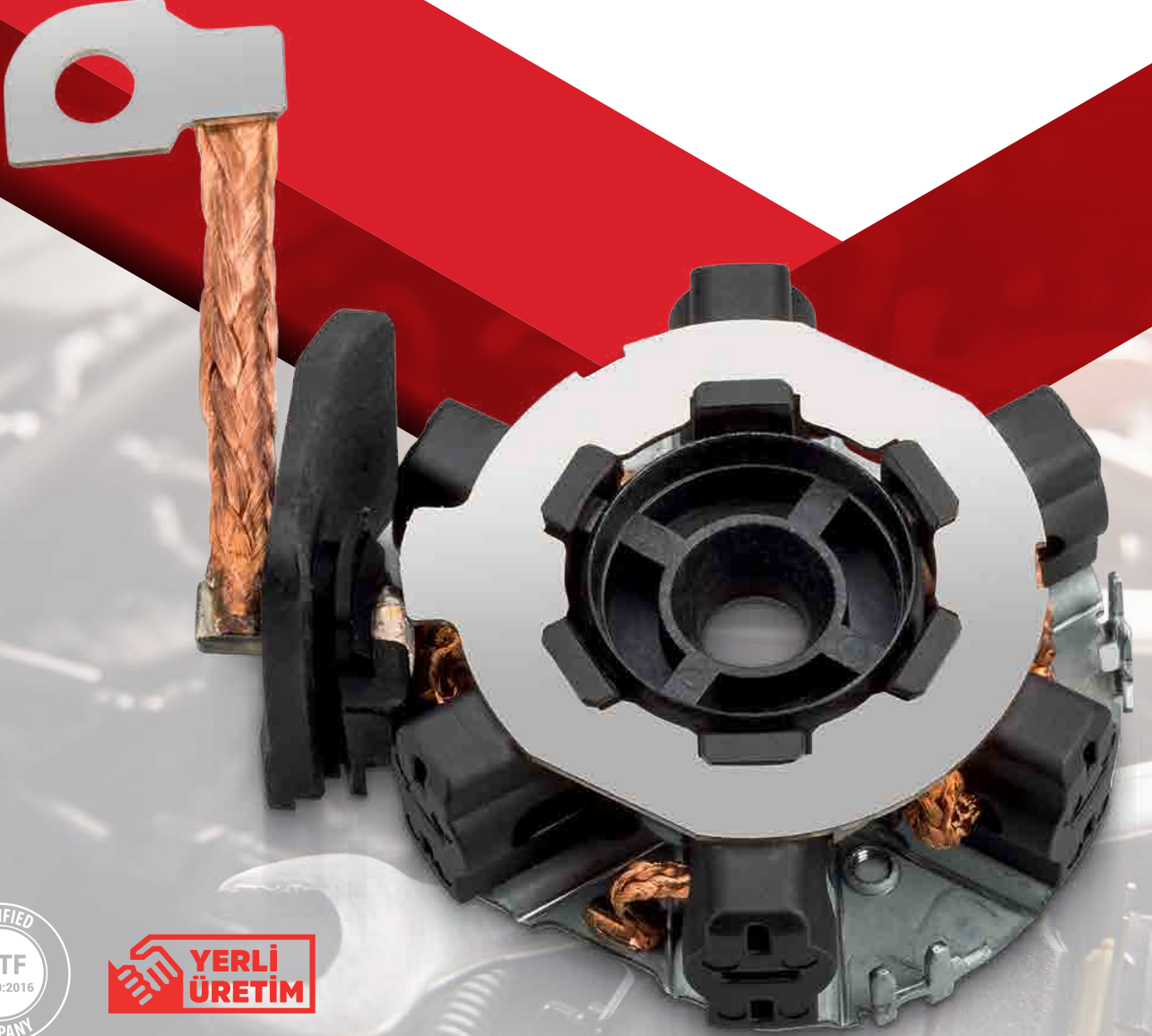


60⁺yıl/years



OTO KÖMÜRLERİ KÖMÜR YUVALARI

CARBON BRUSHES & BRUSH HOLDERS

2024 Ürün Kataloğu / 2024 Product Catalogue



Kardeş Elektrik 1960'lı yılların başında marş, alternatör ve DC motor kömür fırça ithalatı ile başlayan otomotiv yedek parça alanındaki faaliyetini, 1974 yılında imalata taşıyarak bugün MEGA markası ile Türkiye'de bu alanda otomotiv kömür fırça ve kömür yuvası alanlarında pazar lideri olmuştur.

2007 yılında ürün gamını geliştirerek, marş ve alternatör kömür yuvaları üretimine başlamıştır. Kömür ve kömür yuvası ürün gruplarımıza 2019 yılında eklediğimiz MEGA Marş Otomatiği ile Otomotiv Elektrik sektörüne toplamda 700'den fazla ürün ile hizmet vermekten gurur duyuyoruz.

60+ yıldır MEGA markasına gösterdiğiniz güven ve destekten aldığımız enerji ile geliştirilen MEGA Marş Otomatiği serisi de ülkemizin dışa bağımlılığını azaltacak ve istihdam artırımında payımıza düşen katkının haklı gururunu sizlerle yaşıyoruz.

Tıpkı 2007 yılında 10 tip ile başlayan kömür yuvasının on sene içinde 200'den fazla tipe ulaşması gibi, MEGA Marş Otomatik tip sayısını da benzer şekilde arttırmayı hedefliyoruz. Kardeş Elektrik İstanbul Havalimanına 15 km yakınıktadır. Ürünlerimiz %100 kontrol edildikten sonra sevk edilmektedir.

2019 yılında 16 tip ürünle başladığımız MEGA marş otomatiği ürün grubumuzu kısa sürede 64 tipe yaygınlaştırarak kullanıcılarımıza sunuyoruz.

Kaliteli ürün - kaliteli marka prensibimiz ile yapmış olduğumuz üretimlerimiz IATF 16949 , ISO 9001:2015, ISO 14001, ISO 27001 standart belgeleri ile güvence altındadır.

Köklerini geçmişten alan sanayici yetkinliğimiz ile gelecek için yenilerek 60+ yıldır Türk Sanayi'sine verdiğimiz hizmet kalitesini sürekli yukarılara taşıyarak en iyiye ulaşmak ilk hedefimizdir.

Bu katalog Kardeş Elektrik'in yazılı izni olmadan tamamen veya kısmen çoğaltılamaz. Bu katalogta yer alan üretici ve tedarikçi isimleri ve parça numaraları sadece referans amaçlı kullanılmıştır; ancak firmamız yanlışlıklardan sorumlu değildir.



Kardeş Elektrik, started its activities early 1960's by importing starter generators and DC motor carbon brushes. In 1974, we have started production of automotive carbon brushes under MEGA brand and are now market leader in this field.

In 2007, we have extended our product range by starting production of brush holder for starters and alternators. In 2019, we added MEGA Starter Solenoid to our brush and brush holder products. More than 700 items in total, we are proud to service the Automotive Electricity sector.

MEGA Starter Solenoid line, developed with energy received by your support and trust for 60+ years, will decrease lead times of our customers, closing the gap for quality products at affordable prices for our European Customers.

As MEGA Starter Solenoid series, we initially offered 16 different types of products for 2019 and increased that number to 64 by the end of 2023.

Just as we started with only 10 types of brush holders in 2007 and reached almost 200 types today, we are determined to increase diversity of MEGA Starter Solenoid series.

Our goal is to provide a high quality product, favored by key remanufacturing facilities throughout automotive industry. Kardeş Elektrik, located only 15 km away from new Istanbul Airport possesses ISO 9001: 2015, ISO 14001 , ISO 27001 and IATF 16949 certificates.

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KÖMÜR YUVALARI / BRUSH HOLDERS**SİPARİŞ KODU / ORDER CODE****BOSCH TİPİ KÖMÜR YUVALARI**
BOSCH TYPE BRUSH HOLDERS

BO 0251	
BO 0751	8
BO 1011	9
BO 1021	
BO 1401	
BO1431	10
BO 1441	
BO 1451	11
BO 1491	
BO 1511	12
BO 1582	
BO 1584	13
BO 1585	
BO 1586	14
BO 1601	
BO 1602	15
BO 1603	
BO 1621	16
BO 1622	
BO 1641	17
BO 1661	
BO 1662	
BO 1711	18
BO 1712	
BO 1761	19
BO 1762	
BO 1763	20
BO 1771	
BO 1851	21
BO 1911	
BO 1931	22
BO 1951	
BO 1961	
BO 1962	23
BO 1971	
BO 1991	
BO 2011	
BO 2012	24
BO 2013	
BO 2031	
BO 2032	25
BO 2051	26
BO 2111	
BO 2112	
BO 2131	27
BO 2132	
BO 2151	
BO 2152	
BO 2153	28
BO 2154	
BO 2155	
BO 2171	
BO 2191	29

BO 2192	
BO 2211	
BO 2212	
BO 2231	30
BO 2281	
BO 2282	
BO 2301	31
BO 2302	
BO 2303	
BO 2331	
BO 2351	32
BO 2421	
BO 2431	
BO 2432	
BO 2433	33
BO 2441	
BO 2442	
BO 2451	
BO 2452	34
BO 2453	
BO 2454	
BO 2471	
BO 2472	35
BO 2531	
BO 2532	
BO 2534	36

DELCO REMY TİPİ KÖMÜR YUVALARI
DELCO REMY TYPE BRUSH HOLDERS

DR 0081	37
DR 0161	
DR 0171	38
DR 1341	
DR 1342	39
DR 1351	40
DR 1352	
DR 1412	
DR 1413	
DR 1721	
DR 1741	
DR 1761	41
DR 1781	
DR 1811	42
DR 4201	
DR 4581	
DR 9121	
DR 9141	43

FIAT TİPİ KÖMÜR YUVALARI
FIAT TYPE BRUSH HOLDERS

FI 1221	
FI 2731	43
FI 3341	
FI 3541	
FI 5361	
FI 5362	44
FI 5371	45

FORD TİPİ KÖMÜR YUVALARI
FORD TYPE BRUSH HOLDERS

FO 0711	
FO 0721	
FO 0731	45
FO 0751	46

HITACHI TİPİ KÖMÜR YUVALARI
HITACHI TYPE BRUSH HOLDERS

HI 0811	
HI 4551	47
HI 4751	
HI 4752	
HI 6371	48

LETRİKA/ISKRA TİPİ KÖMÜR YUVALARI
LETRİKA/ISKRA TYPE BRUSH HOLDERS

LE 0336	
LE 0752	49
LE 0994	50

LUCAS TİPİ KÖMÜR YUVALARI
LUCAS TYPE BRUSH HOLDERS

LU 0361	51
LU 0751	
LU 5161	
LU 5162	52

MAKO MAGNETİ MARELLI TİPİ KÖMÜR YUVALARI
MAKO MAGNETİ MARELLI TYPE BRUSH HOLDERS

MA 1221	
MA 3241	
MA 5261	
MA 7281	53

MITSUBISHI TİPİ KÖMÜR YUVALARI
MITSUBISHI TYPE BRUSH HOLDERS

MI 0181	
MI 0411	54
MI 1001	
MI 1041	
MI 1042	55
MI 1391	
MI 1701	56
MI 1702	
MI 1711	
MI 2431	57
MI 2831	58
MI 2832	59
MI 4281	
MI 4282	
MI 4283	60

MI 6971	
MI 8991	61

NIPPON DENSO TİPİ KÖMÜR YUVALARI
NIPPON DENSO TYPE BRUSH HOLDERS

ND 0111	
ND 0112	
ND 0140	62
ND 0151	
ND 0221	63
ND 0521	
ND 0791	64
ND 0841	
ND 0851	65
ND 0881	66
ND 0882	67
ND 1021	
ND 1061	
ND 1161	68
ND 2011	
ND 2012	
ND 2013	69
ND 7781	

VALEO TİPİ KÖMÜR YUVALARI
VALEO TYPE BRUSH HOLDERS

VA 1290	
VA 1291	
VA 1330	
VA 1331	70
VA 1441	
VA 1442	71
VA 1443	
VA 1444	72
VA 1480	
VA 1491	73
VA 1551	
VA 1571	
VA 1572	74
VA 1581	
VA 1591	
VA 1641	75
VA 1642	
VA 1671	
VA 1672	
VA 1711	76
VA 1741	77

HPI SİSTEM KÖMÜR YUVALARI
HPI SYSTEMS TYPE BRUSH HOLDERS

HP 0010	
HP 0011	77

YÜKSEK BAKIRLI YUVALAR
BRUSH HOLDERS WITH HIGH COPPER DENSITY

BOSCH	79-84
FIAT	85
LUCAS	86
MARELLI	87
MITSUBISHI	88-89
VALEO	90-93

ALTERNATÖR KÖMÜR YUVALARI
BRUSH HOLDERS FOR ALTERNATORS

DR 1411	
FO 0681	
ND 0351	96
ND 0352	
ND 0353	97

OTO KÖMÜRLERİ / CARBON BRUSHES

MARŞ MOTORU KÖMÜRLERİ
STARTER BRUSHES

BOSCH	100-126
CAV-CHRYSLER	127
DELCO - REMY	128-137
DUCELLIER	138-139
MITSBISHI	139
FIAT	140-147
FORD	148-149
HITACHI	150-155
LETRIKA/ISKRA	156-157
LUCAS	158-163
MANDO-MELROE	164
MAKO - MAGNETI MARELLI	165-167
MELCO	168-174
MITSUBA	175
NIPPON DENSO	175-182
PAL PARIS RHONE	183-193

ALTERNATÖR KÖMÜRLERİ
ALTERNATOR BRUSHES

BOSCH	196-227
DELCO-REMY	228-229
FIAT	230-232
FORD	232
HITACHI	233-234
LUCAS	235-238
MITSUBISHI	239-241
NIPPON DENSO	242-243
DUCELLIER	244
PAL MAGNETON	244
PAL PARIS RHONE	245-246

ÇEŞİTLİ KÖMÜRLER
MISCELLANEOUS BRUSHES

DİREKSİYON KÖMÜRLERİ / STEERING WHEEL BRUSHES	248
FAN KÖMÜRLERİ / FAN BRUSHES	249-250
KLİMA KÖMÜRLERİ / AIR CONDITION BRUSHES	251-253
MOTOSİKLET KÖMÜRLERİ / MOTOCYCLE BRUSHES	254-255
YÜKSEK BAKIRLI KÖMÜR / BRUSHES WITH HIGH COOPER DENSITY	256-263
DİĞER KÖMÜRLER / OTHER BRUSHES	264-265

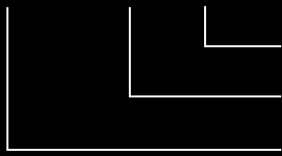
ÇAPRAZ KARŞILAŞTIRMA LİSTESİ
CROSS REFERENCE LIST



KÖMÜR YUVALARI / *BRUSH HOLDERS*

ÜRÜN KODLAMA SİSTEMATİĞİ / *ABBREVIATIONS*

BO **1582**



KONUMLAMA / *POSITIONING*

KÖMÜR REFERANS NO / *BRUSH REFERENCE NUMBER*

ÜRETİCİ REFERANSI / *PRODUCER REFERENCE* **BO**: BOSCH

DR: DELCO-REMY

FI: FIAT

FO: FORD

HI: HITACHI

LU: LUCAS

MA: MARELLI

MI: MITSUBISHI

ND: NIPPON DENSO

VA: VALEO



OTO KÖMÜRLERİ / *CARBON BRUSHES*

KISALTMA TANIMLARI / *ABBREVIATIONS*

H : 24 VOLT

O : PABUÇSUZ / *WITHOUT TERMINAL*

S : YAY İLAVELİ / *WITH SPRING*

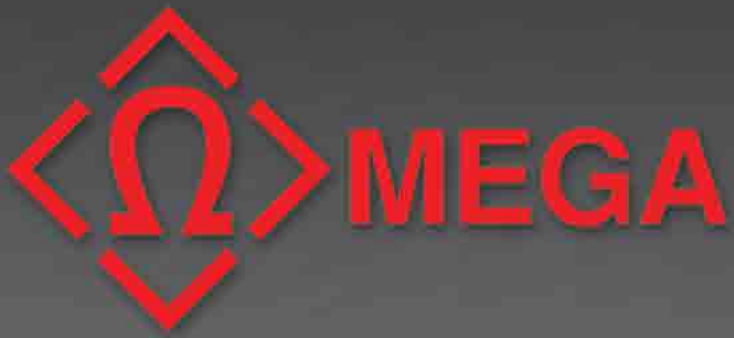
V : DİK BASKI / *VERTICAL PRESSED*

CU : BAKIRLI / *HIGH COPPER DENSITY* *

*Soğuk iklim ve LPG'li araçlar için / *For cold climates and vehicles with LPG applications*

KÖMÜR YUVALARI

BRUSH HOLDERS



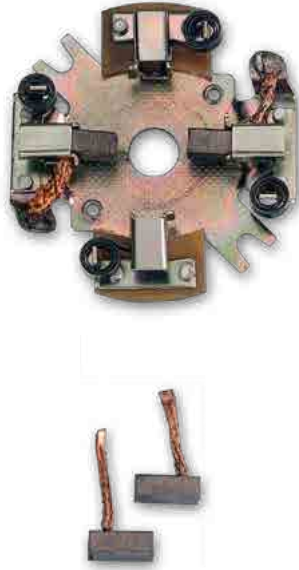
BO 0251

K025
4,5x14x13,8/12,3
12 Volt
ARAÇ MODELİ / VEHICLE MODEL
UYGUN OEM NO / REPLACING OE-REF
 1004339000, 1004339020

OPEL Astra J 1.4L

MOTOR NO / UNIT NO

0001192008	0001194019
0001192009	F000C60299
0001192046	F000C60300
0001192047	STB2505BA
0001192068	STB9450BA
0001192069	
0001192080	
0001192081	
0001192083	
0001192086	
0001192087	

4 KÖMÜRLÜ / WITH 4 BRUSHES
BO 0751

BSX 75
7x10x18
12 Volt
ARAÇ MODELİ / VEHICLE MODEL
UYGUN OEM NO / REPLACING OE-REF
 1 004 336 025, 1 004 336 029, 1 004 336 055

AUDI	80 1.8L 1981 - 1991
VW	PASSAT 1.6L 1980 - 1988
	PASSAT 1.8L 1983 - 1988

MOTOR NO / UNIT NO

0 001 208 053	0 001 208 427	0 001 211 242	0 001 212 214
0 001 208 054	0 001 208 428	0 001 211 244	0 001 212 400
0 001 208 200	0 001 208 429	0 001 211 245	0 001 212 401
0 001 208 201	0 001 211 012	0 001 211 247	0 001 212 402
0 001 208 203	0 001 211 013	0 001 211 248	0 001 212 403
0 001 208 205	0 001 211 014	0 001 211 249	9 000 042 021
0 001 208 206	0 001 211 206	0 001 211 250	9 000 042 027
0 001 208 208	0 001 211 207	0 001 211 251	9 000 042 057
0 001 208 209	0 001 211 208	0 001 211 252	9 000 082 009
0 001 208 211	0 001 211 209	0 001 211 253	9 000 082 021
0 001 208 214	0 001 211 210	0 001 211 254	9 000 082 039
0 001 208 216	0 001 211 214	0 001 211 255	9 000 082 040
0 001 208 217	0 001 211 215	0 001 211 256	9 000 082 043
0 001 208 224	0 001 211 216	0 001 211 257	9 000 082 051
0 001 208 226	0 001 211 217	0 001 211 258	9 000 082 059
0 001 208 227	0 001 211 218	0 001 211 259	9 000 082 061
0 001 208 228	0 001 211 219	0 001 211 989	9 000 082 081
0 001 208 233	0 001 211 220	0 001 211 992	9 000 082 082
0 001 208 406	0 001 211 221	0 001 211 993	9 000 142 001
0 001 208 408	0 001 211 222	0 001 211 997	9 000 142 002
0 001 208 411	0 001 211 223	0 001 211 998	9 000 333 112
0 001 208 412	0 001 211 224	0 001 212 204	9 000 692 003
0 001 208 414	0 001 211 228	0 001 212 205	9 000 692 009
0 001 208 415	0 001 211 229	0 001 212 206	9 000 692 015
0 001 208 416	0 001 211 231	0 001 212 207	9 000 692 031
0 001 208 417	0 001 211 233	0 001 212 208	9 000 692 042
0 001 208 418	0 001 211 234	0 001 212 209	9 000 692 050
0 001 208 419	0 001 211 235	0 001 212 210	9 000 692 062
0 001 208 422	0 001 211 236	0 001 212 211	9 000 692 064
0 001 208 425	0 001 211 237	0 001 212 212	9 000 692 069
0 001 208 426	0 001 211 239	0 001 212 213	9 007 042 015
			9 007 042 016
			B 001 208 256

4 KÖMÜRLÜ / WITH 4 BRUSHES

BO 1011**BSX 101****9x16x18****12 Volt****ARAÇ MODELİ / VEHICLE MODEL****UYGUN OEM NO / REPLACING OE-REF**

2 004 004 093, 2 004 336 027

MOTOR NO / UNIT NO

0 001 207 001	0 001 362 061	0 001 362 102	0 001 366 009
0 001 207 004	0 001 362 062	0 001 362 103	0 001 366 010
0 001 362 005	0 001 362 063	0 001 362 104	0 001 366 011
0 001 362 006	0 001 362 064	0 001 362 105	0 001 366 012
0 001 362 034	0 001 362 065	0 001 362 300	0 001 366 013
0 001 362 035	0 001 362 069	0 001 362 301	0 001 366 014
0 001 362 036	0 001 362 070	0 001 362 305	0 001 366 015
0 001 362 037	0 001 362 071	0 001 362 306	0 001 366 016
0 001 362 038	0 001 362 072	0 001 362 307	0 001 366 017
0 001 362 039	0 001 362 073	0 001 362 312	0 001 366 018
0 001 362 040	0 001 362 074	0 001 362 313	0 001 366 019
0 001 362 041	0 001 362 075	0 001 362 314	0 001 366 020
0 001 362 042	0 001 362 076	0 001 362 316	0 001 366 021
0 001 362 043	0 001 362 077	0 001 362 600	0 001 366 022
0 001 362 044	0 001 362 078	0 001 362 601	0 001 366 024
0 001 362 045	0 001 362 079	0 001 362 602	0 001 366 025
0 001 362 046	0 001 362 081	0 001 362 603	0 001 366 026
0 001 362 047	0 001 362 083	0 001 362 606	0 001 366 027
0 001 362 048	0 001 362 084	0 001 362 607	0 001 366 028
0 001 362 049	0 001 362 085	0 001 362 700	0 001 366 029
0 001 362 050	0 001 362 086	0 001 362 701	0 120 488 259
0 001 362 051	0 001 362 088	0 001 362 702	0 120 488 260
0 001 362 052	0 001 362 089	0 001 362 703	9 000 143 111
0 001 362 053	0 001 362 090	0 001 362 704	9 000 143 203
0 001 362 055	0 001 362 091	0 001 362 705	9 000 143 204
0 001 362 056	0 001 362 092	0 001 366 001	9 000 143 408
0 001 362 057	0 001 362 093	0 001 366 002	9 000 143 411
0 001 362 058	0 001 362 094	0 001 366 003	9 000 143 413
0 001 362 059	0 001 362 095	0 001 366 004	9 000 143 414
0 001 362 060	0 001 362 096	0 001 366 005	9 000 143 420
	0 001 362 097	0 001 366 006	
	0 001 362 100	0 001 366 008	

4 KÖMÜRLÜ / WITH 4 BRUSHES**A.COPCO**F3L912 D.MOTOR/D.ENGINE
US85 KOMPRESÖR/
COMPRESSOR**AUDI**

A6 2.5 TDI 1994 - 1997

CAS

TRAKTÖR/TRACKTOR

D.FAHR

DX SERİSİ/DX SERIES

FIAT55.46/55.65/55.66 1984 - 1988
60.46/60.65/60.66/60.90 1984
- 1988**IVECO**8040/8041/8061/8141
D.MOTOR/D.ENGINE
DAILY 35.10 2.4/2.5/2.8D
1985 - 1997**KHD**

D.MOTOR/D.ENGINE

LINDE

H12D FORKLIFT 1969 - 1980

LOMBARDINI**M.BENZ**

300 3.0D 1976 - 1985

SAMEEXPLORER 70/80/90 1986 ->
LASER 110/130/150 1988 ->
8110/8130 5.2D 1984 ->**STEYR**

BO 1021

BSX 102 (BSX 71) 9x16x25,5 12 Volt
UYGUN OEM NO / REPLACING OE-REF
72164101

MOTOR NO / UNIT NO

72164101	632 171 18	632 171 56	632 174 02
632 171 04	632 171 19	632 171 58	632 174 03
632 171 05	632 171 20	632 171 63	632 174 04
632 171 06	632 171 21	632 171 73	632 174 07
632 171 07	632 171 25	632 171 80	632 174 08
632 171 08	632 171 26	632 171 82	632 174 10
632 171 10	632 171 38	632 171 86	632 174 25
632 171 12	632 171 47	632 171 88	632 174 33
632 171 16	632 171 48	632 171 97	632 174 47
632 171 17	632 171 54	632 174 01	

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

AUDI	A6 2.5 TDI 1994 - 1997
D.FAHR	TRAKTÖR/TRACKTOR
FENDT	TRAKTÖR/TRACKTOR
FIAT	55.46/55.65/55.66/55.90 TRAKTÖR/TRACKTOR 1984 - 1988 60.46/60.65/60.66/60.90 1984 - 1988
IVECO	8040/8041/8061/8141 D.MOTOR/D.ENGINE
RENAULT	MASTER 28-35 2.4/2.5D 80-89 TRAFFIC 2.5D 1980 - 2001
M.BENZ	300 3.0D 1976 - 1985
M.FERGUSON	MF 240/245/255 2.5D 1977 - 1988
SAME	EXPLORER 70/80/90 1986 -> LASER 110/130/150 1988 ->

BO 1401

BSX 140/0 7x16x15 12 Volt
UYGUN OEM NO / REPLACING OE-REF
1 004 336 100, 1 004 336 101, 1 004 336 107, 1 004 336 108,
1 004 336 900

MOTOR NO / UNIT NO

0 001 317 007	0 001 317 016
0 001 317 008	0 001 317 017
0 001 317 009	0 001 317 018
0 001 317 010	0 001 317 019
0 001 317 011	0 001 317 023
0 001 317 012	0 001 317 024

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

AUDI	80 1.6D 1980 - 1986
VW	PASSAT 1.6D 1980 - 1988

BO 1431

BSX 137-143 9x16x17 12 Volt
UYGUN OEM NO / REPLACING OE-REF
2 004 336 041

MOTOR NO / UNIT NO

0 001 362 034	0 001 362 090	0 001 362 311	0 001 362 330
0 001 362 035	0 001 362 091	0 001 362 312	0 001 362 331
0 001 362 036	0 001 362 092	0 001 362 313	0 001 362 332
0 001 362 038	0 001 362 095	0 001 362 314	0 001 362 600
0 001 362 039	0 001 362 100	0 001 362 316	0 001 362 601
0 001 362 041	0 001 362 102	0 001 362 317	0 001 362 604
0 001 362 046	0 001 362 300	0 001 362 318	0 001 362 605
0 001 362 050	0 001 362 301	0 001 362 319	0 001 362 700
0 001 362 051	0 001 362 302	0 001 362 321	0 001 366 004
0 001 362 052	0 001 362 303	0 001 362 322	0 001 366 005
0 001 362 058	0 001 362 304	0 001 362 323	0 001 366 010
0 001 362 059	0 001 362 305	0 001 362 324	0 001 366 011
0 001 362 067	0 001 362 306	0 001 362 325	0 001 366 025
0 001 362 072	0 001 362 307	0 001 362 326	0 001 366 029
0 001 362 073	0 001 362 308	0 001 362 327	9 000 143 204
0 001 362 076	0 001 362 309	0 001 362 328	9 000 143 413
	0 001 362 310	0 001 362 329	9 000 143 420

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

FIAT TRK.	60.46/60.65/60.66/60.90 1984 - 1988
IVECO MARINE	
LOMBARDINI	
SAME	EXPLORER 70/80/90 1986 ->

BO 1441**BSX 134-144 10x25x17 12 Volt****UYGUN OEM NO / REPLACING OE-REF**

1 004 336 028, 2 004 336 028, 2 004 336 039, 2 004 336 044

MOTOR NO / UNIT NO

0 001 367 001	0 001 367 030	0 001 367 062	0 001 369 007
0 001 367 002	0 001 367 031	0 001 367 063	0 001 369 012
0 001 367 003	0 001 367 032	0 001 367 064	0 001 369 013
0 001 367 004	0 001 367 034	0 001 367 065	0 001 369 014
0 001 367 005	0 001 367 035	0 001 367 066	0 001 369 015
0 001 367 006	0 001 367 036	0 001 367 067	0 001 369 016
0 001 367 007	0 001 367 037	0 001 367 068	0 001 369 017
0 001 367 008	0 001 367 038	0 001 367 070	0 001 369 018
0 001 367 009	0 001 367 039	0 001 367 071	0 001 369 019
0 001 367 010	0 001 367 041	0 001 367 072	0 001 369 020
0 001 367 011	0 001 367 042	0 001 367 074	0 001 369 021
0 001 367 012	0 001 367 043	0 001 367 075	0 001 369 022
0 001 367 013	0 001 367 044	0 001 367 076	0 001 369 023
0 001 367 014	0 001 367 045	0 001 367 077	0 001 369 024
0 001 367 015	0 001 367 046	0 001 367 078	9 000 143 108
0 001 367 016	0 001 367 047	0 001 367 079	9 000 143 410
0 001 367 017	0 001 367 048	0 001 367 081	9 000 143 412
0 001 367 018	0 001 367 049	0 001 367 082	9 000 143 415
0 001 367 019	0 001 367 050	0 001 367 300	9 000 143 416
0 001 367 020	0 001 367 051	0 001 367 301	9 000 143 419
0 001 367 021	0 001 367 052	0 001 367 302	9 007 044 014
0 001 367 022	0 001 367 054	0 001 367 303	
0 001 367 023	0 001 367 055	0 001 369 001	
0 001 367 024	0 001 367 056	0 001 369 002	
0 001 367 025	0 001 367 057	0 001 369 003	
0 001 367 027	0 001 367 058	0 001 369 004	
0 001 367 028	0 001 367 059	0 001 369 005	
0 001 367 029	0 001 367 061	0 001 369 006	

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

BMC	YAVUZ
BMW	MARINE
CASE	MXM 120 / 130 / 140 / 155 / 175 / 190 2002 ->
CUMMINS	ES250/300 4.2L 2004 ->
DEUTZ	DX SERİSİ
FIAT TRK	65./70./80. SERİSİ 1984 - 1888 110.90/180.90 1984 - 1988
IVECO MARINE	
MASSEY F.	MF SERİSİ
M.BENZ	UNIMOG U SERİSİ
N.HOLLAND	7740/7840 1991 - 1998 HW300/320/340/365 1998 - 2004

BO 1451**BSX 135-145 8x25x17 24 Volt****UYGUN OEM NO / REPLACING OE-REF**

2 004 336 031, 2 004 336 040, 2 004 336 046, 2 009 994 110, 2 009 994 113

MOTOR NO / UNIT NO

0 001 368 001	0 001 368 028	0 001 368 057	0 001 368 088
0 001 368 002	0 001 368 029	0 001 368 058	0 001 368 300
0 001 368 004	0 001 368 030	0 001 368 059	0 001 368 301
0 001 368 005	0 001 368 031	0 001 368 060	0 001 368 305
0 001 368 006	0 001 368 033	0 001 368 062	0 001 368 306
0 001 368 007	0 001 368 034	0 001 368 063	0 001 368 307
0 001 368 009	0 001 368 035	0 001 368 068	0 001 368 309
0 001 368 010	0 001 368 036	0 001 368 069	0 001 368 310
0 001 368 012	0 001 368 037	0 001 368 070	0 001 368 311
0 001 368 013	0 001 368 038	0 001 368 071	0 001 368 312
0 001 368 014	0 001 368 039	0 001 368 072	0 001 368 313
0 001 368 016	0 001 368 040	0 001 368 073	0 001 368 315
0 001 368 017	0 001 368 041	0 001 368 074	0 001 368 316
0 001 368 018	0 001 368 042	0 001 368 075	0 001 368 317
0 001 368 019	0 001 368 047	0 001 368 076	9 000 143 600
0 001 368 020	0 001 368 049	0 001 368 077	9 000 143 601
0 001 368 021	0 001 368 050	0 001 368 079	9 000 143 602
0 001 368 022	0 001 368 051	0 001 368 081	9 000 143 603
0 001 368 024	0 001 368 052	0 001 368 082	9 000 143 604
0 001 368 026	0 001 368 055	0 001 368 085	
0 001 368 027	0 001 368 056	0 001 368 086	

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

CUMMINS	
DAF	CF65/LF45/LF55 2006 ->
IVECO	75/100/120/130/135 SERİLERİ 1991 - 2000
J.DEERE	4045
MAN	10./12./14./15/17./24./25. SERİLERİ
SCANIA	G SERİSİ 2001 ->
RENAULT	MIDLUM 135.08/.09/.10 2000 - 2001 MIDLUM 150.10/.12 2000 - 2006 MIDLUM 180.08/.10/.12 2000 - 2006 MIDLUM 210./220./250./270 SERİLERİ 2000 - 2006
VOLVO	FL180/FL220/FL250 2000 - 2006

BO 1491

BSX 149
7x10x14
12 Volt
UYGUN OEM NO / REPLACING OE-REF

1 004 336 102, 1 004 336 901

MOTOR NO / UNIT NO

0 001 208 506	0 001 208 708	0 001 211 525
0 001 208 510	0 001 208 709	0 001 211 526
0 001 208 510	0 001 208 710	0 001 211 527
0 001 208 513	0 001 208 711	0 001 211 528
0 001 208 514	0 001 208 712	0 001 211 529
0 001 208 515	0 001 208 713	0 001 211 530
0 001 208 516	0 001 208 714	0 001 211 533
0 001 208 517	0 001 208 715	0 001 211 535
0 001 208 518	0 001 208 717	0 001 211 536
0 001 208 519	0 001 208 718	9 000 333 104
0 001 208 520	0 001 208 719	9 000 333 106
0 001 208 521	0 001 211 502	9 000 333 114
0 001 208 524	0 001 211 503	9 000 333 117
0 001 208 526	0 001 211 504	9 000 333 121
0 001 208 528	0 001 211 505	9 000 333 122
0 001 208 702	0 001 211 512	
0 001 208 705	0 001 211 513	
0 001 208 706	0 001 211 514	
0 001 208 707	0 001 211 515	

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

AUDI	80 1.8L 1983 - 1990 100 1.8L 1983 - 1987
CITROEN	BX16 1.6L 1986 - 1994 BX19 1.9L 1986 - 1994 JUMPER BIVALENT 2.0 2000 -> 2006
PEUGEOT	405 1.6L 1987 - 1992
RENAULT	CLIO 1.2L 1990 - 1996 R9 1.4L 1985 - 1991 R9 1.4L 1981 - 1991 R11 1.2L 1984 - 1991 R11 1.4L 1984 - 1991 R11 1.7L 1981 - 1991 R19 1.4L 1988 - 2001 R21 1.7L 1986 - 1995

BO 1511

BSX 151
7,5x18x17/19
12 Volt
UYGUN OEM NO / REPLACING OE-REF

1 004 336 218, 9 003 334 314

MOTOR NO / UNIT NO

0 001 218 002	0 001 218 110	0 001 218 148	9 000 331 405
0 001 218 003	0 001 218 111	0 001 218 149	9 000 331 406
0 001 218 004	0 001 218 112	0 001 218 150	9 000 331 407
0 001 218 005	0 001 218 113	0 001 218 151	9 000 331 408
0 001 218 006	0 001 218 114	0 001 218 152	9 000 331 409
0 001 218 007	0 001 218 115	0 001 218 153	9 000 331 410
0 001 218 008	0 001 218 116	0 001 218 154	9 000 331 411
0 001 218 009	0 001 218 117	0 001 218 155	9 000 331 412
0 001 218 010	0 001 218 118	0 001 218 156	9 000 331 413
0 001 218 011	0 001 218 119	0 001 218 157	9 000 331 414
0 001 218 012	0 001 218 120	0 001 218 158	9 000 331 415
0 001 218 013	0 001 218 121	0 001 218 159	9 000 331 416
0 001 218 014	0 001 218 122	0 001 218 160	9 000 331 417
0 001 218 015	0 001 218 123	0 001 218 161	9 000 331 418
0 001 218 016	0 001 218 124	0 001 218 162	9 000 331 419
0 001 218 017	0 001 218 125	0 001 218 163	9 000 331 420
0 001 218 018	0 001 218 126	0 001 218 164	9 000 331 421
0 001 218 019	0 001 218 127	0 001 218 165	9 000 331 422
0 001 218 020	0 001 218 128	0 001 218 166	9 000 331 423
0 001 218 021	0 001 218 129	0 001 218 167	9 000 331 424
0 001 218 022	0 001 218 130	0 001 218 168	9 000 331 425
0 001 218 023	0 001 218 131	0 001 218 169	9 000 331 426
0 001 218 024	0 001 218 132	0 001 218 170	9 000 331 427
0 001 218 025	0 001 218 133	0 001 218 171	9 000 331 428
0 001 218 026	0 001 218 134	0 001 218 172	9 000 331 429
0 001 218 027	0 001 218 135	0 001 218 173	9 000 331 430
0 001 218 028	0 001 218 136	0 001 218 174	9 000 331 431
0 001 218 029	0 001 218 137	0 001 218 175	9 000 331 432
0 001 218 100	0 001 218 138	0 001 218 176	9 000 331 433
0 001 218 101	0 001 218 139	0 001 218 177	9 000 331 433
0 001 218 102	0 001 218 140	0 001 218 178	B 001 233 104
0 001 218 103	0 001 218 141	0 001 218 1710	B 001 233 112
0 001 218 104	0 001 218 142	0 001 218 1725	B 001 233 121
0 001 218 105	0 001 218 143	6 033 AB1 J00	B 001 233 158
0 001 218 106	0 001 218 144	9 000 331 401	B 001 233 172
0 001 218 107	0 001 218 145	9 000 331 402	B 001 233 216
0 001 218 108	0 001 218 146	9 000 331 403	B 001 233 261
0 001 218 109	0 001 218 147	9 000 331 404	

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

CITROEN	JUMPER 2.5TDI 1994 - 2002 JUMPER 2.8HDI 2004 - 2006
FIAT	DUCATO 1.9D/1.9TD 1990 - 2002 DUCATO 2.5 TDI 1994 - 2002
L.ROVER	DEFENDER 90/110 2.5 TDI 1990 - 2001
M.BENZ	DISCOVERY 2.5TDI 1989 - 1998 190 2.0L/2.5L/2.5TD 1983 - 1993 200 2.0D/2.0TD 1984 - 1993 250 2.5D/2.5TD 1984 - 1993 300 3.0D/3.0TD 1989 - 1993 C220 2.2D 1993 - 1994 E200 2.0D 1986 - 1993 SPRINTER 308/312/408 2.3D/2.9D 1995 - 2000
PEUGEOT	BOXER 2.5TDI 1994 - 2002
SSANGYONG	ACTYON/KYRON 2.0D 2005 - 2014
VW	TRANSPORTER 2.4D 1990 - 1998

BO 1582**BSX 157-158** **6x18x14,5** **12 Volt****UYGUN OEM NO / REPLACING OE-REF**1 004 336 233, 1 004 336 456, 1 004 336 463, 1 004 336 835,
1 004 336 908, 1 004 336 946, 1 004 336 948, 2 004 336 245**MOTOR NO / UNIT NO**

0 001 110 003	0 001 110 132
0 001 110 026	0 001 115 001
0 001 110 080	0 001 125 501
0 001 110 089	0 001 125 502
0 001 110 095	0 001 125 511
0 001 110 114	0 001 125 512
	B 001 117 311

saat yönü / clockwise
kablo boyu / cable length 125 mm**4 KÖMÜRLÜ / WITH 4 BRUSHES****ARAÇ MODELİ / VEHICLE MODEL**

MITSUBISHI CARISMA 1.9TD 1996 - 2000
RENAULT CLIO 1.6L 1998 - 2005
 KANGOO 1.9D 1997 - 2008
 MEGANE I 1.9D 1996 - 2003
 R19 1.8L/1.9D 1989 - 1996
 R21 1.7L/1.9D 1988 - 1996
 SCENIC 1.9 DTI 1999 - 2003
VW LT 28-35 2.5 TDI 1999 - 2006
 LT 40-55 2.5 TDI 1999 - 2006

BO 1584**BSX 157-158** **6x18x14,5** **12 Volt****UYGUN OEM NO / REPLACING OE-REF**1 004 336 139, 1 004 336 155, 1 004 336 156, 1 004 336 402,
1 004 336 446, 1 004 336 455, 1 004 336 459, 1 004 336 466,
1 004 336 620, 1 004 336 732, 1 004 336 800, 1 004 336 847,
1 004 336 906, 1 004 336 914, 1 004 336 926, 1 004 336 933,
1 004 336 947, 1 004 336 958, 1 004 336 983, 1 004 336 991**MOTOR NO / UNIT NO**

0 001 109 011	0 001 110 069	0 001 117 008	0 001 125 003
0 001 110 001	0 001 110 070	0 001 123 003	0 001 125 004
0 001 110 002	0 001 110 075	0 001 124 001	0 001 125 005
0 001 110 009	0 001 110 076	0 001 124 002	0 001 125 006
0 001 110 010	0 001 110 077	0 001 124 003	0 001 125 007
0 001 110 014	0 001 110 078	0 001 124 004	0 001 125 009
0 001 110 015	0 001 110 081	0 001 124 005	0 001 125 010
0 001 110 018	0 001 110 084	0 001 124 006	0 001 125 011
0 001 110 031	0 001 110 085	0 001 124 007	0 001 125 018
0 001 110 032	0 001 110 086	0 001 124 008	0 001 125 019
0 001 110 033	0 001 110 087	0 001 124 011	0 001 125 035
0 001 110 047	0 001 110 088	0 001 124 012	0 001 125 036
0 001 110 054	0 001 110 091	0 001 124 013	0 001 125 048
0 001 110 055	0 001 110 098	0 001 124 014	0 001 125 049
0 001 110 057	0 001 110 099	0 001 124 022	B 001 117 071
0 001 110 058	0 001 110 104	0 001 124 023	B 001 127 016
0 001 110 059	0 001 110 118	0 001 124 024	B 001 127 041
0 001 110 060	0 001 110 119	0 001 124 025	
0 001 110 061	0 001 110 133	0 001 125 001	
0 001 110 062	0 001 110 134	0 001 125 002	

saat yönü tersi / anticlockwise
kablo boyu / cable length 70mm**4 KÖMÜRLÜ / WITH 4 BRUSHES****ARAÇ MODELİ / VEHICLE MODEL**

SEAT CORDOBA 1.9 SDI 1995 - 2002
 IBIZA 1.9 SDI 1995 - 2002
 LEON 1.9 TDI 1999 - 2002
 TOLEDO 1.9 TDI 1999 - 2006
SKODA OCTAVIA 1.9 TDI 1996 - 2001
VW TRANSPORTER 2.5 TDI
 1990 - 2003
 TRANSPORTER 1.9 TD
 1990 - 2003
 GOLF II 1.6 TD 1983 - 1991
 GOLF III 1.9 TDI 1994 - 1999
 GOLF III 1.6L 1993 - 1999
 GOLF IV 1.6 1998 - 2002
 GOLF IV 1.9 TDI 1997 - 2006
 BORA 1.9 TDI 1998 - 2005
 CADDY 1.9 SDI 1996 - 2005
 POLO 1.4 TDI 1999 - 2004
PORSCHE 911 3.4/3.6/3.8 CARRERA
 1993 - 2012

BO 1585

BSX 157-158
6x18x14,5
12 Volt
UYGUN OEM NO / REPLACING OE-REF

1 004 336 404, 1 004 336 407, 1 004 336 413, 1 004 336 460,
1 004 336 734, 1 004 336 764, 1 004 336 807, 1 004 336 819,
1 004 336 845, 1 004 336 909, 1 004 336 925, 1 004 336 931,
1 004 336 942, 1 004 336 949, 1 004 336 955, 1 004 336 976,
1 004 336 981, 1 004 336 984, 1 004 336 994, 1 004 336 997,
1 004 336 999, 2 004 336 233, 2 004 336 237, 2 004 336 238,
2 004 336 244, 2 004 336 245

MOTOR NO / UNIT NO

0 001 109 009	0 001 110 041	0 001 110 101	0 001 124 021
0 001 109 015	0 001 110 042	0 001 110 102	0 001 125 501
0 001 109 021	0 001 110 043	0 001 110 103	0 001 125 502
0 001 109 022	0 001 110 044	0 001 110 104	0 001 125 503
0 001 109 034	0 001 110 045	0 001 110 105	0 001 125 504
0 001 109 041	0 001 110 046	0 001 110 106	0 001 125 507
0 001 109 042	0 001 110 047	0 001 110 107	0 001 125 508
0 001 109 046	0 001 110 048	0 001 110 108	0 001 125 511
0 001 109 052	0 001 110 049	0 001 110 109	0 001 125 512
0 001 109 055	0 001 110 050	0 001 110 110	0 001 125 513
0 001 109 061	0 001 110 051	0 001 110 111	0 001 125 514
0 001 109 062	0 001 110 052	0 001 110 112	0 001 125 517
0 001 109 068	0 001 110 053	0 001 110 113	0 001 125 518
0 001 109 252	0 001 110 054	0 001 110 114	B 001 117 012
0 001 109 256	0 001 110 055	0 001 110 115	B 001 117 013
0 001 110 004	0 001 110 056	0 001 110 120	B 001 117 050
0 001 110 005	9 000 331 417	0 001 110 121	B 001 117 070
0 001 110 007	0 001 110 063	0 001 110 122	B 001 117 148
0 001 110 008	0 001 110 064	0 001 110 123	B 001 117 149
0 001 110 011	0 001 110 065	0 001 110 124	B 001 126 016
0 001 110 012	0 001 110 066	0 001 110 125	F 010 ALO 101
0 001 110 013	0 001 110 067	0 001 110 126	
0 001 110 016	0 001 110 068	0 001 110 127	
0 001 110 017	0 001 110 071	0 001 110 128	
0 001 110 019	0 001 110 072	0 001 110 129	
0 001 110 022	0 001 110 075	0 001 110 110	
0 001 110 023	0 001 110 079	0 001 110 137	
0 001 110 024	0 001 110 082	0 001 110 138	
0 001 110 025	0 001 110 083	0 001 110 139	
0 001 110 027	0 001 110 088	0 001 110 999	
0 001 110 028	0 001 110 090	0 001 111 001	
0 001 110 029	0 001 110 091	0 001 115 002	
0 001 110 030	0 001 110 092	0 001 115 007	
0 001 110 039	0 001 110 100	0 001 124 020	

saat yönü / clockwise
kablo boyu / cable length 86 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODELS

AUDI 80 1.6TD 1980 - 1987
A8 3.7L/4.2L 1995 - 2002

CITROEN BX 19 1.9D 1989 - 1994

BMW 535 3.5L 1988 - 1995
730 3.5L 1986 - 1994

M.BENZ 260E 2.4L/2.6L 1986 - 1992
E300 3.0L 1987 - 1995
E320 3.2L 1993 - 1998

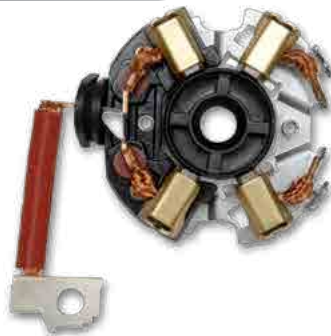
OPEL ASTRA G 2.0D 1998 - 2004
VECTRA B/C 2.0D 1996 - 2005

PEUGEOT 4007 2.2 HDI 2007 - 2012

SKODA SUPERB 1.9 TDİ 2001 - 2008

VOLVO XC70 2.4D 2002 - 2014
XC90 2.4D 2002 - 2006

VW PASSAT 1.6D 1982 - 1988
PASSAT 1.9 TDİ 1996 - 2005
PASSAT 2.0 TDİ 2003 - 2005

BO 1586

BSX 157-158
6x18x14,5
12 Volt
UYGUN OEM NO / REPLACING OE-REF

1 004 336 233, 1 004 336 456, 1 004 336 463, 1 004 336 835,
1 004 336 908, 1 004 336 946, 1 004 336 948, 2 004 336 245

MOTOR NO / UNIT NO

0 001 110 003	0 001 110 132
0 001 110 026	0 001 115 001
0 001 110 080	0 001 125 501
0 001 110 089	0 001 125 502
0 001 110 095	0 001 125 511
0 001 110 114	0 001 125 512
	B 001 117 311

saat yönü / clockwise
kablo boyu / cable length 105 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

MITSUBISHI CARISMA 1.9TD 1996 - 2000

RENAULT CLIO 1.6L 1998 - 2005
KANGOO 1.9D 1997 - 2008
MEGANE I 1.9D 1996 - 2003
R19 1.8L/1.9D 1989 - 1996
R21 1.7L/1.9D 1988 - 1996
SCENIC 1.9 DTI 1999 - 2003

VW LT 28-35 2.5 TDI 1999 - 2006
LT 40-55 2.5 TDI 1999 - 2006

BO 1601**BSX 159-160** **5x16x11,5/13** **12 Volt****UYGUN OEM NO / REPLACING OE-REF**1 004 336 138, 1 004 336 411, 1 004 336 434, 1 004 336 740,
1 004 336 980, 2 004 336 217**MOTOR NO / UNIT NO**

0 001 107 031	0 001 108 089	0 001 108 133	0 001 108 158
0 001 107 032	0 001 108 090	0 001 108 134	0 001 108 159
0 001 108 004	0 001 108 093	0 001 108 135	0 001 108 160
0 001 108 019	0 001 108 098	0 001 108 136	0 001 108 162
0 001 108 020	0 001 108 100	0 001 108 137	0 001 108 166
0 001 108 022	0 001 108 101	0 001 108 138	0 001 108 167
0 001 108 024	0 001 108 102	0 001 108 139	0 001 108 169
0 001 108 025	0 001 108 107	0 001 108 140	0 001 108 171
0 001 108 026	0 001 108 111	0 001 108 141	0 001 108 173
0 001 108 027	0 001 108 112	0 001 108 142	0 001 108 174
0 001 108 048	0 001 108 115	0 001 108 143	0 001 108 175
0 001 108 051	0 001 108 118	0 001 108 141	0 001 108 176
0 001 108 052	0 001 108 119	0 001 108 144	0 001 108 177
0 001 108 053	0 001 108 120	0 001 108 145	0 001 108 178
0 001 108 056	0 001 108 121	0 001 108 146	0 001 108 183
0 001 108 063	0 001 108 122	0 001 108 149	0 001 108 184
0 001 108 064	0 001 108 124	0 001 108 150	0 001 108 188
0 001 108 070	0 001 108 125	0 001 108 151	0 001 108 189
0 001 108 075	0 001 108 126	0 001 108 153	0 001 108 197
0 001 108 080	0 001 108 128	0 001 108 154	0 001 108 995
0 001 108 081	0 001 108 130	0 001 108 155	0 001 108 996
0 001 108 088	0 001 108 131	0 001 108 156	0 001 111 002
			0 001 111 003
			0 001 111 004

saat yönü / clockwise
kablo boyu / cable length 60 mm**4 KÖMÜRLÜ / WITH 4 BRUSHES****ARAÇ MODELİ / VEHICLE MODEL**

A.ROMEO	ALFA 155 2.0L 1992 - 1996
AUDI	100 1.9L 1982 - 1984 100 2.0L 1984 - 1990
BMW	316i 1.6L/1.8L 1988 - 1997 518i 1.8L 1989 - 1995 520i 2.0/2.5L 1990 - 1996
CITROEN	SAXO 1.5D 1996 - 2003
FORD	ESCORT 1.6L 1993 - 2001 MONDEO 1.8L 1993 - 2000 MONDEO 2.0L 1993 - 2000 SIERRA 2.0L 1987 - 1993
OPEL	ASTRA G 1.8L 1997 - 2005 ASTRA F 1.4L/1.6L 1991 - 1998 COMBO 1.4L 1994 - 2001 CORSA A/B 1.2L 1982 - 2000 CORSA B 1.4L 1993 - 2000 VECTRA B 1.8L 1998 - 2002 VECTRA B 1.6L 1995 - 2003 ZAFIRA A 1.8L 1999 - 2005
RENAULT	KANGOO 1.9D 1998 - 2008 MEGANE 1.4L 1999 - 2003 MEGANE 1.9DTI/1.9TD 1996-2003 MEGANE 2.0L 1996 - 2003 R19 1.4L 1988 - 2001 R19 1.9D 1988 - 2001 SCENIC 1.9DTI 1999 - 2003

BO 1602**BSX 159-160** **5x16x11,5/13** **12 Volt****UYGUN OEM NO / REPLACING OE-REF**1 004 336 362, 1 004 336 426, 1 004 336 772, 1 004 336 811,
1 004 336 911, 1 004 336 923, 2 004 336 219**MOTOR NO / UNIT NO**

0 001 108 021	0 001 108 097
0 001 108 050	0 001 108 099
0 001 108 059	0 001 108 121
0 001 108 060	0 001 108 127
0 001 108 076	0 001 108 147
0 001 108 077	0 001 108 168
0 001 108 094	0 001 108 190
0 001 108 095	B 001 111 273
0 001 108 096	

saat yönü tersi / anticlockwise
kablo boyu / cable length 60 mm**4 KÖMÜRLÜ / WITH 4 BRUSHES****ARAÇ MODELİ / VEHICLE MODEL**

LADA	SAMARA 1.5L 1988 - 2007 VEGA 1.5L 1996 - 2000
LOMBARDINI	15LD500 MOTOR 1985 ->
VW	PASSAT 1.8L 1988 - 1997

BO 1603

BSX 159-160 5x16x11,5/13 12 Volt
UYGUN OEM NO / REPLACING OE-REF

1004336125, 1004336130, 1004336132, 1004336146, 1004336162
1004336403, 1004336837, 1004336850, 100433690, 1004336903
1004336907, 1004336913, 1004336918, 1004336934, 1004336936
1004336941, 1004336950, 100433695, 1004336960, 1004336961
1004336965, 1004336968, 1004336998, 134658, CBH10101,
68-9128, 68-9129, 68-9129-1, 68-9130-1, 68-9139, 68-9140, 69-
9123, 69-9130

MOTOR NO / UNIT NO

0 001 107 031	0 001 108 090	0 001 108 135	0 001 108 160
0 001 107 032	0 001 108 093	0 001 108 136	0 001 108 162
0 001 108 004	0 001 108 098	0 001 108 137	0 001 108 166
0 001 108 019	0 001 108 100	0 001 108 138	0 001 108 167
0 001 108 020	0 001 108 101	0 001 108 139	0 001 108 169
0 001 108 022	0 001 108 102	0 001 108 140	0 001 108 171
0 001 108 024	0 001 108 107	0 001 108 141	0 001 108 173
0 001 108 025	0 001 108 111	0 001 108 142	0 001 108 174
0 001 108 026	0 001 108 112	0 001 108 143	0 001 108 175
0 001 108 027	0 001 108 115	0 001 108 141	0 001 108 176
0 001 108 048	0 001 108 118	0 001 108 144	0 001 108 177
0 001 108 051	0 001 108 119	0 001 108 145	0 001 108 178
0 001 108 052	0 001 108 120	0 001 108 146	0 001 108 183
0 001 108 053	0 001 108 121	0 001 108 149	0 001 108 184
0 001 108 056	0 001 108 122	0 001 108 150	0 001 108 188
0 001 108 063	0 001 108 124	0 001 108 151	0 001 108 189
0 001 108 064	0 001 108 125	0 001 108 153	0 001 108 197
0 001 108 070	0 001 108 126	0 001 108 154	0 001 108 995
0 001 108 075	0 001 108 128	0 001 108 155	0 001 108 996
0 001 108 080	0 001 108 130	0 001 108 156	0 001 111 002
0 001 108 081	0 001 108 131	0 001 108 158	0 001 111 003
0 001 108 088	0 001 108 133	0 001 108 159	0 001 111 004
0 001 108 089	0 001 108 134		

saat yönü / clockwise
kablo boyu / cable length 60 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

A.ROMEO	ALFA 155 2.0L 1992 - 1996
AUD	100 1.9L 1982 - 1984 100 2.0L 1984 - 1990
BMW	316i 1.6L/1.8L 1988 - 1997 518i 1.8L 1989 - 1995 520i 2.0/2.5L 1990 - 1996
CITROEN	SAXO 1.5D 1996 - 2003
FORD	ESCORT 1.6L 1993 - 2001 MONDEO 1.8L 1993 - 2000 MONDEO 2.0L 1993 - 2000 SIERRA 2.0L 1987 - 1993
OPEL	ASTRA G 1.8L 1997 - 2005 ASTRA F 1.4L/1.6L 1991 - 1998 COMBO 1.4L 1994 - 2001 CORSA A/B 1.2L 1982 - 2000 CORSA B 1.4L 1993 - 2000 VECTRA B 1.8L 1998 - 2002 VECTRA B 1.6L 1995 - 2003 ZAFIRA A 1.8L 1999 - 2005
RENAULT	KANGOO 1.9D 1998 - 2008 MEGANE 1.4L 1999 - 2003 MEGANE 1.9DTI/1.9TD 1996 - 2003 MEGANE 2.0L 1996 - 2003 R19 1.4L 1988 - 2001 R19 1.9D 1988 - 2001 SCENIC 1.9DTI 1999 - 2003

BO 1621

BSX 161-162 5x12x11,6 12 Volt
UYGUN OEM NO / REPLACING OE-REF

1 004 336 433, 1 004 336 753, 1 004 336 915, 1 004 336 916,
1 004 336 938, 1 004 336 952, 1 004 336 953, 1 004 336 963,
1 004 336 967, F 000 AL1 055, F 000 AL1 326, F 000 AL1 483

MOTOR NO / UNIT NO

0 001 107 031	0 001 112 032	0 001 114 014
0 001 112 005	0 001 112 033	0 001 114 015
0 001 112 006	0 001 112 037	0 001 114 016
0 001 112 007	0 001 112 044	0 001 114 017
0 001 112 008	0 001 112 045	0 001 114 021
0 001 112 009	0 001 113 001	6 004 AA0 003
0 001 112 012	0 001 113 002	9 000 081 003
0 001 112 013	0 001 113 003	B 001 181 007
0 001 112 014	0 001 113 004	B 001 181 013
0 001 112 015	0 001 113 005	F 000 AL0 301
0 001 112 016	0 001 113 007	F 000 AL0 302
0 001 112 020	0 001 113 008	
0 001 112 021	0 001 113 009	
0 001 112 022	0 001 113 013	
0 001 112 023	0 001 113 014	
0 001 112 024	0 001 114 003	
0 001 112 025	0 001 114 004	
0 001 112 027	0 001 114 005	
0 001 112 028	0 001 114 006	
0 001 112 029	0 001 114 008	

saat yönü / clockwise
kablo boyu / cable length 105 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

A.ROMEO	145 - 1.6L/1.7L 1994 - 1996
CITROEN	BERLINGO 1.4L 1996 - 2002 C2 1.4L/1.6L 2003 - 2009 C3 1.4L 2002 - 2009 SAXO 1.1L/1.4L 2000 - 2003 XSARA 1.4L 1997 - 2005 XSARA PICASSO 1.6L 2000-2010 ZX 1.4L 1991 - 1997
FORD	ESCORT 1.3L 1986 - 2001 ESCORT 1.4L 1990 - 2001 ESCORT 1.6L 1990 - 1994 FIESTA 1.3L 1989 - 2002
OPEL	ASTRA G 1.8L 1997 - 2005
PEUGEOT	106 1.1L/1.4L/1.6L 1991 - 2003 205 1.0L/1.1L/1.4L 1987 - 1998 206 1.4L/1.6L 1998 - 2011 207 1.4L/1.6L 2006 - 2012 306 1.4L/1.6L 2000 - 2003

BO 1622**BSX 161-162** **5x12x11, 6** **12 Volt****UYGUN OEM NO / REPLACING OE-REF**

1 004 336 433, 1 004 336 753, 1 004 336 915, 1 004 336 916,
1 004 336 938, 1 004 336 952, 1 004 336 953, 1 004 336 963,
1 004 336 967, F 000 AL1 055, F 000 AL1 326, F 000 AL1 483

MOTOR NO / UNIT NO

0 001 106 001	0 001 114 005	0 001 211 257
0 001 106 002	0 001 114 006	0 001 211 258
0 001 107 007	0 001 208 416	
0 001 107 008	0 001 208 417	
0 001 112 003	0 001 208 418	
0 001 112 004	0 001 208 419	

saat yönü tersi / anticlockwise
kablo boyu / cable length 105 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

SEAT CORDOBA 1.6L 1999 - 2002
TOLEDO 1.6L 1991 - 1998
VW POLO 1.4L 1995 - 2001
GOLF II 1.6L /1.8L 1983 - 1992
JETTA 1.6L/1.8L 1984 - 1991
PASSAT 1.8L/2.0L 1990-1991

BO 1641**BSX 163-164** **10x25x15** **12 Volt****UYGUN OEM NO / REPLACING OE-REF**

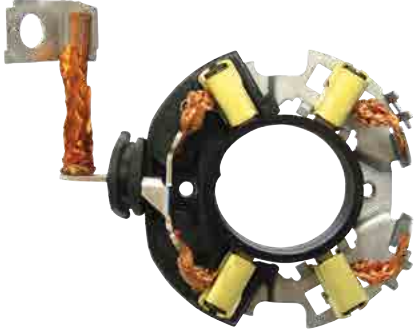
1 004 336 028, 2 004 336 028, 2 004 336 039, 2 004 336 044

MOTOR NO / UNIT NO

0 001 367 001	0 001 367 032	0 001 367 065	0 001 369 015
0 001 367 002	0 001 367 034	0 001 367 066	0 001 369 016
0 001 367 003	0 001 367 035	0 001 367 067	0 001 369 017
0 001 367 004	0 001 367 036	0 001 367 068	0 001 369 018
0 001 367 005	0 001 367 037	0 001 367 070	0 001 369 019
0 001 367 006	0 001 367 038	0 001 367 071	0 001 369 020
0 001 367 007	0 001 367 039	0 001 367 072	0 001 369 021
0 001 367 008	0 001 367 041	0 001 367 074	0 001 369 022
0 001 367 009	0 001 367 042	0 001 367 075	0 001 369 023
0 001 367 010	0 001 367 043	0 001 367 076	0 001 369 024
0 001 367 011	0 001 367 044	0 001 367 077	9 000 143 108
0 001 367 012	0 001 367 045	0 001 367 078	9 000 143 410
0 001 367 013	0 001 367 046	0 001 367 079	9 000 143 412
0 001 367 014	0 001 367 047	0 001 367 081	9 000 143 415
0 001 367 015	0 001 367 048	0 001 367 082	9 000 143 416
0 001 367 016	0 001 367 049	0 001 367 300	9 000 143 419
0 001 367 017	0 001 367 050	0 001 367 301	9 007 044 014
0 001 367 018	0 001 367 051	0 001 367 302	
0 001 367 019	0 001 367 052	0 001 367 303	
0 001 367 020	0 001 367 054	0 001 369 001	
0 001 367 021	0 001 367 055	0 001 369 002	
0 001 367 022	0 001 367 056	0 001 369 003	
0 001 367 023	0 001 367 057	0 001 369 004	
0 001 367 024	0 001 367 058	0 001 369 005	
0 001 367 025	0 001 367 059	0 001 369 006	
0 001 367 027	0 001 367 061	0 001 369 007	
0 001 367 028	0 001 367 062	0 001 369 012	
0 001 367 029	0 001 367 063	0 001 369 013	
0 001 367 030	0 001 367 064	0 001 369 014	
0 001 367 031			

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

BMC YAVUZ
BMW MARINE
CASE MXM 120/130/140/155/175/190
2002 ->
CUMMINS ES250/300 4.2L 2004 ->
DEUTZ DX SERİSİ
FIAT TRK. 65./70./80. SERİSİ 1984 - 1888
110.90/180.90 1984 - 1988
IVECO MARINE
MASSEY F. MF SERİSİ
M.BENZ UNIMOG U SERİSİ
N.HOLLAND 7740/7840 1991 - 1998
HW300/320/340/365
1998 - 2004

BO 1661

BSX 166 5x12x11,6 12 Volt
UYGUN OEM NO / REPLACING OE-REF

1 004 336 433, 1 004 336 753, 1 004 336 915, 1 004 336 916,
1 004 336 938, 1 004 336 952, 1 004 336 953, 1 004 336 963,
1 004 336 967, F 000 AL1 055, F 000 AL1 326, F 000 AL1 483

MOTOR NO / UNIT NO

0 001 107 031	0 001 112 028	0 001 114 004
0 001 112 005	0 001 112 029	0 001 114 005
0 001 112 006	0 001 112 032	0 001 114 006
0 001 112 007	0 001 112 033	0 001 114 008
0 001 112 008	0 001 112 037	0 001 114 014
0 001 112 009	0 001 112 044	0 001 114 015
0 001 112 012	0 001 112 045	0 001 114 016
0 001 112 013	0 001 113 001	0 001 114 017
0 001 112 014	0 001 113 002	0 001 114 021
0 001 112 015	0 001 113 003	6 004 AA0 003
0 001 112 016	0 001 113 004	9 000 081 003
0 001 112 020	0 001 113 005	B 001 181 007
0 001 112 021	0 001 113 007	B 001 181 013
0 001 112 022	0 001 113 008	F 000 ALO 301
0 001 112 023	0 001 113 009	F 000 ALO 302
0 001 112 024	0 001 113 013	
0 001 112 025	0 001 113 014	
0 001 112 027	0 001 114 003	

saat yönü / clockwise

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODELS

A.ROMEO	145 - 1.6L/1.7L 1994 - 1996
CITROEN	BERLINGO 1.4L 1996 - 2002 C2 1.4L/1.6L 2003 - 2009 C3 1.4L 2002 - 2009 SAXO 1.1L/1.4L 2000 - 2003 XSARA 1.4L 1997 - 2005 XSARA PICASSO 1.6L 2000-2010 ZX 1.4L 1991 - 1997
FORD	ESCORT 1.3L 1986 - 2001 ESCORT 1.4L 1990 - 2001 ESCORT 1.6L 1990 - 1994 FIESTA 1.3L 1989 - 2002
OPEL	ASTRA G 1.8L 1997 - 2005
PEUGEOT	106 1.1L/1.4L/1.6L 1991 - 2003 205 1.0L/1.1L/1.4L 1987 - 1998 206 1.4L/1.6L 1998 - 2011 207 1.4L/1.6L 2006 - 2012 306 1.4L/1.6L 2000 - 2003

BO 1662

BSX 166 5x12x11,6 12 Volt
UYGUN OEM NO / REPLACING OE-REF

1 004 336 433, 1 004 336 753, 1 004 336 915, 1 004 336 916,
1 004 336 938, 1 004 336 952, 1 004 336 953, 1 004 336 963,
1 004 336 967, F 000 AL1 055, F 000 AL1 326, F 000 AL1 483

MOTOR NO / UNIT NO

0 001 106 001	0 001 112 004	0 001 208 418
0 001 106 002	0 001 114 005	0 001 208 419
0 001 107 007	0 001 114 006	0 001 211 257
0 001 107 008	0 001 208 416	0 001 211 258
0 001 112 003	0 001 208 417	

saat yönü tersi / anticlockwise

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODELS

SEAT	CORDOBA 1.6L 1999 - 2002 TOLEDO 1.6L 1991 - 1998
VW	POLO 1.4L 1995 - 2001 GOLF II 1.6L /1.8L 1983 - 1992 JETTA 1.6L/1.8L 1984 - 1991 PASSAT 1.8L/2.0L 1990 - 1991

BO 1711

BSX 170-171 10x25x15 24 Volt
UYGUN OEM NO / REPLACING OE-REF

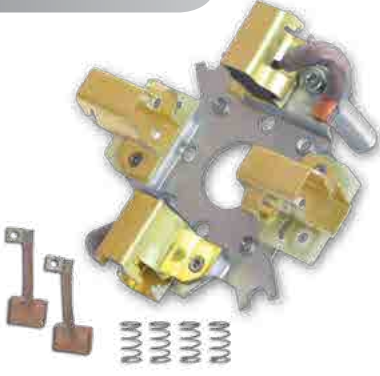
2 004 336 066, 2 004 336 086

MOTOR NO / UNIT NO

0 001 364 300
0 001 364 301
0 001 364 400
0 001 364 402
B 001 841 010
B 001 841 012

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

IVECO	P/PA 120/150/160 SERİLERİ 1983 - 1996
KHD	5.7D/6.1D MOTORLAR 1991 ->
DAF	F 2000 / 2100 / 2103 / 2105 / 2200 / 2205 F 2300 / 2305 / 2335 / 2500 / 2503 / 2535 / 2700 SERİLERİ 8.3D MOTOR 1978-1991

BO 1712**BSX 170-171****10x25x15****24 Volt****ARAÇ MODELİ / VEHICLE MODEL****UYGUN OEM NO / REPLACING OE-REF**

2 004 336 085, 2 004 336 087

MOTOR NO / UNIT NO

0 001 372 002
0 001 372 003
0 001 372 005
0 001 372 006
0 001 372 007
0 001 372 008

M.BENZ

ACTROS/AXOR/TRAVEGO
1800 SERİSİ 1996 ->
ACTROS/AXOR/TRAVEGO
2000 SERİSİ 1996 ->
ACTROS/AXOR/TRAVEGO
3000 SERİSİ 1996 ->
ACTROS/AXOR/TRAVEGO
4000 SERİSİ 1996 ->
CONECTO O345 2001 ->
TRAVEGO O580 1999 - 2006

DAF

CF 85.430 1998 ->
XF 95./480/430/530 1997 ->

4 KÖMÜRLÜ / WITH 4 BRUSHES**BO 1761****BSX 175-176****5x12x11,6****12 Volt****ARAÇ MODELİ / VEHICLE MODEL****UYGUN OEM NO / REPLACING OE-REF**

1 004 336 239, 1 004 336 415, 1 004 336 421, 1 004 336 428,
1 004 336 432, 1 004 336 462, 1 004 336 744, 1 004 336 801,
1 004 336 809, 1 004 336 813, 1 004 336 814, 1 004 336 820,
1 004 336 827, 1 004 336 842, 1 004 336 957, 1 004 336 964,
1 004 336 970, 1 004 336 975, 1 004 336 989, 1 007 336 957

MOTOR NO / UNIT NO

0 001 106 011	0 001 107 040	0 001 107 069	0 001 107 104
0 001 106 014	0 001 107 041	0 001 107 073	0 001 121 001
0 001 106 015	0 001 107 043	0 001 107 074	0 001 121 002
0 001 106 016	0 001 107 044	0 001 107 075	6 004 AA0 003
0 001 107 009	0 001 107 045	0 001 107 076	6 004 AA0 018
0 001 107 012	0 001 107 046	0 001 107 078	9 000 081 004
0 001 107 014	0 001 107 047	0 001 107 079	9 000 081 006
0 001 107 015	0 001 107 048	0 001 107 080	9 000 081 007
0 001 107 016	0 001 107 049	0 001 107 082	9 000 694 022
0 001 107 017	0 001 107 054	0 001 107 083	9 000 694 035
0 001 107 018	0 001 107 055	0 001 107 085	9 000 694 044
0 001 107 019	0 001 107 058	0 001 107 087	9 007 045 009
0 001 107 024	0 001 107 059	0 001 107 088	9 007 045 018
0 001 107 025	0 001 107 060	0 001 107 089	9 007 045 020
0 001 107 026	0 001 107 061	0 001 107 090	B 001 110 240
0 001 107 027	0 001 107 062	0 001 107 091	
0 001 107 028	0 001 107 063	0 001 107 092	
0 001 107 029	0 001 107 066	0 001 107 093	
0 001 107 030	0 001 107 067	0 001 107 094	
0 001 107 033	0 001 107 068	0 001 107 095	
0 001 107 034	0 001 107 069	0 001 107 097	
0 001 107 037	0 001 107 073	0 001 107 103	
0 001 107 038	0 001 107 074		

saat yönü / clockwise
kablo boyu / cable length 70 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES**AUDI**

A4 1.6L/1.8L 1994 - 2004
A6 1.8L 1998 - 2002
A6 2.0L 1994 - 1997 , 2000 - 2004
200 2.0L KOMP. 2000 - 2003
C180 1.8L/2.0L 1993 - 2001
C200 2.0L 1994 - 2001
C230 2.3L 1995 - 2001
CLK 200 2.0L/2.0L KOMP.
1996 - 2001
E200 2.0L/2.0L KOMP. 1993 - 2003
SLK200 2.0L/2.3L KOMP.
1996 - 2000

NISSAN

MICRA F 1.6L 1992 - 2000

OPEL

ASTRA F 1.6L 1995 - 1998
VECTRA A 1.8L 1988 - 1995
VECTRA B 1.6L/2.0L 1995 - 2002

RENAULT

CLIO 1.2L 1990 - 1998
CLIO 1.4L 1990 - 2007
CLIO 1.6L 1998 - 2005
KANGOO 1.4L 1998 - 2008
LAGUNA 1.8L/2.0L 1994 - 2001
MEGANE 1.4L/1.6L/2.0L 1995-2003
R19 1.4L 1988 - 1995
R21 1.7L 1986 - 1994

SAAB

93 2.0T 1999 - 2003
95 2.0L 2001 - 2010

SMART

FORTWO 0.8 CDI 2004 - 2014

TOYOTA

COROLLA 1.6L 1987 - 1992
COROLLA 1.6L 1995 - 1999

VW

LUPO 1.4L 1999 - 2005
POLO 1.4/1.6L 1996 - 2001
PASSAT 1.6L/1.8L 1996 - 2003

BO 1762

BSX 175-176 5x12x11,6 12 Volt
UYGUN OEM NO / REPLACING OE-REF

1 004 336 417, 1 004 336 746, 1 004 336 810, 1 004 336 821,
1 004 336 831, 1 004 336 937, 1 004 336 951, 1 004 336 975,
2 004 336 215

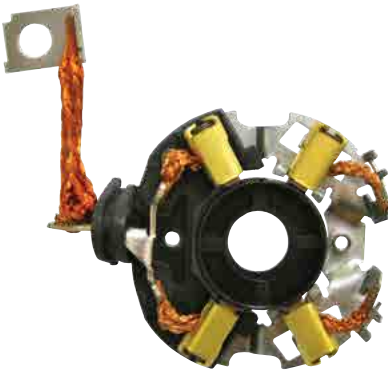
MOTOR NO / UNIT NO

0 001 106 014	0 001 107 023	0 001 121 017
0 001 106 016	0 001 107 024	0 001 121 018
0 001 107 003	0 001 107 025	0 001 121 019
0 001 107 004	0 001 107 026	0 001 121 022
0 001 107 005	0 001 107 034	0 001 121 023
0 001 107 006	0 001 107 039	0 001 121 024
0 001 107 007	0 001 107 044	0 001 121 025
0 001 107 008	0 001 107 045	0 001 121 026
0 001 107 009	0 001 107 052	0 001 121 027
0 001 107 011	0 001 107 053	0 001 121 028
0 001 107 012	0 001 107 064	0 001 121 029
0 001 107 013	0 001 107 080	6 004 AA0 003
0 001 107 015	0 001 121 006	9 000 081 001
0 001 107 020	0 001 121 007	9 000 694 029
0 001 107 021	0 001 121 008	9 007 045 016
0 001 107 022	0 001 121 009	B 001 110 116
0 001 107 023	0 001 121 010	
0 001 107 024	0 001 121 011	
0 001 107 025	0 001 121 016	

saat yönü tersi / anticlockwise
kablo boyu / cable length 50 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

AUDI	A2 1.4L 1999 - 2002 A3 1.6L 1996 - 1998 TT 1.8T 1998 - 2006
ROVER	25 1.4L/1.6L 1999 - 2005 45 1.4L/1.6L 2000 - 2005 200 1.8L 1999 - 2000 218 1.8L 1995 - 2000 214 1.4L 1989 - 2000 216 1.6L 1995 - 2000 414 1.4L 1990 - 1996 416 1.6L 1995 - 2000
SEAT	CORDOBA 1.6L/1.8L 1993 - 2002 CORDOBA 1.6L 2002 - 2009 IBIZA 1.4L 2002 - 2009 IBIZA 1.6L 1994 - 1999 TOLEDO 1.6L 1991 - 1999
SKODA	ABİA 1.4L 1999 - 2002 OCTACVIA 1.6L 1996 - 2000 OCTAVIA 1.9 TDI 2001 - 2006
VW	GOLF III 1.6L 1994 - 1999 GOLF III 1.8L 1991 - 1998 GOLF IV 2.0L 1998 - 2003 POLO 1.6L 1995 - 2001 PLO 1.2L 2001 - 2004 POLO 1.4L 2001 - 2009

BO 1763

BSX 175-176 5x12x10, 9/11,6 12 Volt
UYGUN OEM NO / REPLACING OE-REF

1 004 336 239, 1 004 336 415, 1 004 336 421, 1 004 336 428,
1 004 336 432, 1 004 336 462, 1 004 336 744, 1 004 336 801,
1 004 336 809, 1 004 336 813, 1 004 336 814, 1 004 336 820,
1 004 336 827, 1 004 336 842, 1 004 336 957, 1 004 336 964,
1 004 336 970, 1 004 336 975, 1 004 336 989, 1 007 336 957

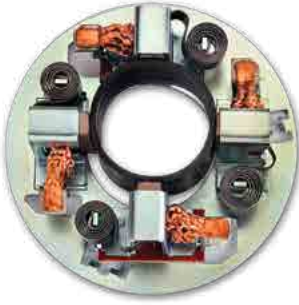
MOTOR NO / UNIT NO

0 001 106 011	0 001 107 040	0 001 107 075	0 001 121 001
0 001 106 014	0 001 107 041	0 001 107 076	0 001 121 002
0 001 106 015	0 001 107 043	0 001 107 078	6 004 AA0 003
0 001 106 016	0 001 107 044	0 001 107 079	6 004 AA0 018
0 001 107 009	0 001 107 045	0 001 107 080	9 000 081 004
0 001 107 012	0 001 107 046	0 001 107 082	9 000 081 006
0 001 107 014	0 001 107 047	0 001 107 083	9 000 081 007
0 001 107 015	0 001 107 048	0 001 107 085	9 000 694 022
0 001 107 016	0 001 107 049	0 001 107 087	9 000 694 035
0 001 107 017	0 001 107 054	0 001 107 088	9 000 694 044
0 001 107 018	0 001 107 055	0 001 107 089	9 007 045 009
0 001 107 019	0 001 107 058	0 001 107 090	9 007 045 018
0 001 107 024	0 001 107 059	0 001 107 091	9 007 045 020
0 001 107 025	0 001 107 060	0 001 107 092	B 001 110 240
0 001 107 026	0 001 107 061	0 001 107 093	
0 001 107 027	0 001 107 062	0 001 107 094	
0 001 107 028	0 001 107 063	0 001 107 095	
0 001 107 029	0 001 107 066	0 001 107 097	
0 001 107 030	0 001 107 067	0 001 107 103	
0 001 107 033	0 001 107 068	0 001 107 104	
0 001 107 034	0 001 107 069		
0 001 107 037	0 001 107 073		
0 001 107 038	0 001 107 074		

saat yönü tersi / anticlockwise
kablo boyu / cable length 50 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

FORD	FOCUS 2.0L 1998 - 2005 MONDEO 1.6/1.8L/2.0L 1996-2000 KA 1.3L 1996 - 2002
SEAT	CORDOBA 1.6L 1997 - 2002 IBIZA 1.4L 1993 - 1999 IBIZA 1.6L 1993 - 2003

BO 1771**BSX 177****9x36x18****24 Volt****ARAÇ MODELİ / VEHICLE MODEL****UYGUN OEM NO / REPLACING OE-REF**
2 004 336 078**MOTOR NO / UNIT NO**

0 001 371 004	0 001 371 015
0 001 371 006	0 001 371 016
0 001 371 008	0 001 371 018
0 001 371 010	0 001 371 019
0 001 371 013	0 001 371 020

CAT	EXCAVATÖR 1983 ->
CUMMINS	DİZEL MOTOR
DAF	CF 85.430 2001 ->
	XF 95.430/XF 95.480/XF
	95.580 1998 ->
SCANIA	94.310 1996 - 2002

4 KÖMÜRLÜ / WITH 4 BRUSHES**BO 1851****BSX 184-185****4,6x12x10,5/11,2****12 Volt****ARAÇ MODELİ / VEHICLE MODEL****UYGUN OEM NO / REPLACING OE-REF**

1 004 336 502, 1 004 336 505, 1 004 336 510, 1 004 336 525,
1 004 336 526, 1 004 336 534, 1 004 336 542, 1 004 336 547,
1 004 336 593, 1 004 336 600, 1 004 336 608, 1 004 336 630,
1 004 336 632, 1 004 336 636, 1 004 336 702, 1 004 336 703,
1 004 336 711, 1 004 336 718, 1 004 336 723, 1 004 336 866,
1 104 336 702

MOTOR NO / UNIT NO

0 001 107 401	0 001 107 425	0 001 107 453
0 001 107 402	0 001 107 426	0 001 107 456
0 001 107 403	0 001 107 427	0 001 107 474
0 001 107 404	0 001 107 428	0 001 107 478
0 001 107 405	0 001 107 429	0 001 107 479
0 001 107 406	0 001 107 430	0 001 107 508
0 001 107 407	0 001 107 431	0 001 107 509
0 001 107 408	0 001 107 432	0 001 121 422
0 001 107 409	0 001 107 435	0 001 121 423
0 001 107 410	0 001 107 436	0 001 121 427
0 001 107 411	0 001 107 437	0 001 121 428
0 001 107 415	0 001 107 442	0 001 121 443
0 001 107 417	0 001 107 443	0 001 121 444
0 001 107 418	0 001 107 446	F 002 G20 485
0 001 107 421	0 001 107 447	F 002 G20 594
0 001 107 422	0 001 107 450	F 002 G20 669
0 001 107 423	0 001 107 451	
0 001 107 424	0 001 107 452	

saat yönü / clockwise

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

AUDI	A4 1.6/2.0 TSFI 2005 - 2008
BMW	116 1.6i 2003 - 2012
	118 2.0i 2004 - 2012
	316 1.6i 2005 - 2011
	318 2.0i 2005 - 2011
	320 2.0i 2005 - 2011
FIAT	LINEA 1.3 MJET 2007 - 2015
FORD	FIESTA 1.25L 1995 - 2008
	FIESTA 1.4L 1996 - 2008
	FIESTA 1.6L 2001 - 2008
	FOCUS 1.6L 1998 - 2011
	FUSION 1.6L 2004 - 2011
M.BENZ	C180 1.6L/C200 1.6L/C220 1.6L
	2002 - 2008
	C180 1.6/1.6/1.8L 2008 - 2014
	CLC160 1.6L 2009 - 2014
	CLK200 1.8/2.0L 2006 - 2014
	E200 1.8L 2002 - 2014
	E250 1.8L 2009 - 2014
	SLK200 1.8L 2004 - 2010
OPEL	ASTRA G 1.4/1.6L 1998 - 2004
	ASTRA H 1.6L 2004 - 2009
	ASTRA H 1.3 CDTI 2005 - 2009
	COMBO 1.4L 1997 - 2001
	COMBO 1.3 CDTI 2004 - 2011
	CORSA B 1.2/1.4L 1994 - 2000
	CORSA C 1.0/1.2L 2000 - 2006
	CORSA C/D 1.3 CDTI 2004-2014
	CORSA D 1.0/1.2/1.4L 2006-2014
	MERIVA 1.6L 2003 - 2010
	MERIVA 1.3 CDTI 2004 - 2010
	TIGRA 1.6L 1997 - 2000
	VECTRA B 1.6L 1995 - 2002
	VECTRA C 1.6L 2006 - 2008
	ZAFIRA 1.6L 1999 - 2014
VOLVO	S40 1.6L 2005 - 2012

BO 1911

BSX 190-191 6,4x25x15,4/16,4 24 Volt
UYGUN OEM NO / REPLACING OE-REF

6 033 ADO 130, 6 033 ADO 156, 6 033 ADO 380, 6 033 ADO 471, 6 033 AD4 026, 6 033 AD4 161, 6 033 AD4 180, 9 003 334 363

MOTOR NO / UNIT NO

0 001 231 002	0 001 231 011
0 001 231 003	0 001 231 012
0 001 231 004	0 001 231 014
0 001 231 005	0 001 231 016
0 001 231 006	0 001 231 017
0 001 231 007	0 001 231 032
0 001 231 009	0 001 231 033
0 001 231 010	

saat yönü / clockwise

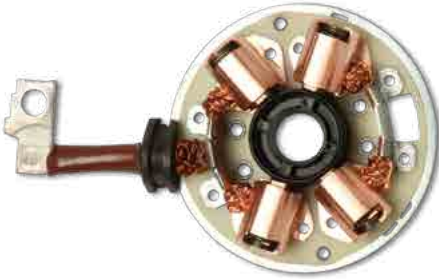
4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

IVECO EUROCARGO 100E18 2000 ->
EUROCARGO 120E18 2000 ->
EUROCARGO 130E15 2000 ->
EUROCARGO 150E18 2000 ->

M.BENZ NG SERİSİ ASKERİ ARAÇLAR
ATEGO 1215 1998 - 2004
ATEGO 815 1996 - 2001
ATEGO 1517 1996 - 2004
ATEGO 1518 2004 - 2006
AXOR 1824 2006 - 2013
AXOR 2523 1998 - 2004
AXOR 2528 1998 - 2004
AXOR 2628 1998 - 2006
AXOR 2640 2004 ->
CITARO HALK OTOB. 1999 - 2004
UNIMOG 2000 ->

RENAULT MIDLUM 135.08/.09/.10 2000-2001
MIDLUM 150.10/.12 2000-2006
MIDLUM 180.08/.10/.12 2000-2006
MIDLUM 210./220./250./270
SERİLERİ 2000 - 2006

BO 1931

BSX 192-193 6x22x13/15 12 Volt
UYGUN OEM NO / REPLACING OE-REF

6 033 ADO 014, 6 033 ADO 159, 6 033 ADO 160, 6 033 ADO 221, 6 033 ADO 368, 6 033 ADO 401, 6 033 ADO 404, 6 033 ADO 407, 6 033 AD1 155, 6 033 AD1 244, 6 033 AD1 246, 6 033 AD1 250, 6 033 AD1 252, 6 033 AD1 294, 6 033 AD1 311, 6 033 AD1 349, 6 033 AD1 350, 6 033 AD1 495

MOTOR NO / UNIT NO

0 001 218 602	0 001 218 737	0 001 218 770
0 001 218 620	0 001 218 738	0 001 218 771
0 001 218 703	0 001 218 740	0 001 218 772
0 001 218 710	0 001 218 741	0 001 218 774
0 001 218 711	0 001 218 742	0 001 218 776
0 001 218 712	0 001 218 754	0 001 218 777
0 001 218 715	0 001 218 757	0 001 218 805
0 001 218 716	0 001 218 758	0 001 218 808
0 001 218 719	0 001 218 759	0 001 218 809
0 001 218 722	0 001 218 763	0 001 218 812
0 001 218 725	0 001 218 764	0 001 218 814
0 001 218 728	0 001 218 765	0 001 218 815
0 001 218 730	0 001 218 766	0 001 218 822
0 001 218 735	0 001 218 767	0 001 223 013
0 001 218 736	0 001 218 768	

saat yönü ve saat yönü tersi / clockwise and anticlockwise

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODELS

AUDI 100 2.0D 1985 - 1990

CITROEN JUMPER 2.5D/TD 1994 - 2002
JUMPER 2.8 HDI 2000 ->

JEEP G.CHEROKEE 2.5 TD 1995 - 1999

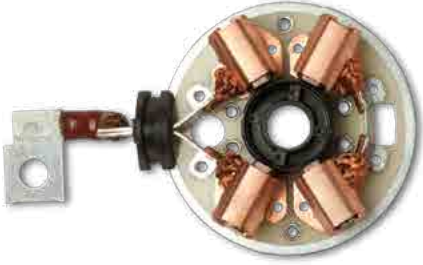
J.DEERE 100F 3.0D

FIAT DUCATO 2.3/2.8 JTD 2002 - 2006

L.ROVER DEFENDER 2.5 TD 1990 - 2001
DISCOVERY 2.5 TD 1989 - 1998

PEUGEOT BOXER 2.5D/TD 1994 - 2002
BOXER 2.8 HDI 2000 - 2006

VW CRAFTY LT 28/35/46 2.8 TDI
1997 - 2006

BO 1951**BSX 194-195** **7,5x27x15,4/16,4** **12 Volt****UYGUN OEM NO / REPLACING OE-REF**

6 033 AD0 166, 6 033 AD0 370, 6 033 AD0 374, 6 033 AD3 022, 6 033 AD3 042, 6 033 AD3 058, 9 003 334 368

MOTOR NO / UNIT NO

0 001 230 001	0 001 230 008	0 001 230 020
0 001 230 002	0 001 230 009	0 001 230 021
0 001 230 003	0 001 230 010	0 001 230 022
0 001 230 004	0 001 230 011	0 001 230 023
0 001 230 005	0 001 230 012	0 001 230 024
0 001 230 006	0 001 230 014	0 001 230 026
0 001 230 007	0 001 230 018	

saat yönü / clockwise

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

FIAT	110.90 5.4D 1986 - 1988
IVECO	8361 D.MOTOR 1983 - 2000
J.DEERE	6215/6220/6320 2001 - 2006 6420/6620/6820/6920 2001 - 2006
KOMATSU	WB 97S-5 BACKHOE LOADER
N.HOLLAND	L95 1996 - 1999
SAME	EXPLORER 90 1986 -> FRUTTETO 75 1991 ->

BO 1961**BSX 196** **12 Volt****UYGUN OEM NO / REPLACING OE-REF**

1 004 336 822	9948244	23378-9F600
1 004 336 838	F 000 AL1 921	235281
1 004 336 854	F 000 AL2 050	333297
1 004 336 856	F 000 AL2 051	5825 C7
1 004 336 861	F 000 AL2 052	7 7123 1
77 01 047 323	139550	333649

MOTOR NO / UNIT NO

0 001 116 001
0 001 116 003
0 001 116 004
0 001 116 005
0 001 116 006
0 001 116 008
0 001 116 009

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

CITROEN	AX, BERLINGO, C2, C3, C4, SAXO, XSARA, XSARA PICASSO
FIAT	BRAVA, BRAVO, CINQUECENTO, MAREA, PUNTO, SEICENTO, SIENA Y, Y10
LANCIA	
NISSAN	KUBISTAR, MICRA, MICRA C+C, NOTE
PEUGEOT	1007, 106, 206, 206+, 207 SW, 306, 307, PARTNER
RENAULT	CLIO, CLIO GRANDTOUR, KANGOO, MODUS / GRAND MODUS, THALIA, TWINGO

BO 1962**BSX 196** **12 Volt****UYGUN OEM NO / REPLACING OE-REF**

1 004 336 822	9948244	23378-9F600
1 004 336 838	F 000 AL1 921	235281
1 004 336 854	F 000 AL2 050	333297
1 004 336 856	F 000 AL2 051	5825 C7
1 004 336 861	F 000 AL2 052	7 7123 1
77 01 047 323	139550	333649

MOTOR NO / UNIT NO

0 001 116 001
0 001 116 003
0 001 116 004
0 001 116 005
0 001 116 006
0 001 116 008
0 001 116 009

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

CITROEN	AX, BERLINGO, C2, C3, C4, SAXO, XSARA, XSARA PICASSO
FIAT	BRAVA, BRAVO, CINQUECENTO, MAREA, PUNTO, SEICENTO, SIENA Y, Y10
LANCIA	
NISSAN	KUBISTAR, MICRA, MICRA C+C, NOTE
PEUGEOT	1007, 106, 206, 206+, 207 SW, 306, 307, PARTNER
RENAULT	CLIO, CLIO GRANDTOUR, KANGOO, MODUS / GRAND MODUS, THALIA, TWINGO

BO 1971

BSX 197
9x36x18
12 Volt
ARAÇ MODELİ / VEHICLE MODEL
UYGUN OEM NO / REPLACING OE-REF

2 004 336 079

MOTOR NO / UNIT NO

 0 001 370 001 9 000 453 065
 0 001 370 002 9 000 453 066
 0 001 370 003 9 000 453 067
 0 001 370 004 9 000 453 068
 9 000 453 029

**MERCEDES
VOLKSWAGEN
DAF**
BMC LEYLAND 45.130 / 45.150,-Turbo
 45.160,-Turbo
 45.180,-Turbo
 45.210

4 KÖMÜRLÜ / WITH 4 BRUSHES
BO 1991

BSX 198-199
8x25x13
24 Volt
ARAÇ MODELİ / VEHICLE MODEL
MOTOR NO / UNIT NO

 0 001 368 083
 IE (R) 24 V ve 4.0 Kw

DAF 45.120/130/150/160/180/210
 1991 - 2000
 55.180/210/230 1995 ->

LEYLAND KAMYON / TRUCK

4 KÖMÜRLÜ / WITH 4 BRUSHES
BO 2011

BSX 200-201
6x18x12,7/14,2
12 Volt
ARAÇ MODELİ / VEHICLE MODEL
UYGUN OEM NO / REPLACING OE-REF

 1 004 336 516, 1 004 336 555, 1 004 336 622, 1 004 336 756,
 1 004 336 893

MOTOR NO / UNIT NO

 0 001 125 511
 0 001 125 512
 0 001 125 513
 0 001 125 514
 0 001 125 517
 0 001 125 518

 saat yönü /clockwise
 kablo boyu / cable length 65 mm

VW LT 28-35 2.5 TDI 1996 - 2006
 LT 40-55 2.5 TDI 1996 - 2006
 VOLT 2.5 TDI 1996 - 2006

4 KÖMÜRLÜ / WITH 4 BRUSHES
BO 2012

BSX 200-201
6x18x12,7/14,2
12 Volt
ARAÇ MODELİ / VEHICLE MODEL
UYGUN OEM NO / REPLACING OE-REF

1 007 010 124, 1 007 010 135

MOTOR NO / UNIT NO

 0 001 107 037 0 001 109 330 0 001 109 371
 0 001 109 267 0 001 109 336 0 001 109 403
 0 001 109 268 0 001 109 337 0 001 125 025
 0 001 109 269 0 001 109 343 0 001 125 057
 0 001 109 270 0 001 109 355 0 001 125 059
 0 001 109 306 0 001 109 356 0 001 125 600
 0 001 109 307 0 001 109 357

 saat yönü tersi / anticlockwise
 VW aşırı yüklemeye, korumalı marş / VW overload protected starter,
 kablo boyu / cable length 55 mm

SKODA FELICIA 1.9D 1996 - 2001
 OCTAVIA 1.6L 1998 - 2010
VW GOLF III 1.6L 1991 - 1998
 GOLF III 1.8L 1991 - 1998
 GOLF III 2.0L 1991 - 1998
 GOLF IV 1.6L 1998 - 2002

4 KÖMÜRLÜ / WITH 4 BRUSHES

BO 2013**BSX 200-201** **6x18x12,7/14,2** **12 Volt****UYGUN OEM NO / REPLACING OE-REF**
1 004 336 518, 1 004 336 894**MOTOR NO / UNIT NO**

0 001 109 202	0 001 109 303
0 001 109 203	0 001 109 305
0 001 109 205	0 001 109 324
0 001 109 250	0 001 109 325
0 001 109 302	0 001 125 053
	0 001 125 054

kablo boyu / cable length 55 mm

ARAÇ MODELİ / VEHICLE MODEL

AUDI A4 2.0 TDI 2004 - 2008
A6 2.0 TDI 2004 - 2011

BMW 760 6.0L 2002 - 2008
760 5.9L 2003 - 2005

CITROEN JUMPER 2.2 HDI 2006 ->

FIAT DUCATO 2.2 JTD 2006 ->
DUCATO 2.3 M.JET 2006 ->

FORD TRANSIT 2.2/2.4 D 2006 - 2013

M.BENZ SPRINTER 208 / 308 / 313 /
413 / 416 2.1 CDI 2000 - 2006
SPRINTER 211/213/215/311
2.1 CDI 2000 ->
SPRINTER 313/316 2.7 CDI
2000 - 2006
SPRINTER 315 2.1 CDI 2006 ->
C200 2.1 CDI 2000 - 2007
C220 2.1 CDI 2000 - 2003
C220 2.2 CDI 1997 - 2007
E200 2.0D 1997 - 1999
E200 2.1/2.2 CDI 1999 - 2002
E220 2.1 CDI 2003 - 2009
E220 2.2 CDI 1999 - 2009
E220 2.2 D 1995 - 1999
E250 2.5 TD 1993 - 1999
E270 2.7 CDI 1999 - 2009
E290 2.9 TD 1996 - 1999
S320 3.2 CDI 1999 - 2006
VIANO 2.1/2.2 CDI 2003 - 2013
VITO 108 2.2CDI/2.3D 1999- 2003
VITO 109 2.1 CDI 2003 - 2013
VITO 110 2.2CDI/2.3D/2.3TD
1999 - 2003
VITO 111/115 2.2 CDI 2003 - 2006
VITO 115 2.2 CDI 2003 - 2013

PEUGEOT BOXER 2.2 HDI 2006 ->

4 KÖMÜRLÜ / WITH 4 BRUSHES**BO 2031****BSX 202-203** **9X32X23** **24 Volt****UYGUN OEM NO / REPLACING OE-REF**
2004336091, 6033AD6098**MOTOR NO / UNIT NO**1330008,
STB1400,
STB1400WA**ARAÇ MODELİ / VEHICLE MODEL****SCANIA** R500**4 KÖMÜRLÜ / WITH 4 BRUSHES****BO 2032****BSX 202-203** **9x32x23** **24 Volt****UYGUN OEM NO / REPLACING OE-REF**
2004336092, 2004336111, 2004336125, 6033AD0384**MOTOR NO / UNIT NO**

0001330004	STB1645MN
0001330007	STB3279MN
0001330008	STB3981MN
0001330011	STB4007MN
0001330012	STB4007WA
0001330013	STB6510MN
0001330014	STB6510WA
0001330502	STB9012MN
000133E707	STB9012WA
0001 33F412	STB9609MN
STB1400YN	STB9609WA
STB1472MN	

6 KÖMÜRLÜ / WITH 6 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL****Komatsu** 600-813,
VOLVO PENTA TAD1240GE 2010-

BO 2051

BSX 204-205 4,6x10x12,0/12,7 12 Volt
UYGUN OEM NO / REPLACING OE-REF

1 004 336 506, 1 004 336 879, 1 004 336 896

MOTOR NO / UNIT NO

0 001 106 403	0 001 120 403	0 001 121 403
0 001 106 404	0 001 120 404	0 001 121 408
0 001 106 405	0 001 120 405	0 001 121 409
0 001 106 406	0 001 120 406	0 001 121 410
0 001 106 407	0 001 120 407	0 001 121 411
0 001 106 409	0 001 120 408	0 001 121 412
0 001 106 410	0 001 120 409	0 001 121 413
0 001 120 400	0 001 120 410	
0 001 120 401	0 001 120 411	
0 001 120 402	0 001 121 402	

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

AUDI	A3 1.2 TSI 2010 - 2012 A3 1.6 FSI 1.6/1.8/2.0 FSI 2003 - 2010
CITROEN	BERLINGO 1.6L 2009 -> C3 1.2 VTI 2012 - 2016 C3 1.4/1.6 VTI 2009 - 2016 C4 1.4/1.6 THP/VTI 2009 - 2016 C5 1.6 THP/VTI 2010 - 2016 DS3 1.2/1.4/1.6 THP/VTI 2011 -> DS4/DS5 1.6 THP 2011 ->
MINI	COOPER 1.6L 2006 - 2015 COOPER CLUBMAN 1.6L 2006-2015 COOPER COUNTRYMAN 1.6L 2010 - 2016 COOPER COUPE 1.6L 2011 - 2015 COOPER PACEMAN 1.6L 2013-2016 COOPER ROADSTER 1.6L 2012-2016 COOPER S 1.6L 2006 - 2016 COOPER S CLUBMAN 1.6L 2007 - 2015 COOPER S COUNTRYMAN 1.6L 2010-2016 COOPER S COUPE 1.6L 2011 - 2015 COOPER S PACEMAN 1.6L 2013-2016 COOPER S ROADSTER 1.6L 2012-2016 COOPER S J.COOPER 1.6L 2007 - 2015 ONE 1.4/1.6L 2007 - 2014 ONE CLUBMAN/COUNTRYMAN 1.6L 2009 - 2016
PEUGEOT	207 1.4/1.6L 2007 - 2014 208 1.0/1.2/1.4/1.6L 2012 -> 3008 1.6L 2009 - 2016 308 1.2L 2013 -> 308 1.6L 2007 - 2013 508 1.6L 2010 ->
SEAT	ALTEA / ALTEA XL 1.2 TSI 2010-2015 ALTEA XL 1.6L 2006 - 2010 IBIZA 1.2 TSI 2010 - 2017 IBIZA 1.4/1.6L 2008 - 2017 LEON 1.2 TSI 2010 - 2012 LEON 1.6L 2005 - 2010 TOLEDO 1.2/1.6 TSI 2012 ->
SKODA	FABIA 1.2L 2011 - 2014 FABIA 1.4L 2007 - 2014 OCTAVIA 1.2 TSI 2010 - 2013 OCTAVIA 1.6L 2004 - 2010 YETI 1.2 TSI 2009 ->
VW	RAPID 1.2TSI/1.6L/1.6 TDI 2012 -> ROOMSTER 1.4/1.6L 2006 - 2015 BEETLE 1.2 TSI 2012 -> GOLF VI 1.2 TSI 2009 - 2012 GOLF V 1.4/1.6/2.0 L 2004 - 2009 JETTA 1.2 TSI 2011 - 2017 JETTA 1.6/2.0 2005 - 2011 PASSAT 1.6L 2005 - 2015 POLO 1.2TSI/1.4L/1.6L 2009 -> TOURAN 1.6L 2005 - 2015 TIGUAN 1.4/2.0 TFSI 2007 - 2016

BO 2111**BSX 210-211 4,6x16x11,5/12,2 12 Volt****UYGUN OEM NO / REPLACING OE-REF**1 004 336 527, 1 004 336 565, 1 004 336 704, 1 004 336 769,
1 004 337 140**MOTOR NO / UNIT NO**

0 001 108 405	0 001 108 445
0 001 108 406	0 001 108 446
0 001 108 408	0 001 108 466
0 001 108 430	0 001 108 467
0 001 108 431	

saat yönü / clockwise

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

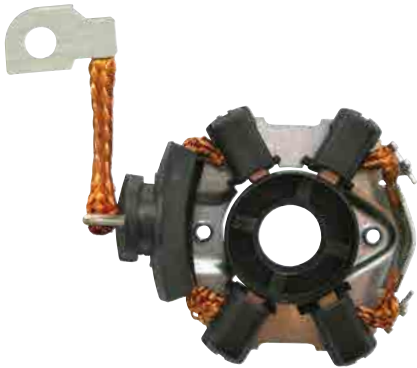
FORD	C-MAX 1.6L 2003 - 2007 FOCUS 1.4/1.6L 2004 - 2011
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BO 2112**BSX 210-211 4,6x16x11,5/12,2 12 Volt****UYGUN OEM NO / REPLACING OE-REF**1 004 338 102, 1 004 338 176, 1 004 338 126, 1 004 338 140,
0 399 D77 075**MOTOR NO / UNIT NO**

0 399 D77 075	0 001 177 009 0	0 001 179 505
0 001 177 000	001 177 010	0 001 179 512
0 001 177 001	0 001 177 011	0 001 179 522
0 001 177 002	0 001 177 012	0 001 179 523
0 001 177 006	0 001 179 500	
0 001 177 007	0 001 179 502	
0 001 177 008	0 001 179 503	

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODELS**

AUDI	A3 1.2L, 1.4 ve 1.8 TSFI 2013
SEAT	LEON 1.2, 1.4 ve 1.8 TSFI 2013
SKODA	OCTAVIA 1.4 TSFI 2013 -> SUPERB 1.4 TSFI 2013 ->
VW	GOLF VII 1.4 TSFI 2013 -> JETTA 1.4 TSFI 2013 -> TIGUAN 1.4 TSFI 2013 -> POLO 1,2 TSFI 2013 -> GOLF 1.0, 1.2 TSFI 2013 ->

BO 2131**BSX 212-213 5x16x11,5/13 12 Volt****UYGUN OEM NO / REPLACING OE-REF**1 004 336 536, 1 004 336 712, 1 004 336 727, 1 004 336 770,
1 004 336 888**MOTOR NO / UNIT NO**

0 001 108 157	0 001 108 213	0 001 108 234
0 001 108 190	0 001 108 214	0 001 108 235
0 001 108 196	0 001 108 217	0 001 108 239
0 001 108 202	0 001 108 218	0 001 108 240
0 001 108 204	0 001 108 222	
0 001 108 208	0 001 108 223	
0 001 108 209	0 001 108 224	
0 001 108 211	0 001 108 230	
0 001 108 212	0 001 108 231	

kablo boyu / cable length 60 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

BMW	16 1.6/1.9L 1998 - 2006 318 1.8L 1993 - 1997 320 2.0L 1990 - 2006 325 2.5L 1995 - 2005 330 3.0L 2000 - 2006 520 2.0L 1995 - 2010 520 2.2L 2000 - 2010 525 2.5L 1991 - 2005 530 3.0L 2000 - 2010 X5 3.0L 2000 - 2006
FIAT	BRAVO 1.9 MJET 2007 - 2014 DOBLO 1.9D 2001 - 2009 G.PUNTO 1.9D 2005 - 2009 PUNTO 1.9D 2003 - 2010 STILO 1.9D 2001 - 2007
M.BENZ	C320 3.0 CDI 2007 - 2014 CLK320 1997 - 2003 CLS350 3.0 CDI 2011 -> E280 2.8L 1997 - 2003 E280 3.0 CDI 2005 - 2009 E300 3.0 CDI 2010 - 2016 E320 3.0 CDI 2005 - 2009 E320 3.2L 1997 - 2003 E350 3.0 CDI 2009 - 2016 R SERİSİ 2006 -> S320 3.0 CDI 2005 - 2009 S320 3.2L 1998 - 2002 S350 3.0 CDI 2009 - 2013 S500 5.0L 1998 - 2005 S55 AMG 5.0L 2000 - 2005 SPRINTER 3.0 CDI 218 / 318 / 418 / 518 2006 -> SPRINTER 3.0 CDI 219 / 319 / 419 / 519 2009 -> VIANO 3.0 CDI 2006 -> VITO 3.0 CDI 120/122 2006 ->
OPEL	ASTRA H 1.9D 2004 - 2009 VECTRA 1.9D 2004 - 2008

BO 2132

BSX 212-213 **5x16x11,5/13** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF

1 004 336 521, 1 004 336 568, 1 004 336 773, 1 004 336 898

MOTOR NO / UNIT NO

0 001 108 203

kablo boyu / cable length 60 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODELS
LADA KALINA 1.4L 2007 ->
 KALINA 1.6L 2004 ->
 PRIORA 1.6L 2008 ->

BO 2151

BSX 214-215 **6x18x11,0/12,5** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF

 1 004 336 513, 1 004 336 522, 1 004 336 553, 1 004 336 584,
 1 004 336 591, 1 004 336 663, 1 004 336 677, 1 004 336 678,
 1 004 336 754, 1 004 336 792, 1 004 336 798, 1 004 336 876,
 1 004 336 890, 1 004 336 899

MOTOR NO / UNIT NO

0 001 115 079	0 001 115 021	0 001 115 040
0 001 109 030	0 001 115 025	0 001 115 041
0 001 109 045	0 001 115 008	0 001 115 045
0 001 109 253	0 001 115 047	0 001 115 046
0 001 109 268	0 001 115 048	0 986 021 230
0 001 109 269	0 001 115 074	
0 001 109 270	0 001 115 075	

kablo boyu / cable length 65 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
BMW 118/120 2.0D 2004 - 2013
 318/320 2.0D 2005 - 2013
 325/330/335 3.0D 2005 - 2013
 520 2.0D 2005 - 2010
 525/530/535 3.0D 2005 - 2010
 730 3.0D 2008 - 2015
 X3 3.0D 2004 - 2010
 X5/X6 3.0D 2007 - 2014
FIAT DUCATO 2.3 JTD 2006 ->
M.BENZ BRAVO 1.6 M.JET 2008 - 2016
 Vaneo 1.7 CDI 2002 - 2005
 C200/C220 2.1 CDI 2007 - 2014
 CLC220/CLK220 2.1
 CDI 2007 - 2014
 E200/E220 2.1 CDI 2007 - 2014
 SPRINTER 209/2011/213/215 2.1
 CDI 2006 ->
 SPRINTER 3009/311/313/315 2.1
 CDI 2006 ->
 SPRINTER 509/511/515 2.1
 CDI 2006 ->

BO 2152

BSX 231-232-215 **6.0x18x11.0/12.5** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF

 1 004 336 520, 1 004 336 557, 1 004 336 650,
 1 004 336 758, 1 004 336 897

MOTOR NO / UNIT NO

0 001 108 403	0 001 123 017	0 001 123 027
0 001 123 012	0 001 123 018	0 001 123 028
0 001 123 013	0 001 123 019	0 001 123 029
0 001 123 014	0 001 123 020	0 001 123 038
0 001 123 015	0 001 123 021	0 001 123 039
0 001 123 016	0 001 123 026	

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
AUDI A3 2.0 Tdi 2004 ->
M.BENZ C SERİSİ 2005 ->
VW JETTA 1.6 TDi 2009 ->
 GOLF VI 1.6 TDi 2009 2013
 PASSAT 2.0 TDi 2005 ->
 CADDY 1.9 TDi 2005 ->

BO 2153

BSX 231-232-215 **6.0x18x11.0/12.5** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF

1 004 336 669

MOTOR NO / UNIT NO

0 001 115 074
0 001 115 075
0 001 115 076
0 001 115 077

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
M.BENZ SPRINTER 209/211/215 2.1
 CDI 2006 ->
 SPRINTER 309/311/313/315 2.1
 CDI 2006 ->

BO 2154**BSX 231-232-215 6.0x18x11.0/12.5 12 Volt****UYGUN OEM NO / REPLACING OE-REF**1 004 336 515, 1 004 336 554, 1 004 336 661,
1 004 336 755, 1 004 336 892**MOTOR NO / UNIT NO**0 001 115 022
0 001 115 023**ARAÇ MODELİ / VEHICLE MODEL****PEUGEOT** 208 1.2L 2012 ->
2008 1.2L 2013 ->
VW PHEATON 3.2L 2002 - 2008**4 KÖMÜRLÜ / WITH 4 BRUSHES****BO 2155****BSX 231-232-215 6.0x18x11.0/12.5 12 Volt****UYGUN OEM NO / REPLACING OE-REF**1 004 336 523, 1 004 336 558, 1 004 336 653,
1 004 336 700, 1 004 336 759**MOTOR NO / UNIT NO**

0 001 123 044

ARAÇ MODELİ / VEHICLE MODEL**SEAT** ALTEA 2.0 TDI 2004 - 2015
ALTEA XL 2.0 TDI 2006 - 2015
SKODA OCTAVIA 2.0 TDI 2010 - 2013
VW GOLF VI 2.0 TDI 2010 - 2013
TRANSPORTER 1.9/2.0 TDI
2009 - 2016**4 KÖMÜRLÜ / WITH 4 BRUSHES****BO 2171****BSX 216-217 5.35x27.77x18 24 Volt****UYGUN OEM NO / REPLACING OE-REF**6 033 AD4 016, 6 033 AD4 194, 6 033 AD5 128,
6 033 AD5 179, 6 033 AD5 316, 6 033 AD5 320**MOTOR NO / UNIT NO**

0 001 231 004	0 001 231 023	0 001 231 040
0 001 231 005	0 001 231 026	0 001 231 041
0 001 231 006	0 001 231 027	0 001 231 045
0 001 231 007	0 001 231 028	0 001 241 004
0 001 231 008	0 001 231 029	0 001 241 019
0 001 231 009	0 001 231 030	0 001 241 020
0 001 231 012	0 001 231 034	0 001 241 022
0 001 231 013	0 001 231 035	0 001 241 023
0 001 231 019	0 001 231 036	6 033 AS4 108

ARAÇ MODELİ / VEHICLE MODELS**A.COPCO** TCD2012 MOTORLU ARAÇLAR
DAF CF/LF/XF SERİLERİ 2001 ->
8/9/10/12/14/15 SERİLERİ
DEUTZ BF/D/F/TCD SERİLERİ
KHD BF4 L1011 1989 ->
MAN 8/9/10/12/14/15/17 SERİLERİ
SCANIA R SERİSİ 2005 ->
VOLVO FM 7 250/290 1998 - 2001**4 KÖMÜRLÜ / WITH 4 BRUSHES****BO 2191****BSX 218-219 5x12x10,9/11,6 12 Volt****UYGUN OEM NO / REPLACING OE-REF**

1 004 336 577, 1 004 336 786

MOTOR NO / UNIT NO0 001 107 107
0 001 108 168

kablo boyu / cable length 65 mm

ARAÇ MODELİ / VEHICLE MODEL**LOMBARDINI** 15LD 400 1985 ->**4 KÖMÜRLÜ / WITH 4 BRUSHES**

BO 2192

BSX 218-219 5x12x10,9/11,6 12 Volt
UYGUN OEM NO / REPLACING OE-REF

 1 004 336 529, 1 004 336 587, 1 004 336 795,
1 004 336 797, 1 004 336 978

MOTOR NO / UNIT NO

 0 001 107 103
0 001 107 107
0 001 107 109
0 001 107 110
0 001 107 111
0 001 121 024
0 001 121 031

kablo boyu / cable length 65 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
SEAT CORDOBA 1.4/1.6L 1993 - 2009
IBIZA 1.4/1.6L 1993 - 2008
INCA 1.4L 1997 - 2003
SKODA FABIA 1.4L 1999 - 2007
VW GOLF III 1.4/1.6L 1992 - 1995
LUPO 1.4L 1999 ->
POLO 1.4/1.6L 1995 - 2001

BO 2211

BSX 220-221 6x18x14.2/15.7 12 Volt
UYGUN OEM NO / REPLACING OE-REF

1 004 336 549, 1 004 336 619, 1 004 336 750, 1 004 336 878

MOTOR NO / UNIT NO

 0 001 125 007 0 001 125 046
0 001 125 008 0 001 125 047
0 001 125 021 0 001 125 051
0 001 125 022 0 001 125 052
0 001 125 031 0 001 125 055
0 001 125 032 0 001 125 056
0 001 125 042 0 001 125 600
0 001 125 043 0 001 125 601

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
AUDI A2 1.4 TDI 1999 - 2005
A3 1.9 TDI 1996 - 2003
SEAT CORDOBA 1.4 TDI 2002 - 2004
CORDOBA 1.9 TDI 1996 - 2004
BIZA 1.4 TDI 2002 - 2004
IBIZA 1.9 TDI 1996 - 2004
LEON 1.9 TDI 1999 - 2012
TOLEDO 1.9 TDI 1994 - 2003
SKODA OCTAVIA 1.9 TDI 1996 - 2006
VW BORA 1.9 TDI 1999 - 2006
CADDY 1.9 TDI 1996 - 2005
GOLF III 1.9 TDI 1996 - 2000
GOLF IV 1.9 TDI 1996 - 2006

BO 2212

BSX 220-221 6x18x14.2/15.7 12 Volt
UYGUN OEM NO / REPLACING OE-REF

1 004 336 639

MOTOR NO / UNIT NO

 0 001 109 069
0 001 109 070

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
BMW 116 2.0D 2004 - 2013
118/120/123 2.0D 2007 - 2013
318/325/ 2.0D 2007 - 2013
320 2.0D 2007 ->
330 3.0D 2009 - 2013
520 2.0D 2007 - 2013
525/530/535/740 3.0D 2010 ->
X1/X3 2.0D 2009 ->
X3/X5/X6 3.0D 2010 ->

BO 2231

BSX 222-223 6,35x27,77x18,20 12 Volt
UYGUN OEM NO / REPLACING OE-REF

 2004336090BOSCH, 2004336094BOSCH
2004336096BOSCH, 2004336097BOSCH

MOTOR NO / UNIT NO

 0 001260001 STB0009MN
000 260004 STB0009WA
0001260025 STB3570MN
0001260026 STB3570WA
0001262022 STB9002MN
296195600 STB9002NB
504357110 STB9002UL
STB0009BA STB9718MN

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
JOHN DEERE 7000 Diesel
VALTRA 6550Hi 2003

BO 2281**BSX 228** 5,25x18x12,7/14,2 12 Volt**UYGUN OEM NO / REPLACING OE-REF**

1 004 336 612, 1 004 336 649

MOTOR NO / UNIT NO

0 001 139 001
0 001 139 002
0 001 139 015
0 001 139 025
0 001 139 029

Start/Stop Starters

6 KÖMÜRLÜ / WITH 6 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

BMW 116 2.0D 2004 - 2013
118/120/123 2.0D 2007 - 2013
318/325/ 2.0D 2007 - 2013
330 3.0D 2009 - 2013
520 2.0D 2007 - 2013
X1 2.0D 2009 ->
M.BENZ SPRINTER 311 / 313 / 315 / 411 /
415 / 511 / 515 2.1 CDI 2007 ->

BO 2282**BSX 228** 5.25x18x12.7x14.2 12 Volt**UYGUN OEM NO / REPLACING OE-REF**

1 004 337 002

MOTOR NO / UNIT NO

0 001 139 029
0 001 139 030
0 001 139 071
0 001 139 072
0 00 1139 408
0 001 139 408
0 001 139 409

6 KÖMÜRLÜ / WITH 6 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

M.BENZ SPRINTER 3,5t 2.1 CDİ 2006 ->
VİTO 110/113/116 2.1
CDİ 2010 ->

BO 2301**BSX 229-230** 4,6x16x12,3/13,8 12 Volt**UYGUN OEM NO / REPLACING OE-REF**

1 004 336 609, 1 004 336 645

MOTOR NO / UNIT NO

0 001 138 011 0 001 138 040
0 001 138 012 0 001 138 043
0 001 138 029 0 001 138 044
0 001 138 030 0 001 138 049
0 001 138 037 0 001 138 050
0 001 138 038 0 001 138 063
0 001 138 039 0 001 138 064

Start/Stop Starters

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

A.ROMEO MITO 1.3 JTDM 2007 ->
BMW 16 1.6L 2007 - 2011
118/120 2.0L 2007 - 2011
125 2.0L 2011 ->
220/228 2.0L 2013 ->
316 1.6L 2007 ->
318 2.0L 2007 ->
320 2.0L 2007 ->
328 2.0L 2011 ->
335 3.0L 2011 ->
420/428 2.0L 2013 ->
435 3.0L 2013 ->
520 2.0L 2011 - 2017
640 2.0L 3.0L 2010 ->
740 3.0L 2012 - 2015
X1 1.6L 2013 - 2015
X1 3.0L 2011 - 2015
X3 2.0L 2011 ->
X3 3.0L 2010 ->
X4 3.0L 2014 ->
X5 3.0L 2013 ->
Z4 2.0L 2011 ->
CHEVROLET AVEO 1.3D 2011 ->
MINI COOPER CLUBMAN/
COUNTRYMAN 1.6D/2.0D
2010 - 2015
ONE 1.6D 2010-2015
OPEL ASTRA J 1.3 CDTI 2010-2015
CORSA D 1.3 CDTI 2006-2014
MERIVA B 1.3 CDTI 2010-2017

BO 2302



BSX 229-230 4,6x16x12,3/13,8 12 Volt

UYGUN OEM NO / REPLACING OE-REF
1 004 336 614, 1 004 336 648, 1 004 337 154

MOTOR NO / UNIT NO
0 001 138 003 0 001 138 047
0 001 138 004 0 001 138 048
0 001 138 005 0 001 138 053
0 001 138 006 0 001 138 054

Start/Stop Starters

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

BMW 114/116/118 1.6L 2010 ->
120 1.6L 2015 ->
316/320 1.6L 2012 ->
MINI COOPER 1.6L 2006 - 2014
COOPER CLUBMAN 1.6L 2006 - 2014
COOPER COUNTRYMAN
1.6L 2010- 2016
COOPER COUPE 1.6L 2011 - 2015
COOPER ROADSTER 2012 - 2015
ONE 1.4/1.6L 2006 - 2014

BO 2303



BSX 229-230 4,6x16x12,3/13,8 12 Volt

UYGUN OEM NO / REPLACING OE-REF
1 004 337 012

MOTOR NO / UNIT NO
0 001 142 001
0 001 142 002
0 399 703 051
0 399 703 052

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

AUDI A1 1.2/1.4 TFSI 2010 ->
SEAT IBIZA 1.2 TFSI 2010 ->
SKODA RAPID 1.2 TFSI 2012 ->
ROOMSTER 1.2 TFSI 2010 ->
VW POLO 1.2 TSI 2011 ->

BO 2331



BSX 233 4,6x14x12,3/13,8 12 Volt

UYGUN OEM NO / REPLACING OE-REF
1 004 336 695

MOTOR NO / UNIT NO
0 001 137 001 0 001 137 011
0 001 137 002 0 001 137 012
0 001 137 003 0 001 138 009
0 001 137 004 0 001 138 045

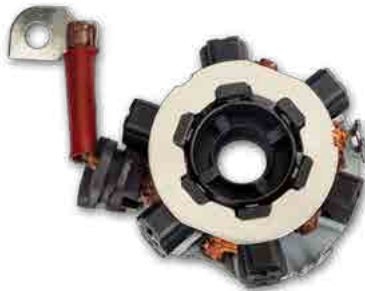
Start/Stop Starters

6 KÖMÜRLÜ / WITH 6 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

A.ROMEO MITO 1.4L 2008 ->
GIULIETTA 1.6 JTDM 2010 ->
FIAT 500 1.2/1.4L 2007 ->
DOBLO 1.6 M.JET 2010 ->
IDEA 1.2/1.4L 2004 - 2011
PUNTO EVO 1.4L/1.6 MJET
2009 - 2012

BO 2351



BSX 234-235 5,25x18x12,7/14,2 12 Volt

UYGUN OEM NO / REPLACING OE-REF
1 004 336 681

MOTOR NO / UNIT NO
0 001 145 001
0 001 145 002

Start/Stop Starters

6 KÖMÜRLÜ / WITH 6 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

AUDI A1 1.6 TDI 2010 ->
A3 1.6 TDI 2009 - 2012
SEAT ALTEA/ALTEA XL 1.6 TDI 2009 - 2015
IBIZA 1.2/1.6 TDI 2010 - 2017
LEON 1.6 TDI 2010 - 2012
SKODA FABIA 1.6 TDI 2010 - 2014
VW GOLF VI 1.6 TDI 2009 - 2013
PASSAT 1.6 TDI 2009 - 2015
POLO 1.6 TDI 2009 ->

BO 2421**BSX 241-242** 6,35x27.77x18.2 24 Volt**UYGUN OEM NO / REPLACING OE-REF**
0 399 D57 009, 2 004 336 100, 2 007 010 183**MOTOR NO / UNIT NO**

0 001 230 021	0 001 261 015	0 001 263 016
0 001 241 008	0 001 261 016	0 001 263 019
0 001261006	0 001 261 071	0 001 263 049
0 001 261 008	0 001 263 004	0 001 263 050
0 001 261 012	0 001 263 007	0 001 263 052
0 001 261 014	0 001 263 008	

S.YÖNÜ / CW

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

SCANIA G230/G270/G310/G340/G380/
G420 2004->
P230/P270/P310/P320/P340/
P380/P420 2004->
R230/R270/R310/R340/R380
2004->

DAF XF105.410/XF105.460/XF105.510
2006->
XF95.460/XF95.530/XF95.560
2006->

BO 2431**BSX 228-243** 5.25x18x12.7/14.2 12 Volt**UYGUN OEM NO / REPLACING OE-REF**
1 004 336 697, 1 004 337 149, 1 004 337 158**MOTOR NO / UNIT NO**

0 001 263 054
0 001 139 02
0 001 139 024
0 001 139 031
0 001 139 032

6 KÖMÜRLÜ / WITH 6 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL****FORD** TRANSİT 2.2 TDCI 2011 - 2014**BO 2432****BSX 228-243** 5.25x18x12.7/14.2 12 Volt**UYGUN OEM NO / REPLACING OE-REF**
1 004 336 699**MOTOR NO / UNIT NO**

0 001 139 017
0 001 139 018
0 001 139 019
0 001 139 020

6 KÖMÜRLÜ / WITH 6 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL****AUDI** A4 2.0 TDI 2007 ->
A5 2.0 TDI 2008 ->
A6 2.0 TDI 2011 ->
Q5 2.0 TDI 2008 ->**BO 2433****BSX 235-228-243** 5.25x18x12.7/14.2 12 Volt**UYGUN OEM NO / REPLACING OE-REF**
1 004 337 050**MOTOR NO / UNIT NO**

0 001 139 045
0 001 139 046
0 001 139 049
0 001 139 050
0 001 139 053
0 001 139 054

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL****AUDI** - A8 6.3L 2011 ->

BO 2441

BSX 244 4,6x19,5x12,3/13,7 12 Volt
UYGUN OEM NO / REPLACING OE-REF

1 004 337 006, 1 004 337 161

MOTOR NO / UNIT NO

 0 001 148 003
 0 001 148 004
 0 001 148 009
 0 001 148 010
 0 001 148 015

Start/Stop Starters

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

AUDI	A1 1.4 TSFI 2010 -> A1 1.6 TDI 2014 -> A1 2.0 TDI 2012 -> A3 2.0 TDI 2009 - 2012 Q3 2.0 TDI 2011 -> A3 1.2/1.4 TSFI 2009 - 2012
SEAT	IBIZA 1.4 TSFI 2013 -> LEON 1.4/1.8 TSFI 2007 - 2012 LEON 2.0 TDI 2012 -> TOLEDO 1.4 TSFI 2015 ->
SKODA	RAPID 1.6 TDI 2012 -> SUPERB 2.0 TDI 2010 - 2015 YETI 2.0 TDI 2009 ->
VW	CADDY 2.0 TDI 2010 -> GOLF VI 1.2/1.4 TSFI 2008 - 2012 GOLF VI 2.0 TDI 2010 - 2013 JETTA 2.0 TDI 2014 - 2017 NEW BEETLE 1.6 TDI 2012 -> PASSAT 1.4 TSI 2009 - 2015 PASSAT 1.8 FSI/TSI 2009 - 2015 PASSAT 2.0 TDI 2010 - 2015 PASSAT CC 2.0 TDI 2010 - 2015 TIGUAN 2.0 TDI 2007 - 2016

BO 2442

BSX 244 4,6x19,5x12,3/13,7 12 Volt
UYGUN OEM NO / REPLACING OE-REF

1004337181

MOTOR NO / UNIT NO

 0 001 148 510
 0 001 148 511

6 KÖMÜRLÜ / WITH 6 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
Mercedes Sprinter GLC 200 d,-Coupe 4Matic
 >2016
 START STOP

BO 2451

BSX 245 4,6x19,5x12,3/13,7 12 Volt
UYGUN OEM NO / REPLACING OE-REF

1 004 337 155

MOTOR NO / UNIT NO

 0 001 148 019
 0 001 148 020
 0 001 148 025
 0 001 148 026
 0 001 148 029
 0 001 148 030
 0 001 148 033
 0 001 148 034

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
BMW 3/5/6/7/x3/x5/ x6 3.0D 2007->
 1/3/5/x1 2.0D 2007->

BO 2452

BSX 245 4,6x19,5x12,3/13,7 12 Volt
UYGUN OEM NO / REPLACING OE-REF

1 004 337 175

MOTOR NO / UNIT NO

 0 001 148 508
 0 001 148 514

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODELS
BMW 1/3/5/x1 2.0D 2007->

BO 2453**BSX 245** 4,6x19,5x12,3/13,7 12 Volt**UYGUN OEM NO / REPLACING OE-REF**
1 004 337 013, 1 004 337 029, 1 004 337 042**MOTOR NO / UNIT NO**
0 001 148 015**6 KÖMÜRLÜ / WITH 6 BRUSHES****ARAÇ MODELİ / VEHICLE MODELS****BMW** 3 2.0D 2.0D 2007->**BO 2454****BSX 245** 4.45x19.5x12.3/13.8 12 Volt**UYGUN OEM NO / REPLACING OE-REF**1 004 337 146
1 004 337 147
773 679 66**MOTOR NO / UNIT NO**0 001 148 021
0 001 148 022
0 001 148 039
0 001 148 040
0 001 153 013
0 001 153 014
0 001 153 019
0 001 153 020**6 KÖMÜRLÜ / WITH 6 BRUSHES****ARAÇ MODELİ / VEHICLE MODEL****FIAT** 500X 2.0 MultiJet 4x4 >2014,
Ducato 115 MultiJet >2014,
Renegade 2.0 MultiJet >2014,
Jeep
SEAT
VW Amarok 2.0 TDI,-4Motion 2011-
2016, Crafter 30/35/50 2.0 TDI,-
BiTDI, 2011-2016,
START STOP**BO 2471****BSX 247** 4,5x14x13,8 12 Volt**UYGUN OEM NO / REPLACING OE-REF**

1004337073

MOTOR NO / UNIT NO0001138013
0001147420
0001147421
0001147430
0001147431
0001147432
0001147433**6 KÖMÜRLÜ / WITH 6 BRUSHES****ARAÇ MODELİ / VEHICLE MODEL****MERCEDES-BENZ** CLS400 2014- /
E400/E320 2014- /
GL400 2013-/
SL400 2014- Eng.
M276825/
M276960/
M276820**BO 2472****BSX 247** 4,5x14x13,8 12 Volt**UYGUN OEM NO / REPLACING OE-REF**

1004337072

MOTOR NO / UNIT NO0001147422
0001147423
0001147432
0001147433**6 KÖMÜRLÜ / WITH 6 BRUSHES****ARAÇ MODELİ / VEHICLE MODEL****AMG C** 43 4Matic

BO 2531

BSX 253
4,5x14x13/11,5
12 Volt
ARAÇ MODELİ / VEHICLE MODEL
UYGUN OEM NO / REPLACING OE-REF

1004338139, 1004338141, 1004338149, 1004338195,
1004338196, 1004338198, 1004338141, 1004338149, 1004338195,
1004338196, 1004338198,

MOTOR NO / UNIT NO

0001170611
0001170604
0001170605
0001170625
0001170628
0001170629
0001172407

RENAULT

MEGANE III, SCENIC III, BOSCH
TIP 170 SR. MARSLARA
START-STOP

6 KÖMÜRLÜ / WITH 6 BRUSHES
BO 2532

BSX 253
4,5x14x13/11,5
12 Volt
ARAÇ MODELİ / VEHICLE MODEL
UYGUN OEM NO / REPLACING OE-REF

1004338138, 1004338139, 1004338141, 1004338142,
1004338149, 1004338156, 1004338195, 1004338196
1004338198, 1004338200, 335788, 337346, 7.7573.1

MOTOR NO / UNIT NO

0001170629
0001174600
0001174601

RENAULT

MEGANE III, SCENIC III, BOSCH
TIP

VW

TIP

AUDI
SEAT

TERS DONUS 170 SR.
MARSLARA START-STOP

6 KÖMÜRLÜ / WITH 6 BRUSHES
BO 2534

BSX 253
4,5x14x13/11,5
12 Volt
ARAÇ MODELİ / VEHICLE MODEL
UYGUN OEM NO / REPLACING OE-REF

1 004 338 149, 1 004 338 506

MOTOR NO / UNIT NO

0 001 170 647 STB7604BA
0 001 170 604 0 001 170 647
0 001 170 605 0 001 170 646
0 001 170 623
0 001 170 625
0 001 170 628
0 001 170 629
0 001 172 402
STB2587BA
STB2742EX

RENAULT

MEGANE III,
GRANDTOUR
SCENIC III
START STOP

6 KÖMÜRLÜ / WITH 6 BRUSHES

DR 0081**K 008****8x30x22,6****24 Volt****ARAÇ MODELİ / VEHICLE MODELS****M.BENZ**ACTROS
AXOR**MOTOR NO / UNIT NO**39 MT
19011501**4 KÖMÜRLÜ / WITH 4 BRUSHES****DR 0161****K016****4,4x12x11,6****12 Volt****ARAÇ MODELİ / VEHICLE MODEL****Hyundai
KIA**ACCENT BLUE İ10 İ20 İ30
CEED RIO 1.2 1.4 BENZİNLİ
36170-03602**SSANGYONG
TIVOLAN**1.6 2015'-?'94Kv/ 128Hs
1.6 2015-?'94Kv / 128Hs**UYGUN OEM NO / REPLACING OE-REF**

36170-03602, 3615-903602, 3615-92B614

MOTOR NO / UNIT NO0001170629 STD1465RD
000117042 STD5881LC
3610003602 STD7301YJ
3610003853 STD9614KR
361002B614 STD9614LC
8000708
A1731513001**4 KÖMÜRLÜ / WITH 4 BRUSHES**

DR 0171



K 017 **4,7x15,5x12,5** **12 Volt**

UYGUN OEM NO / REPLACING OE-REF
10523979, 10531671, 10535225

MOTOR NO / UNIT NO

36100-2G200	8000621	8000499
10523979	36100-2G000	DRS0816
STD3626	36100-2G200	DRS0816N
STD2200	36100-2G210	36100-2E500
115758	36100-2G300	
8000285	36100-2G400	
8000357	8000372	

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODELS

HYUNDAI IX35 2.0L 2010 ->
IX35 2.4L 2010 ->
SANTAFE 2.4L 2010 ->
SONATA 2.4L 2010 ->
KIA SORENTO 2.4L 2009 ->
SPORTAGE 2.0L 2010 ->

DR 1341



RX 134 **10,5x36,6x24,4** **12 Volt**

UYGUN OEM NO / REPLACING OE-REF
1988121, 1988122

MOTOR NO / UNIT NO

42MT	10478966	10479064	1990358	1990414	1990471	1993822
10461024	10478967	10479065	1990359	1990415	1990473	1993823
10461025	10478968	10479067	1990360	1990416	1990474	1993824
10461030	10478971	10479072	1990361	1990417	1990475	1993825
10461031	10478977	10479078	1990362	1990418	1990477	1993827
10461043	10478978	10479080	1990363	1990419	1990478	1993828
10461054	10478979	10479081	1990364	1990420	1990483	1993833
10461068	10478980	10479082	1990365	1990421	1990484	1993835
10478909	10478981	10479090	1990366	1990422	1990485	1993842
10478910	10478983	10479091	1990367	1990423	1990486	1993849
10478916	10478984	10479092	1990368	1990424	1990487	1993856
10478920	10478985	10479099	1990369	1990427	1990489	1993863
10478924	10478986	10479103	1990370	1990428	1990490	1993923
10478932	10478987	10479104	1990371	1990429	1990491	1993924
10478935	10478988	10479105	1990372	1990430	1990492	1993925
10478936	10478989	10479111	1990373	1990431	1990493	1993933
10478939	10478990	10479115	1990374	1990432	1990494	1993934
10478992	10478991	10479130	1990375	1990434	1990495	1993935
10478993	10478992	10479131	1990376	1990435	1990496	1993936
10478994	10478996	10479132	1990377	1990436	1990497	1993937
10478995	10478998	10479142	1990378	1990437	1993772	1993938
10478996	10479000	10479146	1990379	1990438	1993774	1993939
10479118	10479003	10479147	1990380	1990439	1993775	1993940
10479311	10479004	10479149	1990381	1990440	1993776	1993941
10479322	10479005	10479154	1990382	1990441	1993782	1993942
10479333	10479006	10479155	1990383	1990442	1993783	1993943
10479344	10479007	10479156	1990385	1990446	1993784	1993944
10479355	10479008	10479157	1990386	1990447	1993785	1993945
10479366	10479009	10479158	1990387	1990448	1993786	1993961
10479377	10479010	10479159	1990388	1990449	1993788	1993973
10479388	10479011	10479160	1990389	1990450	1993795	1993975
10479399	10479012	10479161	1990391	1990451	1993796	1993977
10479410	10479017	10479162	1990393	1990452	1993797	1993980
10479421	10479018	10479163	1990394	1990453	1993801	1993982
10479432	10479019	10479168	1990395	1990454	1993802	1993983
10479443	10479021	10479171	1990396	1990455	1993803	1993984
10479454	10479022	10479252	1990397	1990456	1993804	1993987
10479465	10479026	10479264	1990398	1990457	1993805	1993991
10479476	10479027	1990337	1990400	1990458	1993806	1993993
10479487	10479028	1990344	1990401	1990459	1993807	1993996
10479511	10479030	1990348	1990402	1990460	1993808	1993998
10479522	10479037	1990349	1990403	1990462	1993810	1993999
10479562	10479038	1990350	1990404	1990463	1993811	
10479563	10479040	1990352	1990405	1990464	1993812	
10479564	10479041	1990353	1990406	1990466	1993813	
10479565	10479052	1990354	1990407	1990467	1993814	
10479566	10479053	1990355	1990408	1990468	1993815	
	10479062	1990356	1990411	1990469	1993816	
	10479063	1990357	1990413	1990470	1993820	

ARAÇ MODELİ / VEHICLE MODELS

BMC DEV FATİH Y.M
CATERPILLAR
CHEVROLET B6 8.2 1986 - 1988
P SERİSİ 1986 - 1988
S7 8.2 1986 - 1988
CLARK FORKLIFT 1963 ->
FREIGHTLINER F112/F120/FLC112/FLC120
1998 ->

MACK

4 KÖMÜRLÜ / WITH 4 BRUSHES

DR 1342



RX 134 H

10,5x36,6x24,4

24 Volt

UYGUN OEM NO / REPLACING OE-REF

1988439

MOTOR NO / UNIT NO

42MT	10478983	10479115	1990381	1990450	1993805
10461024	10478984	10479130	1990382	1990451	1993806
10461025	10478985	10479131	1990383	1990452	1993807
10461030	10478986	10479132	1990385	1990453	1993808
10461031	10478987	10479142	1990386	1990454	1993810
10461043	10478988	10479146	1990387	1990455	1993811
10461054	10478989	10479147	1990388	1990456	1993812
10461068	10478990	10479149	1990389	1990457	1993813
10478809	10478991	10479154	1990391	1990458	1993814
10478810	10478992	10479155	1990393	1990459	1993815
10478816	10478996	10479156	1990394	1990460	1993816
10478820	10478998	10479157	1990395	1990462	1993820
10478824	10479000	10479158	1990396	1990463	1993822
10478832	10479003	10479159	1990397	1990464	1993823
10478833	10479004	10479160	1990398	1990466	1993824
10478836	10479005	10479161	1990400	1990467	1993826
10478839	10479006	10479162	1990401	1990468	1993827
10478892	10479007	10479163	1990402	1990469	1993828
10478893	10479008	10479168	1990403	1990470	1993833
10478894	10479009	10479171	1990404	1990471	1993835
10478895	10479010	10479252	1990405	1990473	1993842
10478896	10479011	10479264	1990406	1990474	1993849
10478918	10479012	1990337	1990407	1990475	1993856
10478931	10479017	1990344	1990408	1990477	1993863
10478932	10479018	1990348	1990411	1990478	1993923
10478933	10479019	1990349	1990413	1990483	1993924
10478934	10479021	1990350	1990414	1990484	1993925
10478935	10479022	1990352	1990415	1990485	1993933
10478936	10479026	1990353	1990416	1990486	1993934
10478937	10479027	1990354	1990417	1990487	1993935
10478938	10479028	1990355	1990418	1990489	1993936
10478939	10479030	1990356	1990419	1990490	1993937
10478940	10479037	1990357	1990420	1990491	1993938
10478941	10479038	1990358	1990421	1990492	1993939
10478942	10479040	1990359	1990422	1990493	1993940
10478943	10479041	1990360	1990423	1990494	1993941
10478944	10479052	1990361	1990424	1990495	1993942
10478946	10479053	1990362	1990427	1990496	1993943
10478947	10479062	1990363	1990428	1990497	1993944
10478948	10479063	1990364	1990429	1993772	1993945
10478951	10479064	1990365	1990430	1993774	1993961
10478952	10479065	1990366	1990431	1993775	1993973
10478962	10479067	1990367	1990432	1993776	1993975
10478963	10479072	1990368	1990434	1993782	1993977
10478964	10479078	1990369	1990435	1993783	1993980
10478965	10479080	1990370	1990436	1993784	1993982
10478966	10479081	1990371	1990437	1993785	1993983
10478967	10479082	1990372	1990438	1993786	1993984
10478968	10479090	1990373	1990439	1993788	1993987
10478971	10479091	1990374	1990440	1993795	1993991
10478977	10479092	1990375	1990441	1993796	1993993
10478978	10479099	1990376	1990442	1993797	1993996
10478979	10479103	1990377	1990446	1993801	1993998
10478980	10479104	1990378	1990447	1993802	1993999
10478981	10479105	1990379	1990448	1993803	
	10479111	1990380	1990449	1993804	

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

BMC	DEV FATİH Y.M.
CATERPILLAR	EKSKAVATÖR 1985 -> 3208/3306 M.MOTOR 1975 - 1984 916/920/922B 1993 ->
CUMMINS	D.MOTOR 1987 ->
FIAT-ALLIS	FA150 1986 - 1999 FD14E 1988 - 1992 FR160 1990 ->
LISTER	D.MOTOR 1986 - 1988

DR 1351



RX 135 **9,5x28,6x26,3** **12 Volt**

UYGUN OEM NO / REPLACING OE-REF

10468705, 10468706, 10470140

MOTOR NO / UNIT NO

37MT	10478927	10479034	1993874	1993898	1993921	1993963
41MT	10478928	10479036	1993878	1993901	1993926	1993964
10478805	10478929	10479054	1993879	1993902	1993928	1993967
10478806	10478930	10479068	1993880	1993903	1993930	1993972
10478811	10478957	10479071	1993881	1993905	1993931	1993979
10478812	10478960	1993850	1993883	1993909	1993950	1993981
10478814	10478961	1993851	1993884	1993910	1993951	1993986
10478815	10478976	1993853	1993885	1993911	1993953	1993988
10478817	10479013	1993854	1993886	1993914	1993954	1993992
10478818	10479014	1993855	1993887	1993917	1993955	1993994
10478819	10479015	1993869	1993891	1993918	1993956	1993995
10478925	10479016	1993871	1993893	1993919	1993957	
10478926	10479020	1993873	1993894	1993920	1993958	

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

CATERPILLAR	3116 D.MOTOR	1990 - 2002
CHEVROLET	KODIAK	1990 - 2002
CUMMINS	ENGINE 6.7/8.3	
FORD	L6000/7000/8000/9000	1995 - 1997
GMC		
KENWORTH	T300	1994 - 2004
NEWHOLLAND	TX34	

DR 1352



RX 135 H **9,5x28,6x26,3** **24 Volt**

UYGUN OEM NO / REPLACING OE-REF

10469238

MOTOR NO / UNIT NO

37MT	10478960	1993855	1993901	1993951
41MT	10478961	1993869	1993902	1993953
10478805	10478976	1993871	1993903	1993954
10478806	10479013	1993873	1993905	1993955
10478811	10479014	1993874	1993909	1993956
10478812	10479015	1993878	1993910	1993957
10478814	10479016	1993879	1993911	1993958
10478815	10479020	1993880	1993914	1993963
10478817	10479034	1993881	1993917	1993964
10478818	10479036	1993883	1993918	1993967
10478819	10479054	1993884	1993919	1993972
10478925	10479068	1993885	1993920	1993979
10478926	10479071	1993886	1993921	1993981
10478927	1993850	1993887	1993926	1993986
10478928	1993851	1993891	1993928	1993988
10478929	1993853	1993893	1993930	1993992
10478930	1993854	1993894	1993931	1993994
10478957		1993898	1993950	1993995

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

CASE	880	1986 ->
	W14	
CUMMINS		D.MOTOR 1987 ->

DR 1412



RX 140-141 SI **7,5x25x18,5** **12 Volt**

UYGUN OEM NO / REPLACING OE-REF

10510129

MOTOR NO / UNIT NO

29MT
19011400
104461770
8200010

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

CUMMIN	29MT
---------------	------

DR 1413

RX 140-141 HS 7,5x25x18,5 24 Volt

MOTOR NO / UNIT NO
29MT

ARAÇ MODELİ / VEHICLE MODEL

29MT 4 KW

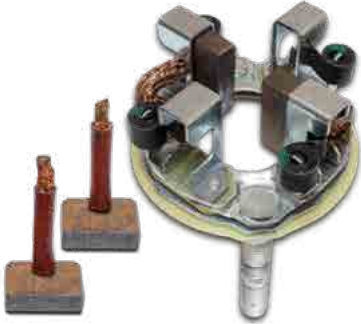
4 KÖMÜRLÜ / WITH 4 BRUSHES**DR 1721**

RX 172 5x15x12,5 12 Volt

UYGUN OEM NO / REPLACING OE-REF
10504328

MOTOR NO / UNIT NO
10529563
10534632
8000048
8000180
9000902
9000932
9000934
9000967
96550792

ARAÇ MODELİ / VEHICLE MODEL

A.ROMEO 159 1.8 MFI 2007 - 2011
CHEVROLET AVEO 1.6L 2011 ->
 CRUZE 1.6L 2009 - 2016
 CRUZE 1.8L 2011 - 2016
OPEL ASTRA G 1.6L 2004 - 2005
 ASTRA H 1.6L/1.8L 2004 - 2009
 ASTRA J 1.6L/1.8L 2009 - 2015
 CORSA D 1.6L 2007 - 2014
 INSIGNIA 1.6L/1.8L 2008 - 2017
 MERIVA A 1.6L 2006 - 2012
 MOKKA 1.8L 2013 ->
 VECTRA C 1.8L 2006 - 2008
 ZAFIRA B 1.6L/1.8L 2006 - 2014
 ZAFIRA C 1.8L 2011 ->
4 KÖMÜRLÜ / WITH 4 BRUSHES**DR 1741**

RX 173-174 9,5x32x22 12 Volt

UYGUN OEM NO / REPLACING OE-REF
10527543

MOTOR NO / UNIT NO
39MT
820037
19011514
19011516
19011517
19011518
19011521
19011522
19011523

ARAÇ MODELİ / VEHICLE MODEL

BMC FATİH KAMYON 822/827
CUMMINS
DR 1761

RX 175-176 9,5x28x22 12 Volt

MOTOR NO / UNIT NO
10528064
38MT
820005
820025
820356
778200005
8200076
19026027
19026028
19026029

ARAÇ MODELİ / VEHICLE MODEL

39MT

4 KÖMÜRLÜ / WITH 4 BRUSHES

DR 1781

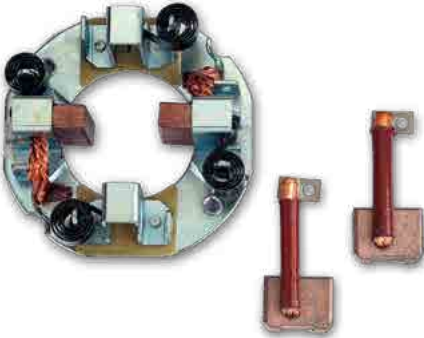
RX 177-178
9,5x28x22
24 Volt
ARAÇ MODELİ / VEHICLE MODEL
**FORD
CUMMINS**
CARGO
MOTOR NO / UNIT NO

10511941
10528064
38MT
8200053
8200072
8200078

4 KÖMÜRLÜ / WITH 4 BRUSHES
DR 1811

RX 180-181
9,5x32x22
24 Volt
ARAÇ MODELİ / VEHICLE MODEL
**BMC
CUMMINS**
FATİH KAMYON 822/827
MOTOR NO / UNIT NO

39MT
19011512
10461759

4 KÖMÜRLÜ / WITH 4 BRUSHES
DR 4201

RX 419-420
7,9x24,8x19,5
24 Volt
ARAÇ MODELİ / VEHICLE MODEL
**LISTER
M.BENZ**

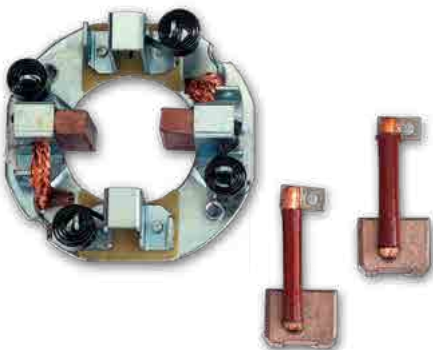
ATEGO 817 4.3 1996 ->
ATEGO 1517 4.3 1996 - 2004
ATEGO 1518 4.3 2004 ->
AXOR 1823 6.4 1998 - 2004
AXOR 2523 6.4 1998 - 2004
AXOR 2528 6.4 1998 - 2004
AXOR 2628 6.4 1998 - 2004
CONNECTO 0345 2001 - 2007
CITARO 0530 1998 -

UYGUN OEM NO / REPLACING OE-REF

10510215

MOTOR NO / UNIT NO

10483823 19070039
28MT 8200138
10461459 DRS0057
10479600 DRX67095
1998351 DRX67149
10461470 10461461
10479626 10479605
10479650

4 KÖMÜRLÜ / WITH 4 BRUSHES
DR 4581

RX 457-458
7,9x24,8x19,5
12 Volt
ARAÇ MODELİ / VEHICLE MODEL
BOBCAT

843B/843HC 1989 - 1992
853/853C/853H/853HC
1990 - 1996

**CLARK
CHEVROLET
GMC
J.DEERE**
UYGUN OEM NO / REPLACING OE-REF

10456456, 10483823

MOTOR NO / UNIT NO

28MT
10461444
10479604
10461460
10479604
1113285

4 KÖMÜRLÜ / WITH 4 BRUSHES

DR 9121

RX 912 **6x19x16** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF
 10475602

MOTOR NO / UNIT NO

8000032	9000819	9000851	9000899
8000269	9000820	9000853	9000936
8000321	9000821	9000860	9000952
9000786	9000822	9000861	9000965
9000798	9000827	9000862	96843574
9000804	9000834	9000863	
9000805	9000835	9000864	
9000806	9000844	9000865	
9000812	9000850	9000866	

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

CITROEN JUMPER 2.8 HDI 2002 - 2006
FIAT DUCATO 2.3 JTD 2002 ->
 DUCATO 2.8 JTD 2002 - 2006
 DUCATO 2.8 TDI 2000 - 2006
 DUCATO 2.3 M.JET 2006 ->
HYUNDAI IX35 2.0 CRDI 2010 - 2013
 SANTA FE 2.2 CRDI 2009 - 2013
KIA SORENTO 2.0/2.2 CRDI
 2009 - 2013
 SPORTAGE 2.0 CRDI 2010-2014
PEUGEOT BOXER 2.8 HDI 2002 ->

DR 9141

RX 913-914 **4,6x13x11/12** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF
 10475107

MOTOR NO / UNIT NO
 10455506

2 KÖMÜRLÜ / WITH 2 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

CHEVROLET LACETTI 1.4L/1.6L 2004 ->
 KALOS 1.4L 2002 ->
 AVEO 1.4L 2006 ->
DAEWOO ESPERO 1.5L 1995 - 1997
 LANOS 1.4L/1.5L/1.6L
 1997 - 2002
 NEXIA 1.4L/1.5L 1995 - 1997
 NUBIRA 1.6L/2.0L 1997 - 2002

FI 1221

JSX 21-22 **6x13x17,5** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF
 74883421

MOTOR NO / UNIT NO

63101003	63221335	63221500	63221538	63221834
63221300	63221338	63221501	63221539	63221890
63221302	63221400	63221502	63221630	63221892
63221303	63221401	63221504	63221632	63221401
63221304	63221403	63221505	63221633	63221403
63221305	63221404	63221530	63221637	63221405
63221308	63221407	63221531	63221639	
63221330	63221408	63221532	63221731	
63221332	63221430	63221533	63221800	
63221333	63221431	63221534	63221830	
63221334	63221437	63221535	63221832	

3 KÖMÜRLÜ / WITH 3 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

TOFAŞ DOĞAN/KARTAL/ŞAHİN E.M.
RENAULT 11 1.1/1.2/1.4/1.7L 1983 - 1991
 19 1.4L 1988 - 2001
 R21 1.7L 1989 - 1995
 R9 1.4L 1981 - 1991

FI 2731

JSX 72-73 **7x20x16** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF
 72317031

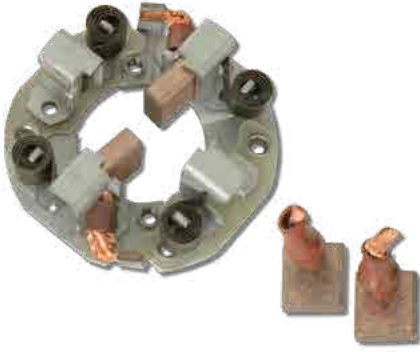
MOTOR NO / UNIT NO

428000-0660
428000-0720
428000-1620
428000-1940
428000-1941

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

BMW 330 3.0D 2003 - 2005
 525 2.5D 2004 - 2010
 530/535 3.0D 2004 - 2010
 730 3.0D 2002 - 2008
 X3 3.0D 2003 - 2010
 X5 3.0D 2003 - 2006
CITROEN C4 2.0 HDI 2004 ->
 C5 2.0 HDI 2004 ->
 JUMPY 2.0 HDI 2007 - 2016
FIAT 2.0 M.JET 2007 - 2016
PEUGEOT 307 2.0 HDI 2005 - 2008
 406 2.0 HDI 2001 - 2005
 407 2.0 HDI 2004 - 2010
 607 2.0 HDI 2005 - 2008
 EXPERT 2.0 HDI 2007 - 2016
TOYOTA AVENSIS 2.0 D-4D 1997 - 2009
 COROLLA 2.0 D-4D 2001-2006

FI 3341

JSX 33-34
6x15x16.7
12 Volt
ARAÇ MODELİ / VEHICLE MODEL
UYGUN OEM NO / REPLACING OE-REF

83220461, 83222681, 83226683, 83227131, 83227226,
83227260

MOTOR NO / UNIT NO

63111000	63111018	63113004	63223436	63223639
63111001	63111023	63191001	63223438	63223730
63111005	63111027	63193001	63223494	63293435
63111006	63111036	63223103	63223530	63293537
63111007	63111037	63223430	63223531	63293538
63111008	63111043	63223431	63223532	63111033000
63111009	63112003	63223432	63223533	63113002000
63111010	63113001	63223433	63223536	63113003000
63111016	63113002	63223434	63223537	63187001000
63111017	63113003	63223435	63223538	63187051000

4 KÖMÜRLÜ / WITH 4 BRUSHES

A.ROMEO	145/146 1.9 JTD 1999 - 2001
	147 1.9 JTD 2000 - 20002
	147 1.9 JTD 2005 - 2010
	159 1.9 JTD 1997 - 2006
BMW	318 2.0D 2001 - 2005
	320 2.0D 1998 - 2001
	520 1.0D 2000 - 2003
FIAT	BRAVA/BRAVO 1.6L 1997-2001
	DOBLO 1.9 JTD 2000 - 2006
	MAREA 1.6L 1996 - 2007
	MAREA 1.9 JTD 1996 - 2007
	STILO 1.9 JTD 2001 - 2007
	TEMPRA 2.0L 1990 - 1996
	TIPO 2.0L 1990 - 1995

FI 3541

JSX 53-54
8x19x20
12 Volt
ARAÇ MODELİ / VEHICLE MODEL
UYGUN OEM NO / REPLACING OE-REF

83226336

MOTOR NO / UNIT NO

63114014000
63209501000
63114014
63114017
63222005
63280040
63280041

3 KÖMÜRLÜ / WITH 3 BRUSHES

BMW	330 2.9D 1999 - 2006
	530 2.9D 1999 - 2004
	730 3.0D 1998 - 2001
	X5 3.0D 2001 - 2003
CITROEN	JUMPER 2.0 HDI 2002 - 2006
FIAT	DUCATO 1.9D 1998 - 2002
	DUCATO 2.5 TDI 1994 - 2002
	DUCATO 2.8 TDI 1997 - 2002
PERKINS	

FI 5361

JSX 35-36
7x13x17.5
12 Volt
ARAÇ MODELİ / VEHICLE MODEL
UYGUN OEM NO / REPLACING OE-REF

83221241, 83224461, 83225359, 83226216

MOTOR NO / UNIT NO

50246532	63103008	63222900	63223104
50246648	63103015	63222901	63223106
63101000	63103022	63222904	63223108
63102000	63103031	63223031	63223182
63102003	63192000	63223032	63230001
63102004	63222831	63223033	63230003
63102007	63222832	63223034	63293103
63102008	63222833	63223035	83221241
63103002	63222836	63223085	83224461
63103003	63222837	63223101	83225359
63103007	63222838	63223103	83226216

4 KÖMÜRLÜ / WITH 4 BRUSHES

FIAT	500 1.2/1.4L 2007 ->
	ALBEA 1.4L 2007 - 2012
	BRAVA/BRAVO 1.6L 1995 - 2001
	BRAVA/BRAVO 1.4L 1995 - 2001
	BRAVA/BRAVO 1.2L 1998 - 2002
	BRAVO 1.4L 2007 - 2013
	G.PUNTO 1.2/1.4L 2005 ->
	IDEA 1.2/1.4L 2004 - 2012
	LINEA 1.4L 2007 - 2016
	MAREA 1.2L 1998 - 2002
	MAREA 1.4L 1996 - 2002
	MAREA 1.6L 1996 - 2002
	PALIO 1.4L 1996 - 1999
	PALIO 1.6L 1996 - 2001
	PANDA 1.1/1.2/1.4L 2004 - 2012
	PUNTO 1.1L 1993 - 1999
	PUNTO 1.2L 1994 - 2010
	SIENA 1.2L 1998 - 2007
	SIENA 1.4L 1996 - 2007
	SIENA 1.6L 1998 - 2007
	STILO 1.2/1.4L 2001 - 2010
	TEMPRA 1.6L 1994 - 1996
	TIPO 1.6L 1988 - 1990
NISSAN	PRIMERA 1.6L 1996 - 2001

FI 5362

JSX 35-36
7x13x17.5
12 Volt
ARAÇ MODELİ / VEHICLE MODEL
UYGUN OEM NO / REPLACING OE-REF

83221241, 83224461

MOTOR NO / UNIT NO

63102008
63222901
63222103

3 KÖMÜRLÜ / WITH 3 BRUSHES
S.YÖNÜ / CW

FIAT	BRAVA
	PALIO
	TEMPRA
	TIPO
TOFAŞ	DOĞAN SLX

FI 5371

YENİ / NEW



JSX 35-37 7x13x17,5 12 Volt

UYGUN OEM NO / REPLACING OE-REF

83221241, 83224461, 83225359, 83226216

MOTOR NO / UNIT NO

50246532	63103002	63222831	63222904	63223103	83221241
50246648	63103003	63222832	63223031	63223104	83224461
63101000	63103007	63222833	63223032	63223106	83225359
63102000	63103008	63222836	63223033	63223108	83226216
63102003	63103015	63222837	63223034	63223182	
63102004	63103022	63222838	63223035	63230001	
63102007	63103031	63222900	63223085	63230003	
63102008	63192000	63222901	63223101	63293103	

3 KÖMÜRLÜ / WITH 3 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

FIAT 500 1.2/1.4L 2007 -> ALBEA 1.4L 2007 - 2012 BRAVA/BRAVO 1.6L 1995 - 2001 BRAVA/BRAVO 1.4L 1995 - 2001 BRAVA/BRAVO 1.2L 1998 - 2002 BRAVO 1.4L 2007 - 2013 G PUNTO 1.2/1.4L 2005 -> IDEA 1.2/1.4L 2004 - 2012 LINEA 1.4L 2007 - 2016 MAREA 1.2L 1998 - 2002 MAREA 1.4L 1996 - 2002 MAREA 1.6L 1996 - 2002 PALIO 1.4L 1996 - 1999 PALIO 1.6L 1996 - 2001 PANDA 1.1/1.2/1.4L 2004 - 2012 PUNTO 1.1L 1993 - 1999 PUNTO 1.2L 1994 - 2010 SIENA 1.2L 1998 - 2007 SIENA 1.4L 1996 - 2007 SIENA 1.6L 1998 - 2007 STILO 1.2/1.4L 2001 - 2010 TEMPRA 1.6L 1994 - 1996 TIPO 1.6L 1988 - 1990

NISSAN PRIMERA 1.6L 1996 - 2001

FO 0711



FX 70-71 4,5x16x14 12 Volt

UYGUN OEM NO / REPLACING OE-REF

E90Z1-1061-A, E90Z1-1061-B, E90Z1-1061-C, E90Z1-1061-A, E90Z1-1061-B, E90Z1-1061-C, F3RZ1-1061-A

MOTOR NO / UNIT NO

1057652	1367529	93BB11000-HB
1057654	1X4U11000-AA	93BB11000-JB
1057661	3852582	93BB11000-KA
1076141	5029143	93BB11000-KB
1085273	6775703	93BB11000-KC
1087280	6775704	93BB11000-KD
		F07U11000-BA
		F0TZ11002-B

2 KÖMÜRLÜ / WITH 2 BRUSHES

ARAÇ MODELİ / VEHICLE MODELS

FORD ESCORT 1.6L 1993 - 2001
ESCORT 1.8L 1994 - 2004
FOCUS 2.0L 1998 - 2004
MONDEO 1.6/2.0L 1993 - 2000
MONDEO 1.8L 1993 - 2000
TRANSIT CONNECT 1.8 TDCI 2002 - 2013

FO 0721



FX 70-72 4,5x16x14 12 Volt

UYGUN OEM NO / REPLACING OE-REF

E90Z1-1061-A, E90Z1-1061-B, E90Z1-1061-C, E90Z1-1061-A, E90Z1-1061-B, E90Z1-1061-C, F3RZ1-1061-A

MOTOR NO / UNIT NO

1057652	1367529	93BB11000-HB
1057654	1X4U11000-AA	93BB11000-JB
1057661	3852582	93BB11000-KA
1076141	5029143	93BB11000-KB
1085273	6775703	93BB11000-KC
1087280	6775704	93BB11000-KD
		F07U11000-BA
		F0TZ11002-B

2 KÖMÜRLÜ / WITH 2 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

FORD ESCORT 1.6L 1993 - 2001
ESCORT 1.8L 1994 - 2004
FOCUS 1.6 TDCI 2004 - 2012
FOCUS 2.0L 1998 - 2004
MONDEO 1.6/2.0L 1993 - 2000
MONDEO 1.8L 1993 - 2000
TRANSIT CONNECT 1.8 TDCI 2002 - 2013

FO 0731



FX-73 6x13x14 12 Volt

MOTOR NO / UNIT NO

1061458	1251700	1478129	3M5T-11000-CC
1063999	1254222	1483817	3M5T-11000-CD
1064000	1300504	1S7U-11000-AA	3M5T-11000-CE
1067622	1325943	1S7U-11000-AB	3M5T-11000-CF
1104965	1350459	1S7U-11000-AC	4022225
1120214	1366473	1S7U-11000-AD	4443760
1140111	1366986	1S7U-11000-AE	4587107
1140757	1368970	1S7U-11000-AF	4635595
1144505	1368974	1S7U-11000-AG	4M5T-11000-AA
1151216	1373810	2S6U-11000-EA	4M5T-11000-AB
1151642	1379702	2S6U-11000-EB	4M5T-11000-AC
1197912	1379703	2S6U-11000-EC	7177333
1205240	1386127	2S6U-11000-ED	96FB-11000-MA
1209193	1387091	2S6U-11000-EE	96FB-11000-MB
1218885	1388569	2T14-11000-BA	96FB-11000-MC
1229427	1465010	3M5T-11000-AB	96FB-11000-MD
1233234	1469712	3M5T-11000-AC	96FB-11000-ME
1233277	1473072	3M5T-11000-AD	98AB-11000-CB
1237323	1477482	3M5T-11000-AE	YS4U-11000-AA
1250901	1477973	3M5T-11000-CB	YS4U-11000-AB

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

FORD C-MAX 1.6 TDCI 2007 - 2010
C-MAX 1.8L 2007 - 2010
ESCORT 1.6L 1994 - 1995
ESCORT 1.8L 1994 - 2004
FIESTA 1.4/1.6 TDCI 2001 - 2008
FOCUS 2.0 TDCI 1998 - 2012
FUSION 1.4/1.6 TDCI 2001 - 2012
MONDEO 1.6/2.0L 1993 - 2000
MONDEO 1.8L 1993 - 2005
TOURNEO 1.8 TDCI 2006 - 2012
TRANSIT CONNECT 1.8 TDCI 2002 - 2013

MAZDA 3 1.6 TDCI 2004 - 2009

VOLVO C30 1.6 TDCI 2006 - 2013
S40 1.6 TDCI 2005 - 2012
S40 1.8/2.0L 2004 - 2012
S80 2.0 TDCI 2008 - 2016
C70/S40/S60/S80/V50 2.5L 2007 - 2012

FO 0751**FX-75****8,2x18,9x17,8****12 Volt****ARAÇ MODELİ / VEHICLE MODEL****UYGUN OEM NO / REPLACING OE-REF**

F7RU11434-BA

MOTOR NO / UNIT NO

1024508	1469721	6G9N11000-EB
1027928	1480550	6G9N11000-EC
1058429	1541002	6G9N11000-FA
1059179	1S4U11000AA	97BB11000-B3D
1073093	1S7U11000BA	97BB11000-BB
1073108	1S7U11000BB	97BB11000-BC
1093471	1S7U11000BC	97VB11000-AA
1105310	2S7T11000DA	97VB11000-AB
1118336	2S7T11000DB	98AB11000-AC
1120215	2S7T11000DC	98AB11000-AD
1126987	3M5T11000DB	98VB11000-AA
1133994	3M5T11000DC	98VB11000-AB
1140110	4078768	98VB11000-B1A
1151641	4424968	98VB11000-B3A
1214371	4509615	98VB11000-B3B
1231963	4520765	98VB11000-BA
1351989	4529404	F8RU11000-AA
1376305	4742541	YC1U11000-AB
1385784	4M5T11000-FA	YC1U11000-AC
1387062	4M5T11000-FB	YC1U11000-AD
1387092	4M5T11000-FC	YC1U11000-AE
1449615	4M5T11000-FD	YC1U11000-AF
1450653	5026497	YC1U11000-AG
1465115		

4 KÖMÜRLÜ / WITH 4 BRUSHES

FORD	C-MAX 1.8 TDCI 2007 ->
	C-MAX 2.0 TDCI 2007 ->
	ESCORT 1.8 TDCI 1993 - 1999
	TRANSIT 2.5 TDCI 1996 - 2000
	FIESTA 1.8 TDCI 1989 - 2002
	FOCUS 1.8 TDCI 1999 - 2001
	FOCUS 1.8 TDCI 2001 - 2005
	FOCUS 2.0 TDCI 2004 ->
	KUGA 2.0 TDCI 2008 ->
	MONDEO 1.8 TDCI 2007 - 2014
	MONDEO 1.8 TDCI 1993 - 2000
	MONDEO 2.0 TDCI 2000 - 2007
	MONDEO 2.2 TDCI 2004 - 2007
	S-MAX 1.8 /2.0 TDCI 2007 - 2012
	TRANSIT 2.0 TDCI 2000 - 2013
	TRANSIT 2.2 TDCI 2006 - 2013
	TRANSIT 2.4 TDCI 2000 - 2013

HI 0811



JASX 80-81

7x14x16

12 Volt

UYGUN OEM NO / REPLACING OE-REF

2114-29007, 2114-39001, 2114-4311, 2114-49007, 2114-69008, 2114-79001, 2114-89007

MOTOR NO / UNIT NO

S114-252	S114-339A	S114-429	S114-480A
S114-252A	S114-339C	S114-429A	S114-480B
S114-252F	S114-339D	S114-438	S114-481
S114-253A	S114-342	S114-438B	S114-481A
S114-253B	S114-342A	S114-438C	S114-482
S114-254A	S114-344	S114-438D	S114-483
S114-254B	S114-349	S114-442	S114-483A
S114-254C	S114-349A	S114-442A	S114-485
S114-254D	S114-349B	S114-442B	S114-488
S114-255A	S114-357	S114-448	
S114-256B	S114-357A	S114-449	
S114-257	S114-357B	S114-449A	
S114-257G	S114-357C	S114-450	
S114-257H	S114-367	S114-450A	
S114-258C	S114-368	S114-453	
S114-264	S114-371	S114-454	
S114-265	S114-371A	S114-458	
S114-268	S114-371B	S114-459	
S114-290	S114-373	S114-471	
S114-290A	S114-374B	S114-471A	
S114-290B	S114-393	S114-472	
S114-293	S114-393A	S114-472A	
S114-296A	S114-395	S114-473	
S114-322	S114-395A	S114-474	
S114-322A	S114-401B	S114-476	
S114-338	S114-403B	S114-478	
S114-338A	S114-408	S114-480	

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODELS

OPEL	ASTRA F 1.7 TDS 1991 - 1998 COMBO 1.7D 1994 - 2001 CORSA B 1.5D 1993 - 2000 CORSA B 1.7D 1996 - 2001
NISSAN	ALMERA 2.0D 1995 - 2000 PRIMERA 2.0D 1990 - 1996 PRIMERA 2.0 TD 1996 - 2002
THERMOKING	
YANMAR	4JH D.MOTOR

HI 4551



JASX 54-55

4,5x14x15

12 Volt

UYGUN OEM NO / REPLACING OE-REF

2114-23106, 2114-53104, 2114-53105, 2114-63104, 2114-73105

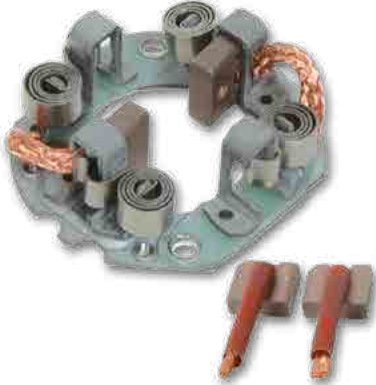
MOTOR NO / UNIT NO

S114-750	S114-801B	S114-827	S114-872
S114-751	S114-801C	S114-829	S114-874
S114-753	S114-801D	S114-829A	S114-876
S114-758	S114-802A	S114-829B	S114-878A
S114-762	S114-804	S114-831	S114-879
S114-762A	S114-804A	S114-839	S114-881
S114-762B	S114-805	S114-840	S114-901
S114-765	S114-805A	S114-841	S114-902
S114-766	S114-806	S114-843	S114-902A
S114-766A	S114-806A	S114-844	S114-903
S114-767	S114-808	S114-847	S114-903A
S114-769	S114-808A	S114-850	S114-905
S114-769A	S114-808B	S114-850A	S114-906
S114-775	S114-814	S114-850B	S114-907
S114-775A	S114-814A	S114-850C	S114-922
S114-780	S114-815	S114-862	S114-925
S114-800	S114-816	S114-868A	S114-938
S114-800A	S114-817	S114-869	S114-943
S114-800B	S114-817A	S114-870	
S114-801A	S114-818A	S114-871	

3 KÖMÜRLÜ / WITH 3 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

FIAT	ALBEA 1.4 2007 - BRAVO 1.4L 2007 - 2016 G.PUNTO 2005 -> SIENA 1.4L 2007 -> 500 1.2/1.4L 2007 ->
OPEL	ASTRA F 1.7 TDS 1991 - 1998 ASTRA G 1.7L 2000 - 2005 ASTRA G 1.7 CDTI 2000 - 2009 ASTRA H 1.7 CDTI 2004 - 2009 ASTRA J 1.7 CDTI 2009 - 2015 COMBO 1.7 CDTI 2001 - 2011 COMBO 1.7D 1994 - 2001 CORSA A 1.5 TD 1988 - 1993 CORSA B 1.5 TD 1993 - 2000 CORSA C 1.7 CDTI 2000 - 2006 MERIVA A 1.7 CDTI 2003 - 2012 MERIVA B 1.7 CDTI 2010 - 2017 MOKKA 1.7 CDTI 2012 -> VECTRA A 1.7 TD 1990 - 1995 VECTRA B 1.7 TD 1995 - 1998 ZAFIRA B 1.7 CDTI 2008 - 2014
NISSAN	ALMERA 1.5L 2002 - 2006 ALMERA 1.6L 1995 - 2003 ALMERA 1.8L 2000 - 2006 ALMERA 2.0L 1996 - 2000 MAXIMA 2.0/3.0L 1994 - 2004 PRIMERA 1.6L 1996 - 2006 PRIMERA 2.0L 1996 - 1998 PRIMERA 2.0L 2002 - 2008 QASHQAI 2.0L 2006 - 2013 SUNNY 1.6L 1990 - 2000 X-TRAIL 2.0L 2007 - 2013
RENAULT	CLIO 2.0L 2006 - 2014 LAGUNA 2.0L 2007 - 2015 MEGANE 2.0L 2007 - 2016 SCENIC 2.0L 2009 - 2016
YANMAR	3JH/4JH D.MOTOR

HI 4751

JASX 74-75 7x19x16 12 Volt
UYGUN OEM NO / REPLACING OE-REF

 2130-13022, 2130-1306, 2130-2306, 2130-53021, 2130-53022,
 2130-63022, 2130-73021, 2130-73022, 2130-93021, 2130-9305,
 2240-1310, 2240-2310, 2240-3310

MOTOR NO / UNIT NO

S13-100	S13-122	S13-289A	S13-62	S14-02
S13-101	S13-124	S13-294	S13-62A	S14-03
S13-102	S13-126	S13-302	S13-62B	S14-203
S13-104	S13-126A	S13-302A	S13-64	S14-205
S13-105	S13-127	S13-302B	S13-66	S14-206
S13-105A	S13-127A	S13-305	S13-66A	S14-210
S13-106	S13-127C	S13-305A	S13-69	S14-210A
S13-106A	S13-129	S13-307A	S13-70A	S14-210B
S13-106B	S13-130A	S13-317	S13-71	S14-210C
S13-106C	S13-131	S13-321	S13-75	S14-405
S13-106E	S13-132	S13-322	S13-77	S14-405A
S13-107	S13-136	S13-326	S13-81	S14-405B
S13-107A	S13-137A	S13-327	S13-82A	S14-406B
S13-109	S13-200	S13-329	S13-82B	S14-407A
S13-109B	S13-203	S13-331	S13-83	S14-408
S13-111	S13-204	S13-332	S13-84	S14-408A
S13-112	S13-205	S13-407	S13-84B	S24-07
S13-112A	S13-205A	S13-502A	S13-87	S24-08
S13-113	S13-205C	S13-507B	S13-89	S24-08A
S13-114	S13-205D	S13-527	S13-89A	S24-10
S13-114A	S13-207	S13-527A	S13-89B	S24-11
S13-115	S13-207A	S13-527B	S13-89C	S24-12
S13-115A	S13-207C	S13-529	S13-89D	S24-13
S13-117	S13-210B	S13-531	S13-91	S24-14
S13-117A	S13-210C	S13-551A	S13-91A	S25-161
S13-118	S13-212	S13-553	S13-92A	
S13-120A	S13-213	S13-553A	S13-94	
S13-120B	S13-282	S13-555	S13-94A	
S13-121	S13-289	S13-556	S13-96	

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
KOMATSU
NISSAN ALMERA 2.0D 1995 - 2000
 PATROL 2.8 TD 1986 - 2000
 PRIMERA 2.0D 1990 - 2002
 SUNNY 1.7D 1986 - 2000
 SUNNY 2.0D 1990 - 2000
 TERANO 2.7D 1989 - 2002
 TERRANO 3.0D 2002 - 2006

RENAULT

 MASTER 3.0 DCI 2002-2006
 MASCOTT 3.0 TD 2004-2010

THERMOKING

 SL-TCi30 1998 ->
 SUPER 1993 ->

YANMAR

4TN-78/4TN-82 D.MOTOR

HI 4752

JASX 74-75 H 7x19x16 24 Volt
UYGUN OEM NO / REPLACING OE-REF

2240-4310

MOTOR NO / UNIT NO

S13-250	S25-167
S13-550	S25-168
S25-163A	S25-168A
S25-163B	S25-171
S25-163C	S25-501
S25-163E	S25-501A
S25-163F	S25-501B
S25-163G	

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
ATAMAN

A-092 4.6D 2003 - 2002

BOGDAN

A-091 4.6D 2000 - 2003

ISUZU

A-092 4.6D 2003 - 2002

NKR 3.3D 1986 - 1996

NPR 3.3D 1984 - 1995

ŞAMPIYON

NKR 3.6D 1987 - 1996

HI 6371

JASX 36-37 8x25x18 12 Volt
UYGUN OEM NO / REPLACING OE-REF

028510-5010

MOTOR NO / UNIT NO

0311-4010
0311-4200
128000-0832
128000-5350
128000-5760
128000-9560
0228000-0200
0228000-0391

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
KIA

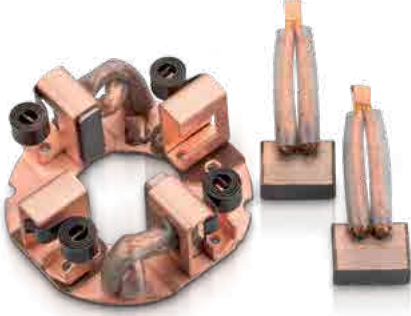
BONGO

PREGIO

BESTA

ISUZU

FORKLIFT 2.2 KW

LE 0336**LET 16.908.337 8X25X18,8 12 Volt****UYGUN OEM NO / REPLACING OE-REF**

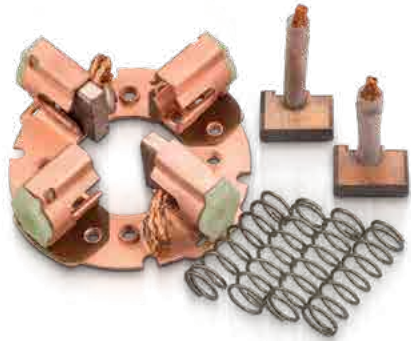
16.908.336

MOTOR NO / UNIT NO

11130748	11131436	11131811	AZF4135	AZF4251	AZF4569
11130785	11131464	11131829	AZF4141	AZF4253	AZF4570
11130793	11131488	11131830	AZF4143	AZF4254	AZF4577
11130836	11131490	11131839	AZF4146	AZF4258	AZF4591
11130841	11131491	11131848	AZF4147	AZF4260	AZF4595
11130904	11131507	11131883	AZF4148	AZF4270	AZF4596
11130941	11131508	11131893	AZF4152	AZF4283	AZF4597
11130945	11131520	11131896	AZF4153	AZF4284	AZF4598
11130999	11131542	11131898	AZF4155	AZF4286	AZF4611
11131014	11131550	11131900	AZF4158	AZF4287	AZF4627
11131027	11131573	11131920	AZF4159	AZF4288	AZF4637
11131060	11131574	11131929	AZF4160	AZF4291	AZF4643
11131065	11131575	11131930	AZF4164	AZF4304	AZF4683
11131077	11131597	11131945	AZF4170	AZF4510	AZF4687
11131092	11131599	11131965	AZF4181	AZF4511	AZF4691
11131145	11131604	11132012	AZF4183	AZF4513	AZF4831
11131167	11131611	11132056	AZF4184	AZF4514	
11131191	11131612	11132062	AZF4185	AZF4520	
11131227	11131613	11132066	AZF4190	AZF4521	
11131228	11131640	11132069	AZF4196	AZF4524	
11131237	11131658	11132070	AZF4204	AZF4528	
11131260	11131697	11132073	AZF4205	AZF4535	
11131300	11131705	11132104	AZF4206	AZF4538	
11131352	11131706	11132118	AZF4208	AZF4539	
11131370	11131709	AZF4102	AZF4214	AZF4541	
11131374	11131727	AZF4115	AZF4220	AZF4542	
11131375	11131763	AZF4119	AZF4224	AZF4545	
11131382	11131782	AZF4122	AZF4240	AZF4550	
11131397	11131783	AZF4129	AZF4242	AZF4553	
11131411	11131784	AZF4130	AZF4245	AZF4559	
11131430	11131792	AZF4131	AZF4247	AZF4562	
	11131798	AZF4132	AZF4248	AZF4568	

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODELS**

BOBCAT	İŞ MAKİNESİ
FIAT	TRAKTÖR
CASE	
CLAAS	ARION SERİSİ TRAKTÖR
J.DEERE	B.DÖVER/TRAKTÖR
JCB	TRAKTÖR/İŞ MAKİNESİ
M.FERGUSON	
N.HOLLAND	TARIM MAKİNESİ / TRAKTÖR
RENAULT	ARES/ERGOS SERİSİ TRAKTÖR
STEYR	TRAKTÖR

LE 0752**LET 16.908.753 6X22X15.5 12 Volt****UYGUN OEM NO / REPLACING OE-REF**

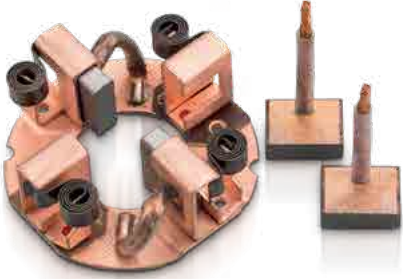
16.908.752

MOTOR NO / UNIT NO

11131063	11131751	11131967	AZE4122	AZE4208	AZE4648
11131108	11131752	11131983	AZE4123	AZE4213	AZE4649
11131109	11131753	11131984	AZE4125	AZE4214	AZE4653
11131112	11131761	11131985	AZE4139	AZE4215	AZE4654
11131116	11131772	11131986	AZE4150	AZE4217	AZE4655
11131198	11131773	11131989	AZE4151	AZE4221	AZE4660
11131221	11131780	11132007	AZE4159	AZE4222	AZE4663
11131223	11131781	11132010	AZE4165	AZE4224	AZE4667
11131279	11131788	11132050	AZE4167	AZE4225	AZE4668
11131315	11131789	11132051	AZE4168	AZE4226	AZE6513
11131384	11131802	11132058	AZE4169	AZE4227	AZE6514
11131476	11131821	11132059	AZE4170	AZE4230	AZE6515
11131477	11131833	11132064	AZE4171	AZE4233	AZE6524
11131478	11131885	11132067	AZE4172	AZE4234	AZE6526
11131515	11131890	11132068	AZE4173	AZE4238	AZE6530
11131526	11131892	11132077	AZE4176	AZE4239	AZE6531
11131535	11131915	11132095	AZE4183	AZE4240	AZE6537
11131556	11131921	11132101	AZE4185	AZE4244	AZE6544
11131560	11131932	11132121	AZE4189	AZE4245	AZE6554
11131570	11131942	11132127	AZE4190	AZE4247	AZE6555
11131600	11131946	11132128	AZE4192	AZE4534	AZE6556
11131603	11131947	11132134	AZE4194	AZE4535	AZE6557
11131605	11131948	11132144	AZE4195	AZE4536	AZE6558
11131606	11131949	11132153	AZE4197	AZE4540	AZE6559
11131663	11131950	11132154	AZE4199	AZE4557	AZE6562
11131696	11131951	11132155	AZE4201	AZE4566	AZE6563
11131716	11131953	11132159	AZE4202	AZE4573	AZE6567
11131731	11131956	11132160	AZE4203	AZE4579	AZE6572
11131746	11131957	11132165	AZE4204	AZE4589	
11131750	11131964		AZE4205	AZE4603	
	11131966		AZE4207	AZE4620	

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

ATLAS COPCO	JENERATÖR
ERKUNT	TRAKTÖR
HATTAT	A SERİSİ
HİDROMEK	İŞ MAKİNESİ
J.DEERE	TRAKTÖR
M.FERGUSON	TRAKTÖR
VALTRA	TRAKTÖR
ZETOR	TRAKTÖR

LE 0994**LET 16.908.995 8X25X18,8 24 Volt****UYGUN OEM NO / REPLACING OE-REF**

16.908.994

MOTOR NO / UNIT NO

11130728	11131359	11131776	AZF4198	AZF4527
11130729	11131376	11131846	AZF4199	AZF4554
11130730	11131452	11131863	AZF4201	AZF4571
11130842	11131501	11131865	AZF4230	AZF4573
11130944	11131524	11131881	AZF4232	AZF4581
11131150	11131564	11131882	AZF4237	AZF4588
11131214	11131638	AZF4106	AZF4238	AZF4594
11131254	11131648	AZF4121	AZF4266	AZF4617
11131274	11131691	AZF4137	AZF4507	AZF4646
11131316	11131734	AZF4163	AZF4508	AZF4653
11131335	11131770	AZF4169	AZF4509	AZF4672
	11131775	AZF4191	AZF4515	

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

JCB NA/TC/TCA/TCAE SERİLERİ
JS130NL-NLC
JS210LC/JS220/JS235 EKSKAVATÖR
CX/SS/CF/ICX/HF SERİLERİ
BEKLODER
180T-HF/190T-HF
8008CTS/9030ZTS

LU 0361



LASX 36

9x20x26

12 Volt

UYGUN OEM NO / REPLACING OE-REF

54245374010, 54245374, SSP0004, TAB104

MOTOR NO / UNIT NO

63227501010	26297D	26297F	26298A	26298D	26298J
63227502010	26297E	26297J	26298B	26298E	26304
63227510010	26297F	26298A	26298D	26298F	26304A
63227512010	26297J	26298B	26298E	26298J	26304B
63227518010	26298A	26298D	26298F	26304	26304D
63227533010	26298B	26298E	26298J	26304A	26305
63227541010	26298D	26298F	26304	26304B	26305A
63227547010	26298E	26298J	26304A	26304D	26305B
63227553010	26298F	26304	26304B	26305	26305D
63227554010	26298J	26304A	26304D	26305A	26297A
63227559010	26304	26304B	26305	26305B	26297B
63227564010	26304A	26304D	26305A	26305D	26297D
63227565010	26304B	26305	26305B	26297A	26297E
63227568010	26304D	26305A	26305D	26297B	26297F
63227570010	26305	26305B	26297A	26297D	26297J
63227571010	26305A	26305D	26297B	26297E	26298A
63227572010	26305B	26297A	26297D	26297F	26298B
63227574010	26305D	26297B	26297E	26297J	26298D
63227575010	26297A	26297D	26297F	26298A	26298E
63227578010	26297B	26297E	26297J	26298B	26298F
63227582010	26297D	26297F	26298A	26298D	26298J
63227583010	26297E	26297J	26298B	26298E	26304
63227584010	26297F	26298A	26298D	26298F	26304A
63227585010	26297J	26298B	26298E	26298J	26304B
63227588010	26298A	26298D	26298F	26304	26304D
63227590010	26298B	26298E	26298J	26304A	26305
63227591010	26298D	26298F	26304	26304B	26305A
63227592010	26298E	26298J	26304A	26304D	26305B
63227593010	26298F	26304	26304B	26305	26305D
63227594010	26298J	26304A	26304D	26305A	26297A
63227596010	26304	26304B	26305	26305B	26297B
63227598010	26304A	26304D	26305A	26305D	26297D
63227599010	26304B	26305	26305B	26297A	26297E
63227600010	26304D	26305A	26305D	26297B	26297F
63227601010	26305	26305B	26297A	26297D	26297J
63227602010	26305A	26305D	26297B	26297E	26298A
63227603010	26305B	26297A	26297D	26297F	26298B
63227604010	26305D	26297B	26297E	26297J	26298D
63227606010	26297A	26297D	26297F	26298A	26298E
26148	26297B	26297E	26297J	26298B	26298F
26157	26297D	26297F	26298A	26298D	26298J
26196	26297E	26297J	26298B	26298E	26304
26213	26297F	26298A	26298D	26298F	26304A
26227	26297J	26298B	26298E	26298J	26304B
26246	26298A	26298D	26298F	26304	26304D
26246A	26298B	26298E	26298J	26304A	26305
26246L	26298D	26298F	26304	26304B	26305A
26246M	26298E	26298J	26304A	26304D	26305B
26265	26298F	26304	26304B	26305	26305D
26265J	26298J	26304A	26304D	26305A	26297A
26265M	26304	26304B	26305	26305B	26297B
26273	26304A	26304D	26305A	26305D	26297D
26273A	26304B	26305	26305B	26297A	26297E
26273D	26304D	26305A	26305D	26297B	26297F
26273E	26305	26305B	26297A	26297D	26297J
26273F	26305A	26305D	26297B	26297E	26298A
26273H	26305B	26297A	26297D	26297F	26298B
26273M	26305D	26297B	26297E	26297J	26298D
26274	26297A	26297D	26297F	26298A	26298E
26274A	26297B	26297E	26297J	26298B	26298F
26274D	26297D	26297F	26298A	26298D	26298J
26274E	26297E	26297J	26298B	26298E	26304
26274F	26297F	26298A	26298D	26298F	26304A
26274H	26297J	26298B	26298E	26298J	26304B
26274N	26298A	26298D	26298F	26304	26304D
26283	26298B	26298E	26298J	26304A	26305
26294	26298D	26298F	26304	26304B	26305A
26294A	26298E	26298J	26304A	26304D	26305B
26294B	26298F	26304	26304B	26305	26305D
26294D	26298J	26304A	26304D	26305A	27627B
26294E	26304	26304B	26305	26305B	60925023A
26294F	26304A	26304D	26305A	26305D	NSB503
26294N	26304B	26305	26305B	26297A	NSB522
26295	26304D	26305A	26305D	26297B	NSB524
26295A	26305	26305B	26297A	26297D	NSB526
26295B	26305A	26305D	26297B	26297E	NSB529
26295D	26305B	26297A	26297D	26297F	M127
26295E	26305D	26297B	26297E	26297J	M50
26295F	26297A	26297D	26297F	26298A	
26295M	26297B	26297E	26297J	26298B	
26297A	26297D	26297F	26298A	26298D	
26297B	26297E	26297J	26298B	26298E	

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

BEDFORD	TL 3.6/5.4 1980 - 1986
CASE	3/4/5/6/7/8 SERİSİ
	TRAKTÖRLER 1971-1997
FORD	CARGO DİZEL 1981 - 1994
	CARGO 0711/0915 5.9D
	1982 - 1996
	CARGO 0913 6.2D 1982-1996
	CARGO 1115/1315 6.0 D
	1982 - 1996
	CARGO 1215 5.9D 1982-1996
	CARGO 1515/2115 6.0D
	1982 - 1996
	2000/3000/4000 SERİSİ
	TRAKTÖRLER 1969 - 2005
	5000/6000/7000 SERİSİ
	TRAKTÖRLER 1975 - 2005
M.FERGUSON	MF 240/245/255 1977 - 1988
	MF 274 1983 - 1988
	MF 350/355 1986 - 1992
	MF 354/364 1992 - 1997
	MF 360 1987 - 1990
	MF 3085 1988 ->
	MF 3635 1992 - 1995
	MF 4270 1997 ->
N.HOLLAND	5640 / 6640 / 7740 / 7840 /
	8240 / 8340 1991 - 1998
LEYLAND	270 1974 - 1976

LU 0751

LASX 75
6,8x13,8x9,4
12 Volt
ARAÇ MODELİ / VEHICLE MODEL
UYGUN OEM NO / REPLACING OE-REF

 054291125010, 054292603010, 54290789, 54290790,
54291125, 54292603

MOTOR NO / UNIT NO

2110-3708010	63226834010	26722	26814	26832
57023708	63226836010	26801	26815	26833
63226800010	63226837010	26804	26816	26834
63226801010	63226838010	26805	26820	26835
63226803010	63226842010	26806	26823	26836
63226804010	63226845010	26807	26824	26837
63226814010	26009	26809	26827	26841
63226820010	26702	26810	26829	26845
63226823010	26715	26812	26830	26847
63226824010	26717	26813	26831	

4 KÖMÜRLÜ / WITH 4 BRUSHES
LADA VEGA 1.5L 1997 - 2007
SAMARA 1.5L 1998 - 2004

LU 5161

LASX 15-16
7,9x19,05x22,2
12 Volt
ARAÇ MODELİ / VEHICLE MODEL
UYGUN OEM NO / REPLACING OE-REF

TAB102, SSP005, 54266043, 54266043010

MOTOR NO / UNIT NO

26132	26169	26238A/L	26281A/F	26346A/D	27419
26132H/R	26169E/K	26238M/Q	26281F/J	26346E	27420
26133	26170	26244	26283A/F	26346E/K	27421
26133K/R	26170E/M	26248A/L	26283H/K	26347	27422
26143	26172	26248M	26285A/E	26348	27423
26143J/Q	26173	26251	26285F	26362	27424
26145	26173B/F	26255	26286A/E	26364	27425
26145H/N	26177	26256	26286F/J	26370	27425A
26146	26178	26256A/E	26287A/E	26371	27425B
26146H/N	26185	26256H	26287F/J	26372	27426
26147	26186	26259	26288A/E	26373	27427
26147J/M	26187	26259A/K	26288F	26375	27428
26148	26189	26259L/N	26295F	26381A/D	27432
26148H/N	26190	26260	26300A/E	26381E/F	27433
26149	26192	26260F/J	26300A/J	26383	27435
26149H/M	26193	26263	26300F/J	26385	27436
26150	26196	26264A/F	26301A/E	26390	27437
26150H/M	26197	26264H/K	26301A/F	26391	27438
26151	26198	26266	26301H	26394	27439
26151H/N	26199	26267	26302A/D	26396	27440
26152	26200	26268	26302E/H	26400	27443
26152H/M	26201	26268J/L	26306A/D	26412	27446
26153	26206	26269A/F	26306E/H	26413	27447
26153J/N	26208	26269H/L	26310A/D	26422	27448
26154	26209	26270	26310E/F	27403	27449
26154J/N	26212	26271	26320A/B	27405	27452
26157	26213	26271F/J	26320D/J	27406	27457
26157H/M	26215	26275A/E	26321	27407	27458
26158	26215H	26275F/K	26321A/B	27409	27459
26158E/K	26219	26278A/F	26321D/F	27410	27463
26159	26220	26278H	26324	27411	27465
26159E/J	26231	26279A/E	26325	27412	27468
26163	26232	26279F/K	263	27413	27469
26166	26233	26280A/E	26	27414	27470
26166E/L	26233K/M	26280F/J	26327	27415	27474
26167	26236A/K	26281	26333	27416	27475
26167E/L	26236L	26281A/E	26335	27417	27476
				27418	

4 KÖMÜRLÜ / WITH 4 BRUSHES
CASE TRAKTOR
M.FERGUSON MF 240 / 245 / 255 /
265 / 275 / 285 /
565 / 575
N.HOLAND 5640 / 6640 /
77407840 / 8240 /
8340 1991-1998

LU 5162

LASX 15-16 H
7,9x19,05x22,2
24 Volt
UYGUN OEM NO / REPLACING OE-REF

TAT200, 54290531, SSP0006

MOTOR NO / UNIT NO

 54290531
SSP0006

4 KÖMÜRLÜ / WITH 4 BRUSHES

MA 1221**MASX 21-22****8x25x23****24 Volt****ARAÇ MODELİ / VEHICLE MODELS****UYGUN OEM NO / REPLACING OE-REF**
72165001000**MOTOR NO / UNIT NO**

632 167 01	632 167 31
632 167 04	632 167 33
632 167 06	632 167 38
632 167 08	632 167 40
632 167 10	632 167 41
632 167 25	632 167 47
632 167 26	632 167 48
632 167 27	632 167 63

FIAT ALLIS	65B 1986 - 2001
IVECO	EUROCARCO I-II-III 75E 14 1991 - 2015 ZETA 79 1979 - 1991 ZETA 95/109 1983 - 1991

4 KÖMÜRLÜ / WITH 4 BRUSHES**MA 3241****MASX 23-24****10x25x23****12 Volt****ARAÇ MODELİ / VEHICLE MODEL****UYGUN OEM NO / REPLACING OE-REF**
72164701, 72362701**MOTOR NO / UNIT NO**

632 168 02	632 168 18	632 168 59
632 168 08	632 168 25	632 168 73
632 168 11	632 168 26	632 168 74
632 168 14	632 168 27	632 168 76
632 168 15	632 168 31	632 168 84
632 168 16	632 168 33	632 168 96
632 168 17	632 168 51	632 168 98

DODGE	DESOTO/FAGO/AS900
FIAT	65.46/65.66/65.90 1985 - 1987 70.65/70.66/70.90 1984 - 1988 80.65/80.66/80.90/85.55 1984-1988
IVECO	8041/8051/8061 MARINE MOTOR

4 KÖMÜRLÜ / WITH 4 BRUSHES**MA 5261****MASX 25-26****9x16x23****12 Volt****ARAÇ MODELİ / VEHICLE MODEL****UYGUN OEM NO / REPLACING OE-REF**
72164101**MOTOR NO / UNIT NO**

632 171 04	632 171 18	632 171 56	632 174 02
632 171 05	632 171 19	632 171 58	632 174 03
632 171 06	632 171 20	632 171 63	632 174 04
632 171 07	632 171 21	632 171 73	632 174 07
632 171 08	632 171 25	632 171 80	632 174 08
632 171 10	632 171 26	632 171 82	632 174 10
632 171 12	632 171 38	632 171 86	632 174 25
632 171 16	632 171 47	632 171 88	632 174 33
632 171 17	632 171 48	632 171 97	632 174 47
	632 171 54	632 174 01	

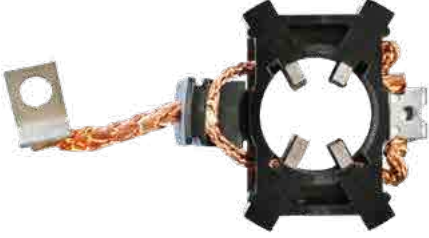
AUDI	A6 2.5 TDI 1994 - 1997
D.FAHR	TRAKTÖR/TRACKTOR
FENDT	TRAKTÖR/TRACKTOR
FIAT	55.46/55.65/55.66/55.90 TRAKTÖR/TRACKTOR 1984 - 1988 60.46/60.65/60.66/60.90 1984 - 1988
IVECO	8040/8041/8061/8141 D.MOTOR/D.ENGINE
RENAULT	MASTER 28-35 2.4/2.5D 80-89 TRAFFIC 2.5D 1980 - 2001
M.BENZ	300 3.0D 1976 - 1985
M.FERGUSON	MF 240/245/255 2.5D 1977 - 1988
SAME	EXPLORER 70/80/90 1986 -> LASER 110/130/150 1988 ->

4 KÖMÜRLÜ / WITH 4 BRUSHES**MA 7281****MASX 27-28****9x16x23****24 Volt****ARAÇ MODELİ / VEHICLE MODEL****UYGUN OEM NO / REPLACING OE-REF**
072164102000, 72164102, 8190402**MOTOR NO / UNIT NO**

63217201
63217225
63217226
MT72A
MT72AA
MT72AB

FIAT	ALLIS
IVECO	50-8/50-9 1983 - 1991 60E 10/12/14 4.0D 1991 - 1996 60-8/60-11 1987 - 1992 65E 10/12/14 1991 - 2000 65-9/65-12 1987 - 1991 75E 12/14 1991 - 2000 8041 MARINE 1987 - 2000

4 KÖMÜRLÜ / WITH 4 BRUSHES

MI 0181

K-018
4,5x13,1x12
12 Volt
ARAÇ MODELİ / VEHICLE MODELS
UYGUN OEM NO / REPLACING OE-REF

10515785

MOTOR NO / UNIT NO

 3610026800
 3610026850
 80000475
 8000174
 8000175
 96467385
 96497702
 STD1422BA
 STD1422YJ
 STD2685KR

CHEVROLET Spark
DAEWOO Matiz, Tico
SUZUKI Wagon

4 KÖMÜRLÜ / WITH 4 BRUSHES
MI 0411

JASX 40-41
4,5x12x17,5
12 Volt
ARAÇ MODELİ / VEHICLE MODEL
UYGUN OEM NO / REPLACING OE-REF

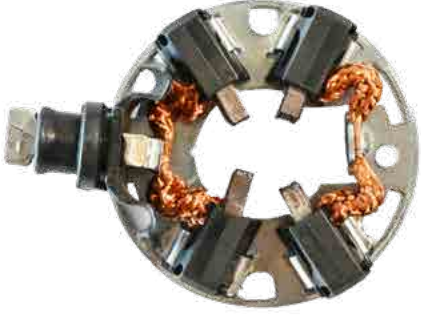
 M649T01271, M649T01272, M649T01273, M649T06871,
 M649T09371, M649T09471

MOTOR NO / UNIT NO

M000T82081	M001T2088	M1T70283	M1T73283
M001M70685	M001T2181	M1T70283ZC	M1T73285
M001M70881	M001T2181A	M1T70381	M1T73381
M001M70981	M001T2182	M1T70381A	M1T73381ZC
M001M71281	M001T2182A	M1T70481	M1T73383
M001M71481	M001T2281	M1T70481ZC	M1T73383ZC
M001M71681	M001T2281A	M1T70482	M1T73481
M001M71781	M001T2281ZC	M1T70483	M1T73481A
M001M71881	M001T2281G	M1T70485	M1T73681
M001M72086	M001T2281A	M1T70485A	M1T73881
M001M72087	M001T2281B	M1T70681	M1T74181A
M001M72181	M001T2281ZC	M1T70685	M1T74381A
M001M72182	M001T2281G	M1T70685A	M1T75181
M001M72281	M001T2281A	M1T70686	M1T75181A
M001M72583	M001T2281B	M1T70687	M1T75381
M001M72981	M001T2281ZC	M1T70781	M1T75381A
M001M73481	M001T2281G	M1T70881	M1T75581
M001Q71281	M001T2281A	M1T70881A	M1T75681
M001T60081	M001T2281B	M1T70981	M1T76281
M001T60181	M001T2281ZC	M1T70981A	M1T76381
M001T60185	M001T2281G	M1T70982	M1T77081
M001T60281	M001T2281A	M1T70982A	M1T77181
M001T60381	M001T2281B	M1T70985	M1T77281
M001T60581	M001T2281ZC	M1T71081	M1T77381
M001T61181	M001T2281G	M1T71281	M1T77581
M001T70281	M001T2281A	M1T71281A	M1T77681
M001T70283	M001T2281B	M1T71281AC	M1T77777
M001T70283ZC	M001T2281ZC	M1T71281B	M1T77777ZC
M001T70381	M001T2281G	M1T71281ZC	M1T77781
M001T70481	M001T2281A	M1T71381	M1T77981
M001T70482	M001T2281B	M1T71382	M1T78181
M001T70485	M001T2281ZC	M1T71382ZC	M1T78581
M001T70681	M002T61871B	M1T71481	M1T78881
M001T70685	M0T71981	M1T71481A	M1T78981
M001T70685A	M0T81181	M1T71581	M1T79081
M001T70686	M0T82081	M1T71681	M1T79181
M001T70687	M1M70685	M1T71681A	M1T79681
M001T70781	M1M70881	M1T71781	M1T79781
M001T70881	M1M70981	M1T71781A	M1T90081A
M001T70881A	M1M71281	M1T71881	M1T95081
M001T70981	M1M71281A	M1T71881A	M1T95181
M001T70981A	M1M71481	M1T72081	M1T96081
M001T70982	M1M71481A	M1T72085	M1T96181
M001T70982A	M1M71681	M1T72086	M1T96281
M001T70985	M1M71781	M1T72086A	M2T53083
M001T71081	M1M71881	M1T72087	M2T61871B
M001T71281	M1M72086	M1T72087A	M3T70381
M001T71281A	M1M72087	M1T72088	MD099667
M001T71281AC	M1M72181	M1T72181	MD112625
M001T71281B	M1M72182	M1T72181A	MD136933
M001T71281ZC	M1M72281	M1T72182	MD162839
M001T71381	M1M72583	M1T72182A	MD162840
M001T71481	M1M72981	M1T72281	MD162842
M001T71481A	M1M73481	M1T72281A	MD162843
M001T71581	M1T40271	M1T72481	MD172860
M001T71681	M1T60371	M1T72481ZC	MD172861
M001T71681A	M1T60081	M1T72581	MD172863
M001T71781	M1T60181	M1T72583	MD172864
M001T71781A	M1T60185	M1T72583G	MD182488
M001T71881	M1T60281	M1T72781A	MD309471
M001T71881A	M1T60381	M1T72981	MD309472
M001T72081	M1T60581	M1T72981A	MD312078
M001T72085	M1T61181	M1T72985	MD313327
M001T72086	M1T64285	M1T72985A	MD318086
M001T72086A	M1T68281	M1T73081	MD320618
M001T72087	M1T70281	M1T73281	MD328235
M001T72087A	M1T70281ZC		

HYUNDAI ACCENT 1.5L
 SONATA 2.0L 1992 - 1997
 ELANTRA 1.6L 1990 - 1995
MAZDA 626 1.8/2.0L 1987 - 1997
MITSUBISHI GALANT 1.8L 1987 - 1992
 GALANT 2.0L 1986 - 1996
 S3L D.MOTOR
NISSAN PRIMERA 2.0L 1990 - 1996
SUBARU IMPREZA 2.0L 1995 - 2007
SUZUKI JIMNY 1.3L 1998 - >
 SWIFT 1.0L 1984 - 2004
 SWIFT 1.3L 1986 - 2001
 VITARA 1.6L 1988 - 1998

3 KÖMÜRLÜ / WITH 3 BRUSHES

MI 1001**JASX 100** 4,3x12x12.3 12 Volt**UYGUN OEM NO / REPLACING OE-REF**
28510-7370**MOTOR NO / UNIT NO**
428000-7210**4 KÖMÜRLÜ / WITH 4 BRUSHES****ARAÇ MODELİ / VEHICLE MODELS**

CHRYSLER	300 V6 3.6L 3604CC
CAR	220CID 2011-2016
DODGE	CHALLENGER V6 3.6L
CAR	3604CC 220CID 2011-2016
	CHARGER V6 3.6L 3604CC
	220CID 2011-2016
DODGE	DURANGO V6 3.6L 3604CC
TRUCK	220CID 2011-2015
JEEP	GRAND CHEROKEE V6 3.6L
TRUCK	3604CC 220CID 2013-2015
RAM	1500 V6 3.6L 3604CC 220CID
TRUCK	EXC. STOP/START FEATURE
	2013-2014
TOYOTA	

MI 1041**JASX 103-104** 8X30X18,2 24 Volt**MOTOR NO / UNIT NO**

M9T60371
M9T61171
M9T60671
M9T60672
M9T61571
M9T61671
M9T64671
M9T80472
M9T80473
M9T83671

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODELS**

RENAULT	MIDLUM KAMYON
IVECO	STRALIS KAMYON
VOLVO	KAMYON

MI 1042**JASX 103-104** 8x30x18,2 24 Volt**MOTOR NO / UNIT NO**

M009T83671
M009T20171
M9T20171
M9T84771
M009T80471
M009T80472
M009T80473
M009T84771
M9T80471
M9T80472
M9T80473
M9T83671

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODELS**

MERCEDES	ACTROS 1831 / 1835 / 1840 /
	1843 / 1848 / 1853 / 2031 /
	2035 / 2040 / 2053 / 2531 /
	2535 / 2540 / 2543 / 2631 /
	2640 / 2643 / 2648 / 2653 /
	2657 / 3231 / 3240 / 3243 /
	3331 / 3335 / 3343
	1996 - 2003
	1832 / 1836 / 1841 / 1844 /
	2632 / 2636 / 2644 2003 ->
	1842 / 2042 / 2045 / 2048

MI 1391

JASX 39 C 6,5x8x10 12 Volt
UYGUN OEM NO / REPLACING OE-REF

28514-5020

MOTOR NO / UNIT NO

028000-2551	128000-4800	128000-9981	228000-7991
028000-9490	128000-4870	228000-0120	228000-8020
028108-5010	128000-5010	228000-0121	228000-8291
128000-2621	128000-5500	228000-0670	228000-8350
128000-2890	128000-5650	228000-0671	228000-8740
128000-2980	128000-6550	228000-0770	228000-8830
128000-3250	128000-7050	228000-1250	228000-8831
128000-3251	128000-7051	228000-1870	228000-9180
128000-3260	128000-7110	228000-2210	228000-9181
128000-3261	128000-7150	228000-2211	228000-9182
128000-3262	128000-7160	228000-2212	228000-9261
128000-3540	128000-7480	228000-2213	228000-9480
128000-3650	128000-7580	228000-2214	228000-9481
128000-3651	128000-7581	228000-2420	228000-9580
128000-4020	128000-7720	228000-2640	228000-9710
128000-4030	128000-7740	228000-3270	428000-0230
128000-4031	128000-7860	228000-3271	428000-0490
128000-4032	128000-7940	228000-3340	428000-1000
128000-4270	128000-8040	228000-3341	428000-2741
128000-4290	128000-8540	228000-4620	428000-3130
128000-4291	128000-8930	228000-4910	428000-5060
128000-4430	128000-9170	228000-5160	428000-6600
128000-4520	128000-9171	228000-6300	428000-6610
128000-4530	128000-9210	228000-7190	428000-6681
128000-4531	128000-9360	228000-7850	DSN931
128000-4532	128000-9362	228000-7851	
128000-4700	128000-9363	228000-7860	
128000-4800	128000-9980	228000-7990	

ARAÇ MODELİ / VEHICLE MODEL

J. DEERE	BAHÇE ALETLERİ
FORD	ESCORT, FIESTA 1.2 - 1.3
MAZDA	
TOYOTA	
SUZUKI	ALTO, CARRY

4 KÖMÜRLÜ / WITH 4 BRUSHES
MI 1701

JASX 70 6,8x11,8x17,2 12 Volt
UYGUN OEM NO / REPLACING OE-REF

M649T20471, M649X20471, ME701467

MOTOR NO / UNIT NO

1810A050	M2T85672	M8T71371ZE
1810A053	M2T85771	M8T71471
M001T75283	M2T85871	M8T71471ZE
M002T84071	M2T87071	M8T71571
M002T84171	M2T87071ZT	M8T75071
M002T84271	M2T87072ZT	M8T75071A
M002T84571	M2T87171	M8T75073
M002T84771	M2T87171ZT	M8T75073A
M002T87071	M2T87271	M8T75074
M002T87171	M2T87271ZT	M8T75171
M002T87271	M2T87371	M8T75271
M002T87371	M2T87471	M8T75371
M002T87471	M2T87671	M8T75671
M002T87671	M2T87971	M8T75871
M002T87971	M2T88071	M8T75971
M002T88071	M2T88171	M8T76071
M008T70171	M2T88271	M8T76072
M008T75071	M2T88372	M8T76072ZE
M008T75071A	M2T88471	MD312857
M1T75283	M2T88473	MD312858
M2T84071	M2T88671	MD314167
M2T84071ZT	M2T88971	MD315547
M2T84171	M2TS0471	MD315548
M2T84171ZT	M2TS0571	MD331137
M2T84271	M2TS0575	MD344182
M2T84371	M2TS0671	MD344183
M2T84471	M8T70071	MD348221
M2T84571	M8T70171	ME201650
M2T84671	M8T70175	ME201650A
M2T84771	M8T70371	ME202970
M2T85071	M8T70471	ME204424
M2T85271	M8T70471A	ME204424A
M2T85371	M8T70472	ME204425
M2T85671	M8T71371	ME204425B

ARAÇ MODELİ / VEHICLE MODEL

JEEP -	CHEROKEE 4.0L 1987 - 1997 G.CHEROKEE 4.0L 1993 - 2004
HYUNDAI	H100 2.5D 1993 - 2000 STAREX 2.5 TD 2000 - 2007 H1 2.5 CRDI 2007 ->
KIA	BONGO K2500 2002 ->
MAZDA	B2500 2.5D 1996 - 2006 BT50 2.5D 2006 - 2011 E2200 2.2D 1997 - 2002
MITSUBISHI	CANTER 2.8D 1998 - 2000 CANTER 3.0 TD 2000 - 2002 CANTER FE711 3.0D 2006-2013 L200 2.5D 1996 -> L300 2.5D 1986 - 2006 LANCER 1.8D 1986 - 1992 PAJERO 2.8 TD 1995 - 2000 PAJERO 3.2 DI-D 2000 ->
NISSAN	NAVARA 2.5 DCI 2010 - 2015 SKYSTAR 2.5 DCI 2001 - 2007 X-TRAIL 2.0/2.2 DCI 2003-2013
OPEL	MOVANO 2.5D 1998 - 2001
RENAULT	MASTER 2.5 D 1997 - 2003 MASTER 2.8 TD 1997 - 2003
SUZUKI	G.VITARA 2.5 HDI 2000 - 2005

4 KÖMÜRLÜ / WITH 4 BRUSHES

MI 1702**JASX 70 H****6,8x11,8x17,2****24 Volt****ARAÇ MODELİ / VEHICLE MODEL****UYGUN OEM NO / REPLACING OE-REF**

M649X20771, ME701495

MOTOR NO / UNIT NO

M008T85071	M8T80372	M8T81071A	ME013008 ME014418
M008T85071A	M8T80373	M8T85071	
M2T80772	M8T80374	M8T85071A	
M2T87571	M8T80471	M8T85071B	
M2T87871	M8T80471A	M8T85271	
M2TS5071	M8T80472	M8T85271B	
M8T80071	M8T80472A	M8T85471	
M8T80071A	M8T80571	M8T85571	
M8T80071B	M8T80571A	M8T85671	
M8T80171	M8T80772	ME012994	
M8T80371	M8T81071	ME012995	

4 KÖMÜRLÜ / WITH 4 BRUSHES**MITSUBISHI** CANTER 3.9 TD 1996 - 2006
CANTER Y.M.**CATERPILLAR** İŞ MAK.
KUBOTO İŞ MAK.**MI 1711****JASX 71****8x24x17****12 Volt****ARAÇ MODELİ / VEHICLE MODEL****UYGUN OEM NO / REPLACING OE-REF**

M649T02171

MOTOR NO / UNIT NO

M2T60071	M2T78072
M2T60072	M2T92071
M2T60073	M2T92171
M2T60171	M2T92172
M2T60172	M2T92271
M2T60185	MD072654
M2T60571	MD095865
	MD121581

4 KÖMÜRLÜ / WITH 4 BRUSHES**HYUNDAI** STAREX 2.5 TD 1997 - 2007
H100 2.5D 1994 - 2002**KIA** BONGO K2500 2.3 TCI 2003 ->
PREGIO 2.3 TCI 2002 - 2006**MITSUBISHI** L200 2.5D 1986 - 1996
PAJERO 2.5 TD 1989 - 2000**MI 2431****JASX 42-43****4,5x18x17,5****12 Volt****ARAÇ MODELİ / VEHICLE MODEL****UYGUN OEM NO / REPLACING OE-REF**

M649T01671, M649T06971

MOTOR NO / UNIT NO

1810A062	M001T75581ZC	M1T74491
1810A101	M001T75681	M1T74581
1810A143	M001T80081	M1T74583
M000T80082	M001T80082	M1T74781
M001M74181	M001T90081A	M1T74781A
M001M74381	M0T80082	M1T74883
M001M74781	M1M74181	M1T75181
M001M75181	M1M74381	M1T75181A
M001M75381	M1M74781	M1T75281
M001T71881A	M1M75181	M1T75283
M001T74081	M1M75381	M1T75381
M001T74087	M1T30071	M1T75381A
M001T74181	M1T30072	M1T75581
M001T74181A	M1T30171	M1T75581ZC
M001T74281	M1T30172	M1T75681
M001T74281ZC	M1T30471	M1T76081
M001T74283ZC	M1T6082	M1T76381
M001T74287ZC	M1T71881A	M1T80081
M001T74381	M1T74081	M1T80082
M001T74381A	M1T74081A	M1T80381
M001T74481	M1T74087	M1T80481
M001T74491	M1T74181	M1T90081A
M001T74581	M1T74181A	M1T90281
M001T74781	M1T74281	M1T93071
M001T74781A	M1T74281ZC	M1T93071ZC
M001T75181	M1T74283	M1T93171ZC
M001T75181A	M1T74287ZC	M1T93371
M001T75381	M1T74381	M1T93571
M001T75381A	M1T74381A	M1T95081
M001T75581	M1T74481	M1T75281

3 KÖMÜRLÜ / WITH 3 BRUSHES**FIAT** DUCATO 1.9D 1998 - 2002
DUCATO 2.0 JTD 2001 - 2006
SCUDO 1.9 JTD 1996 - 2007
SCUDO 2.0 JTD 1999 - 2007**PEUGEOT** BOXER 1.9D 1994 - 2002
BOXER 2.0/2.2 HDI 2002 - 2006
PARTNER 1.9D 1996 - 2005
PARTNER 2.0 HDI 1999 - 2005**MAZDA** 626 2.0L 1988 - 1997

MI 2831

JASX 82-83/4
7x10x17
12 Volt
UYGUN OEM NO / REPLACING OE-REF

M649T01371, M649T02271, M649T02272, M649T04871,
M649X01371, MD607555, MD607926, MD618513

MOTOR NO / UNIT NO

A3T22681	M003T38885	M2T47281	M3T38081
M002T13281	M003T39385	M2T47381	M3T38082
M002T13581	M003T39481	M2T47382	M3T38181
M002T20181D	M003T39981	M2T47383	M3T38381
M002T23081	M003T41081	M2T47581	M3T38481
M002T25772	M003T41083	M2T47781	M3T38781
M002T30481	M003T41088	M2T47782	M3T38881
M002T30581	M003T41181	M2T47981	M3T38882
M002T30586	M003T41185	M2T48081	M3T38883
M002T30981	M003T41186	M2T48281	M3T38884
M002T31081	M003T41282	M2T48381	M3T38885
M002T37081	M003T41285	M2T48681	M3T38981
M002T37281	M003T41381	M2T48781	M3T39182
M002T41181	M003T41481	M2T48881	M3T39385
M002T41182	M003T41581	M2T48882	M3T39481
M002T41183	M003T41681	M2T48981	M3T39981
M002T41381	M003T41881	M2T48982	M3T41081
M002T41581	M003T42281	M2T49081	M3T41083
M002T41586	M003T42681	M2T49082	M3T41088
M002T42381	M003T42781	M2T49086	M3T41181
M002T42481	M003T42881	M2T49181	M3T41185
M002T42482	M003T43081	M2T49281	M3T41186
M002T42781	M003T43381	M2T49282	M3T41282
M002T42881	M003T43481	M2T49283	M3T41285
M002T42981	M003T43581	M2T49481	M3T41381
M002T44081	M003T43681	M2T49581	M3T41481
M002T44681	M003T43682	M2T49781	M3T41581
M002T44781	M003T43781	M2T49782	M3T41681
M002T48081	M003T43881	M2T49881	M3T41781
M002T48681	M003T44081	M2T49981	M3T41881
M002T48781	M003T44181	M3T21281	M3T42281
M002T49181	M003T44281	M3T21381	M3T42681
M002T49281	M003T44481	M3T21781	M3T42781
M002T49282	M003T48281	M3T22581	M3T42881
M002T49283	M003T49281	M3T22681	M3T43081
M002T49781	M003T49381	M3T24482	M3T43181
M002T49782	M003T49481	M3T24486A	M3T43281
M002T49881	M003T49581	M3T24486H	M3T43381
M003Q38882	M003T49585	M3T24487	M3T43481
M003T10476D	M003T49781	M3T25282H	M3T43581
M003T21281D	M003T49881	M3T25981	M3T43681
M003T21381D	M003T70081	M3T27581	M3T43682
M003T24482	M003V38881	M3T27681	M3T43781
M003T24482H	M003Y24482	M3T27685	M3T43881
M003T24482HC	M0A01901	M3T27686	M3T44081
M003T24482J	M2T13081	M3T27688	M3T44181
M003T24482K	M2T13181	M3T27781	M3T44182
M003T24486H	M2T13281	M3T29482	M3T44281
M003T24487	M2T13381	M3T30081	M3T44381
M003T25282H	M2T13481	M3T30082	M3T44481
M003T27681	M2T13581	M3T30088	M3T44781
M003T27685	M2T20181	M3T30281	M3T44782
M003T27686	M2T23081	M3T30282	M3T48281
M003T27686D	M2T25772	M3T30285	M3T48381
M003T27686H	M2T30281	M3T30286	M3T48681
M003T27686N	M2T30381	M3T30381	M3T49281
M003T27688	M2T30385	M3T30382	M3T49381
M003T27781D	M2T30481	M3T30581	M3T49481
M003T29482D	M2T30581	M3T30583	M3T49581
M003T30281	M2T30585	M3T30681	M3T49585
M003T30282	M2T30586	M3T30781	M3T49781
M003T30285	M2T30681	M3T30782	M3T49881
M003T30286	M2T30685	M3T30881	M3T49981
M003T30581	M2T30686	M3T30981	M3T70081
M003T30581H	M2T30785	M3T32081	M3T70381
M003T30581J	M2T30786	M3T32082	M3T70581
M003T30583	M2T30981	M3T32381	MD001333
M003T30681	M2T31081	M3T32382	MD016920
M003T30881	M2T31981	M3T32581	MD034120
M003T30981	M2T32281	M3T32582	MD062073
M003T32588	M2T37081	M3T32584	MD079461
M003T32589	M2T37281	M3T32585	MD081567
M003T32591	M2T41181	M3T32588	MD081568
M003T32592	M2T41182	M3T32589	MD091945
M003T32593	M2T41183	M3T32591	MD100431
M003T32782D	M2T41381	M3T32592	MD101219
M003T32991	M2T41581	M3T32593	MD105042
M003T33081	M2T41586	M3T32681	MD107614
M003T33182	M2T41681	M3T32781	MD107615
M003T33183	M2T41786	M3T32782	MD161437
M003T33281	M2T41886	M3T32991	MD162836
M003T33582	M2T41981	M3T33081	MD162837
M003T33582A	M2T41985	M3T33182	MD162838
M003T33586	M2T42281	M3T33183	MD164865
M003T33586A	M2T42285	M3T33281	MD164866
M003T33586D	M2T42381	M3T33481	MD180238
M003T33781	M2T42481	M3T33581	MD180239
M003T33781ZC	M2T42482	M3T33582	MD181470
M003T33785	M2T42581	M3T33586	MD189054
M003T33871	M2T42681	M3T33781	MD192227
M003T33981	M2T42781	M3T33785	MD192228
M003T33981H	M2T42881	M3T33871	MD196261
M003T37081	M2T42981	M3T33885	MD196262
M003T37481	M2T42985	M3T33886	MD196263
M003T37781	M2T43081	M3T33981	MD301348
M003T37783	M2T44081	M3T34681	MD301350
M003T38081	M2T44681	M3T34685	MD316001
M003T38082	M2T44781	M3T34781	MD321445
M003T38181	M2T46081	M3T34782	MD325440
M003T38381	M2T46381	M3T35082	MD325441
M003T38481	M2T46481	M3T36081	MD325442
M003T38781	M2T46581	M3T37081	MD325443
M003T38882	M2T46681	M3T37481	MD335584
M003T38883	M2T46682	M3T37781	MD359972
M003T38884	M2T47081	M3T37783	

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

HYUNDAI	ACCENT 1.3L 1993 - 1999
	ACCENT 1.5L 1995 - 2005
	ELANTRA 1.6L 2000 - 2006
KIA	RIO 1.3/1.5L 2000 - 2005
KOMATSU	DT11/FG20 FORKLIFT
MAZDA	323 1.6L 1987 - 1995
	323 1.3L/1.5L 1998 - 2001
	323 1.8L 1991 - 1994
	323 1.5L 1994 - 1998
	626 1.6/2.0L 1987 - 1992
MITSUBISHI	LANCER 1.5L 1983- 1992
	PAJERO 2.4L 1990 - 2001
PROTON	PERSONA 415 1.5L 1994 - 1999
	PERSONA 416 1.6L 1996 - 2001
SUBARU	IMPREZA 1.6L 1992 - 2000
	IMPREZA 2.0L 1992 - 2007
SUZUKI	G.VITARA 1.6L 1998 - 2005
	JIMNY 1.3L 1998 ->
	SWIFT 4x4 1.3L 2006 - 2010
	VITARA 1.6L 1990 - 1999
TCM	FG15 FORKLIFT 1986 ->
VOLVO	PENTA MD2020 D.MOTOR

MI 2832



JASX 82-83/3

7x10x17

12 Volt

ARAÇ MODELİ / VEHICLE MODEL

UYGUN OEM NO / REPLACING OE-REF

M649T01371, M649T02271, M649T02272, M649T04871, M649X01371, MD607555, MD607926, MD618513

MOTOR NO / UNIT NO

A3T22681, M002T13281, M002T13581, M002T20181D, M002T23081, M002T25772, M002T30481, M002T30581, M002T30586, M002T30981, M002T31081, M002T37081, M002T37281, M002T41181, M002T41182, M002T41183, M002T41381, M002T41581, M002T41586, M002T42381, M002T42481, M002T42482, M002T42781, M002T42881, M002T42981, M002T44081, M002T44681, M002T44781, M002T48081, M002T48681, M002T48781, M002T49181, M002T49281, M002T49282, M002T49283, M002T49781, M002T49782, M002T49881, M003Q38882, M003T10476D, M003T21281D, M003T21381D, M003T24482, M003T24482H, M003T24482HC, M003T24482J, M003T24482K, M003T24486H, M003T24487, M003T25282H, M003T27681, M003T27685, M003T27686, M003T27686D, M003T27686H, M003T27686N, M003T27688, M003T27781D, M003T29482D, M003T30281, M003T30282, M003T30285, M003T30286, M003T30581, M003T30581H, M003T30581J, M003T30583, M003T30681, M003T30881, M003T30981, M003T32588, M003T32589, M003T32591, M003T32592, M003T32593, M003T32782D, M003T32991, M003T33081, M003T33182, M003T33183, M003T33281, M003T33582, M003T33582A, M003T33586, M003T33586A, M003T33586D, M003T33781, M003T33781ZC, M003T33785, M003T33871, M003T33981, M003T33981H, M003T37081, M003T37481, M003T37781, M003T37783, M003T38081, M003T38082, M003T38181, M003T38381, M003T38481, M003T38781, M003T38882, M003T38883, M003T38884, M003T38885, M003T39385, M003T39481, M003T39981, M003T41081, M003T41083, M003T41088, M003T41181, M003T41185, M003T41186, M003T41282, M003T41285, M003T41381, M003T41481, M003T41581, M003T41681, M003T41881, M003T42281, M003T42681, M003T42781, M003T42881, M003T43081, M003T43381, M003T43481, M003T43581, M003T43681, M003T43682, M003T43781, M003T43881, M003T44081, M003T44181, M003T44281, M003T44481, M003T48281, M003T49281, M003T49381, M003T49481, M003T49581, M003T49585, M003T49781, M003T49881, M003T70081, M003V38881, M003Y24482, M0A01901, M2T13081, M2T13181, M2T13281, M2T13381, M2T13481, M2T13581, M2T20181, M2T23081, M2T25772, M2T30281, M2T30381, M2T30385, M2T30481, M2T30581, M2T30585, M2T30586, M2T30681, M2T30685, M2T30686, M2T30785, M2T30786, M2T30981, M2T31081, M2T31981, M2T32281, M2T37081, M2T37281, M2T41181, M2T41182, M2T41183, M2T41381, M2T41581, M2T41586, M2T41681, M2T41786, M2T41886, M2T41981, M2T41985, M2T42281, M2T42285, M2T42381, M2T42481, M2T42482, M2T42581, M2T42681, M2T42781, M2T42881, M2T42981, M2T42985, M2T43081, M2T44081, M2T44681, M2T44781, M2T46081, M2T46381, M2T46481, M2T46581, M2T46681, M2T46682, M2T47081, M2T47281, M2T47381, M2T47382, M2T47383, M2T47581, M2T47781, M2T47782, M2T47981, M2T48081, M2T48281, M2T48381, M2T48681, M2T48781, M2T48881, M2T48882, M2T48981, M2T48982, M2T49081, M2T49082, M2T49086, M2T49181, M2T49281, M2T49282, M2T49283, M2T49481, M2T49581, M2T49781, M2T49782, M2T49881, M2T49981, M3T21281, M3T21381, M3T21781, M3T22581, M3T22681, M3T24482, M3T24486A, M3T24486H, M3T24487, M3T25282H, M3T25981, M3T27581, M3T27681, M3T27685, M3T27686, M3T27688, M3T27781, M3T29482, M3T30081, M3T30082, M3T30088, M3T30281, M3T30282, M3T30285, M3T30286, M3T30381, M3T30382, M3T30581, M3T30583, M3T30681, M3T30781, M3T30782, M3T30881, M3T30981, M3T32081, M3T32082, M3T32381, M3T32382, M3T32581, M3T32582, M3T32584, M3T32585, M3T32588, M3T32589, M3T32591, M3T32592, M3T32593, M3T32681, M3T32781, M3T32782, M3T32991, M3T33081, M3T33182, M3T33183, M3T33281, M3T33481, M3T33581, M3T33582, M3T33586, M3T33781, M3T33785, M3T33871, M3T33885, M3T33886, M3T33981, M3T34681, M3T34685, M3T34781, M3T34782, M3T35082, M3T36081, M3T37081, M3T37481, M3T37781, M3T37783, M3T38081, M3T38082, M3T38181, M3T38381, M3T38481, M3T38781, M3T38881, M3T38882, M3T38883, M3T38884, M3T38885, M3T38981, M3T39182, M3T39385, M3T39481, M3T39981, M3T41081, M3T41083, M3T41088, M3T41181, M3T41185, M3T41186, M3T41282, M3T41285, M3T41381, M3T41481, M3T41581, M3T41681, M3T41781, M3T41881, M3T42281, M3T42681, M3T42781, M3T42881, M3T43081, M3T43181, M3T43281, M3T43381, M3T43481, M3T43581, M3T43681, M3T43682, M3T43781, M3T43881, M3T44081, M3T44181, M3T44182, M3T44281, M3T44381, M3T44481, M3T44781, M3T44782, M3T48281, M3T48381, M3T48681, M3T49281, M3T49381, M3T49481, M3T49581, M3T49585, M3T49781, M3T49881, M3T49981, M3T70081, M3T70381, M3T70581, MD001333, MD016920, MD034120, MD062073, MD079461, MD081567, MD081568, MD091945, MD100431, MD101219, MD105042, MD107614, MD107615, MD161437, MD162836, MD162837, MD162838, MD164865, MD164866, MD180238, MD180239, MD181470, MD189054, MD192227, MD192228, MD196261, MD196262, MD196263, MD301348, MD301350, MD316001, MD321445, MD325440, MD325441, MD325442, MD325443, MD335584, MD359972

3 KÖMÜRLÜ / WITH 3 BRUSHES

HYUNDAI ACCENT 1.3L 1993 - 1999
ACCENT 1.5L 1995 - 2005
EXCEL .3L 1989 - 1995

MI 4281

JASX 44-28/0 4,5x12x12,5 12 Volt
UYGUN OEM NO / REPLACING OE-REF
M321X07076

MOTOR NO / UNIT NO

MOT80281B
MOT82881
MOT84585
MOT86181
MOT87081
MOT87881
MOT91581
M1T85781

3 KÖMÜRLÜ / WITH 3 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
DACIA DUSTER 1.5 DCI 2010 ->
LODGY 1.5 DCI 2010 ->
LOGAN 1.5 DCI 2005 ->
SANDERO 1.5 DCI 2008 ->
NISSAN ALMERA 1.5 DCI 2003 - 2006
MICRA 1.5 DCI 2002 - 2010
NOTE 1.5 DCI 2006 - 2013
QASHQAI 1.5 DCI 2007 - 2016
RENAULT CAPTUR 1.5 DCI 2013 ->
CLIO 1.5 DCI 2001 - 2014
CLIO SYMBOL 1.5 DCI 2001-2010
FLUENCE 1.5 DCI 2004 ->
KANGOO 1.5/1.9 DCI 2000 ->
LAGUNA 1.5 DCI 2007 - 2015
MEGANE 1.5 DCI 2002 - 2016
MEGANE 1.9 DCI/DTI 1998 - 2004
MODUS 1.5 DCI 2005 - 2012
SCENIC 1.5 DCI 2002 - 2016
SCENIC 1.9 DCI 1999 - 2003

MI 4282

JASX 44-28/00 4,5x12x12,5 12 Volt
UYGUN OEM NO / REPLACING OE-REF
M321X15071

MOTOR NO / UNIT NO

MOT80281B MOT20972ZC
MOT82881 MOT21471
MOT84585 MOT30771
MOT86181 MOT32171
MOT87081 MOT32172
MOT87881 MOT35273
MOT91581 MOT35471
M1T85781 MOT36071
M321X15071 MOT37171
M000T35273 MOT45071ZT
M000T37171 MOT45171
MOT20871 MOT45171ZT
MOT20871ZE MOT45271
MOT20872ZE MOT45271ZT
MOT45371ZT

3 KÖMÜRLÜ / WITH 3 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
CITROEN BERLİNGO 1.6 HDI 2005 - 2012
BERLİNGO 1.9D 1996 - 2002
BERLİNGO 2.0 HDI 1999 - 2005
C4 2.0 HDI 2001 ->
JUMPER 2.0/2.2 HDI 2001-2006
JUMPY 2.0 HDI 1999 - 2006
DACIA LOGAN 1.4/1.6L 2004 - 2012
SANDERO 1.4/1.6L 2008 - 2012
FIAT DUCATO 2.0 JTD 2001 - 2002
SCUDO 2.0 JTD 1999 - 2006
MITSUBISHI COLT 1.1/1.3/1.5L 2005 - 2012
LANCER 1.5L 2008 - 2017
LANCER 1.6L 2003 - 2007
NISSAN NOTE 1.6L 2002 - 2006
QASHQAI 1.6L 2007 - 2013
PEUGEOT 307 2.0 HDI 2002 - 2008
307 2.0L 2005 - 2007
407 2.0L /2.0 HDI 2004 - 2010
BOXER 2.0 HDI 2001 -2006
PARTNER 2.0 HDI 1999 - 2005
FOURFOUR 1.1/1.5L 2004-2006
SMART
SUZUKI SWIFT 1.3L 4x4 2006 - 2010
VOLVO V40 1.8L 2001 - 2004

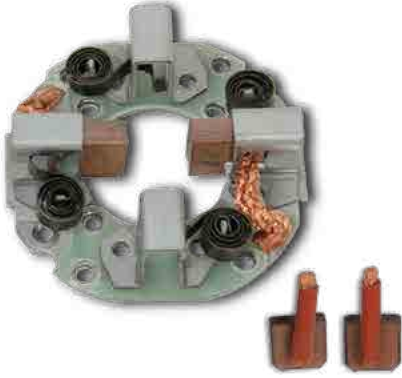
MI 4283

JASX 44-28 4,5x12x12,5 12 Volt
UYGUN OEM NO / REPLACING OE-REF
M321X05171, M321X04471, M647X03471, M647X04571
M647X05571, M647X05871

MOTOR NO / UNIT NO

M1T60281 MOT81281
M001T60281 M1T60285A
MOT60081 M001T60285A
MOT81081 MOT70881
M1T60285 MOT81284
M001T60285 MOT81681
MOT60082

2 KÖMÜRLÜ / WITH 2 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
MITSUBISHI LANCER 1.3L 1.6L 2003 ->
CARISMA 1.8 GDI 2000-2006
SUZUKI GRAND VITARA 2.5L 1999-2003

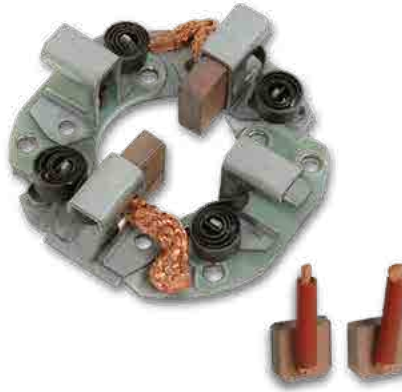
MI 6971**JASX 96-97****6x18x18****24 Volt****ARAÇ MODELİ / VEHICLE MODEL****UYGUN OEM NO / REPLACING OE-REF**

M649T05072, M649T05072

MOTOR NO / UNIT NO

M2T56071	M8T80871B
M2T60071	M8T85071
M2T65271	M8T85071B
M2T65272	ME012665
M2T66873	ME012994
M2T67884	ME012995
M2T80582	ME013008
M8T80071A	ME014418
M8T80071B	ME017092
M8T80871A	

MITSUBISHI CANTER 211 1983 - 1985
CANTER FE 4 SERİSİ
1987 - 1996
CANTER FE 5/6 SERİLERİ
1996 - 2006
FD20 FORKLIFT 1983 ->

4 KÖMÜRLÜ / WITH 4 BRUSHES**MI 8991****JASX 98-99****6,8x18x18****12 Volt****ARAÇ MODELİ / VEHICLE MODEL****UYGUN OEM NO / REPLACING OE-REF**

M649T05072, M649T05072

MOTOR NO / UNIT NO

M002T54271	M002T64371	M2T56471	M2T67873
M002T54371	M002T64871	M2T56472	M2T67881
M002T54372	M002T65271	M2T56475	M2T67882
M002T54471	M002T65272	M2T56871	M2T67883
M002T54571	M002T65275	M2T56971	M2T67981
M002T54572	M002T65671	M2T57271	M2T69081
M002T54771	M002T66871	M2T57273	M2T69171
M002T54871	M002T66872	M2T57371	M2T69381
M002T54881	M002T66873	M2T57671	M2T74171
M002T54882	M002T67871	M2T57671A	M2T74371
M002T55871	M002T67872	M2T57672	M2T90071
M002T56171	M002T67873	M2T57673B	M2T92071A
M002T56181	M002T67881	M2T57673C	M2T92172A
M002T56182	M002T67882	M2T57771	M2T92271A
M002T56185	M002T67883	M2T57773	M2V57673
M002T56272	M002T67884	M2T57871	M3T64172
M002T56471	M002T67981	M2T57881	M8T87171
M002T56472	M002T69081	M2T60172	MD050205
M002T56475	M002T69171	M2T60185	MD061154
M002T56871	M002T69381	M2T60271	MD069166
M002T57271	M002T74171	M2T60671	MD070934
M002T57273	M002T80582	M2T61071	MD140190
M002T57371	M002T90071	M2T61072	MD156986
M002T57671	M002T92071A	M2T61171	MD156987
M002T57671A	M002T92172A	M2T61271	MD156989
M002T57672	M002V57673	M2T61371	MD162975
M002T57673C	M2T54271	M2T61471	MD164975
M002T57771	M2T54272	M2T61771	MD164976
M002T57773	M2T54371	M2T62271	MD164977
M002T57871	M2T54372	M2T62771	MD164978
M002T57881	M2T54471	M2T62871	MD177596
M002T61071	M2T54571	M2T62971	MD191433
M002T61072	M2T54572	M2T63071	MD191434
M002T61171	M2T54671	M2T63171	MD191435
M002T61271	M2T54771	M2T63271	MD191436
M002T61771	M2T54871	M2T63371	MD191437
M002T62271	M2T54881	M2T64271	ME001565
M002T62771	M2T54882	M2T64371	ME007655
M002T62871	M2T55571	M2T64372	ME017035
M002T62971	M2T55871	M2T64871	ME017036
M002T63071	M2T56171	M2T65275	ME017056
M002T63171	M2T56181	M2T65671	ME017061
M002T63271	M2T56182	M2T66871	ME017085
M002T64271	M2T56185	M2T66872	ME017089
	M2T56271	M2T67871	ME017646
	M2T56272	M2T67872	ME200206

CHYSTER FORKLIFT 1985 ->
HYUNDAI STAREX 2.5 D 1997 - 2005
H100 2.5D 1993 - 2002
KIA BONGO K2500 2.5 TCI 2003 ->
PREGIO 2.5 TCI 2002 - 2005
MITSUBISHI CANTER 35 2.5D 1986 - 1996
PAJERO 2.5 TD 1990 - 2000
L200 2.5 TD 1992 - 1996
L300 2.5D 1986 - 2000

4 KÖMÜRLÜ / WITH 4 BRUSHES

ND 0111

JASX 10-11 10x30x20 12/24 Volt
UYGUN OEM NO / REPLACING OE-REF

028510-0880

MOTOR NO / UNIT NO

128000-0490	128000-5370	228000-5311	228000-7413
128000-2450	128000-5731	228000-5460	228000-7550
128000-2470	128000-5732	228000-5610	228000-7870
128000-2560	228000-0874	228000-5621	228000-8082
128000-2740	228000-2200	228000-5650	228000-8470
128000-3360	228000-2470	228000-5651	228000-9020
128000-3361	228000-2670	228000-5730	228000-9140
128000-4250	228000-2800	228000-5850	228000-9630
128000-4682	228000-3310	228000-6530	228000-9750
128000-4683	228000-3320	228000-6540	228000-9760
128000-4684	228000-3700	228000-6550	428000-1370
128000-4685	228000-5000	228000-6560	428000-2370
128000-4687	228000-5001	228000-6572	428000-2590
128000-4910	228000-5052	228000-7380	428000-4440
128000-5370			

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
CATERPILLAR 3114/3116 MOTORLAR
1991 - 1993

CUMMINS 8.3 D.MOTOR 1997 ->

J.DEERE 8110/8210/8310/8410 8.1D
1999 - 2001

 8120/8220/8320/8420/8520 8.1D
2001 - 2006

 8230/8330/8430/8530 2005-2009
9230/9670/9770 2007 - 2009

KOMATSU D39 İŞ MAK. 2001 - 2011

 PC220 EKSKAVATÖR 1996 - 2006
WA 380-6 YÜKLEYİCİ 2006 - 2015

ND 0112

JASX 10-11 10x30x20 24 Volt
UYGUN OEM NO / REPLACING OE-REF

028510-0880

MOTOR NO / UNIT NO

128000-0490	128000-5370	228000-5311	228000-7550
128000-2450	128000-5730	228000-5460	228000-7870
128000-2470	128000-5731	228000-5610	228000-8082
128000-2560	128000-5732	228000-5621	228000-8470
128000-2740	228000-0874	228000-5650	228000-9020
128000-3360	228000-2200	228000-5651	228000-9140
128000-3361	228000-2470	228000-5730	228000-9630
128000-4250	228000-2670	228000-5850	228000-9750
128000-4682	228000-2800	228000-6530	228000-9760
128000-4683	228000-3310	228000-6540	428000-1370
128000-4684	228000-3320	228000-6550	428000-2370
128000-4685	228000-3700	228000-6560	428000-2590
128000-4687	228000-5000	228000-6572	428000-4440
128000-4910	228000-5001	228000-7380	
	228000-5052	228000-7413	

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
CATERPILLAR 3114/3116 MOTORLAR
1991 - 1993

CUMMINS 8.3 D.MOTOR 1997 ->

J.DEERE 8110/8210/8310/8410 8.1D

 1999 - 2001
8120/8220/8320/8420/8520
8.1D

 2001 - 2006
8230/8330/8430/8530
2005-2009

 9230/9670/9770 2007 -
2009

KOMATSU D39 İŞ MAK. 2001 - 2011

 PC220 EKSKAVATÖR 1996
- 2006

 WA 380-6 YÜKLEYİCİ 2006
- 2015

ND 0141

K014 4,5x19x16 12 Volt
MOTOR NO / UNIT NO

 428000-5510
428000-5511
DSN967

3 KÖMÜRLÜ / WITH 3 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
M.BENZ C220 2.1 CDI 2008 - 2014
E220 2.1 CDI 2009 - 2016
E250 2.1 CDI 2009 - 2016
GLK 220 2.1 CDI 2009 - 2015
SPRINTER 213 2.1 CDI 2009 ->
SPRINTER 313 2.1 CDI 2009 ->
SPRINTER 316 2.1 CDI 2009 ->
VIANO 2.0 CDI 2010 - 2014
VIANO 2.2 CDI 2010 - 2014
VITO 113 2.1 CDI 2010 - 2014
VITO 116 2.1 CDI 2010 - 2014

ND 0151**K 015****4,5x14x16****12 Volt****ARAÇ MODELİ / VEHICLE MODEL****MOTOR NO / UNIT NO**

428000-6180
DSN949
281000-Y010

TOYOTA AURIS 1.33 D-VVTI 2009 - 2012
YARIS 1.33 D-VVTI 2009 - 2012
YARIS 1.0L 2005 ->

3 KÖMÜRLÜ / WITH 3 BRUSHES**ND 0221****K022****5,1x10,8x12,4****12 Volt****ARAÇ MODELİ / VEHICLE MODEL****UYGUN OEM NO / REPLACING OE-REF**

SBH3038S, 7.7633.1

MOTOR NO / UNIT NO

TM000A27301
VALEO
TM000A27601
VALEO
TM000A31001
VALEO
TM000A37001
VALEO

HYUNDAI

ACCENT, ATOS, COUPE,
ELANTRA, EXCEL, GETZ,
MATRIX, SONATA,
CERATO, JOICE, RIO

KIA**4 KÖMÜRLÜ / WITH 4 BRUSHES**

ND 0521

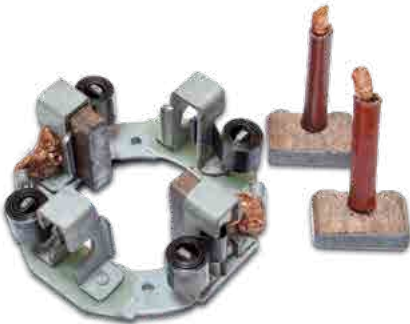
JASX 52
6.5x13x14
12 Volt
UYGUN OEM NO / REPLACING OE-REF
 028510-5190

MOTOR NO / UNIT NO

128000-2680	128000-8880	228000-5440	228000-7470
128000-2682	128000-8881	228000-5480	228000-7480
128000-5210	128000-8890	228000-5481	228000-7581
128000-5211	128000-8891	228000-5590	228000-7591
128000-5680	128000-9220	228000-5750	228000-7791
128000-5681	128000-9290	228000-5910	228000-8090
128000-5682	128000-9291	228000-5911	228000-8360
128000-6210	128000-9292	228000-5960	228000-8540
128000-6211	128000-9470	228000-5970	228000-8550
128000-6212	228000-0460	228000-6450	228000-8930
128000-6240	228000-0550	228000-6460	280000-6620
128000-6340	228000-0551	228000-6620	428000-0320
128000-6341	228000-0940	228000-6680	428000-0321
128000-6420	228000-0941	228000-6730	428000-0860
128000-6421	228000-1331	228000-6740	428000-1160
128000-6422	228000-1550	228000-6750	428000-1360
128000-6720	228000-2010	228000-6760	428000-1590
128000-6721	228000-2900	228000-6840	428000-2560
128000-7400	228000-4020	228000-7090	679803-1151
128000-8530	228000-4030	228000-7160	
128000-8531	228000-5400	228000-7161	

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODELS

HONDA	CR-V 2.0L 1995 - 2002
TOYOTA	1.4 VVT-I 2007 - 2012
	AVENSIS 1.6/1.8L 2000 - 2003
	COROLLA 1.6L 1987 - 1995
	COROLLA 1.4 VVT-I 2000 - 2013
	YARIS 1.0/1.3L 1999 - 2005

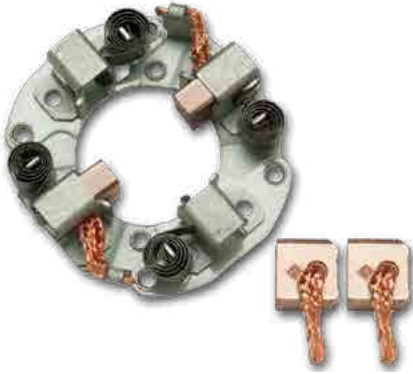
ND 0791

JASX 79
7x25x15,5
12 Volt
UYGUN OEM NO / REPLACING OE-REF
 028510-5800, 028510-6020

MOTOR NO / UNIT NO

228000-2120	228000-3840	228000-5120	228000-7220
228000-2121	228000-3841	228000-5121	228000-7390
228000-2122	228000-3842	228000-5382	228000-7800
228000-2123	228000-3850	228000-5791	228000-7801
228000-2124	228000-3851	228000-5860	228000-8150
228000-2680	228000-3852	228000-5861	428000-0250
228000-2682	228000-3920	228000-5862	428000-0260
228000-2690	228000-4050	228000-6010	428000-0500
228000-2700	228000-4291	228000-6482	428000-1280
228000-2980	228000-4570	228000-6921	428000-2730
228000-2990	228000-4790	228000-6951	
228000-3260	228000-4830	228000-7111	

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODELS

CAT	D17LIS D.MOTOR 1996 - 2006
	V60E/V80E FORKLIFT
FORD	RANGER 2.5D 1999 - 2011
HYSTER	FORKLIFT
KIA	SPORTAGE 2.0TD 1994 - 2004
KUBOTA	1.9 D.MOTOR
L.ROVER	DEFENDER 2.5 TDI 1998 - 2002
	FREELANDER 2.0 TD 2000 - 2006
LISTER	LPA3 D.MOTOR
MAZDA	323 2.0D 1996 - 2001
	626 2.0D 1983 - 2002
	B2200 2.2D 1985 - 1996
	B2500 2.5D 1996 - 2006
	E2200 2.2D 1984 - 2004
MINI	ONE 1.4D 2003 - 2006
THERMO KING	
TOYOTA	AURIS 1.4 D-4D 2001 - 2012
	COROLLA 1.4D 2004 - 2006
	HILUX 2.3D 1993 - 2001
	HILUX 2.4D 1988 - 2002
	HILUX 2.5D 2001 - 2005
	HIACE 2.4D 1993 - 2004
	HIACE 2.8D 1992 - 2000
	LAND CRUISER 2.4TD 1984 - 1992
	LAND CRUISER 3.0 D 1996 ->
SUZUKI	VITARA 2.0D 1994 - 1998
	G.VITARA 2.0D 1998 - 2005
YANMAR	4JH D.MOTOR

ND 0841**JASX 84****7x16x14****12 Volt****ARAÇ MODELİ / VEHICLE MODEL****UYGUN OEM NO / REPLACING OE-REF**

028510-0750, 028510-5320, 028510-5350, 028510-5510, 028510-5660

MOTOR NO / UNIT NO

128000-7002	228000-1000	228000-2061	228000-3801
128000-7500	228000-1020	228000-2180	228000-3802
128000-8030	228000-1021	228000-2260	228000-4260
128000-8210	228000-1022	228000-2261	228000-4261
128000-8350	228000-1030	228000-2280	228000-4262
128000-8360	228000-1040	228000-2570	228000-4370
128000-9300	228000-1041	228000-2571	228000-4390
128000-9310	228000-1050	228000-2572	228000-4840
128000-9520	228000-1060	228000-2573	228000-4970
128000-9860	228000-1070	228000-2580	228000-5090
128000-9870	228000-1080	228000-2790	228000-5300
128000-9871	228000-1160	228000-2810	228000-5301
128000-9872	228000-1530	228000-2841	228000-5302
128000-9880	228000-1531	228000-2940	228000-5303
128000-9890	228000-1880	228000-2960	228000-5450
228000-0220	228000-1900	228000-3250	228000-5740
228000-0410	228000-1960	228000-3390	228000-5741
228000-0440	228000-1980	228000-3620	228000-6000
228000-0760	228000-1981	228000-3630	228000-6250
228000-0761	228000-2050	228000-3730	428000-0090
228000-0990	228000-2051	228000-3780	428000-0570
228000-0991	228000-2060	228000-3800	

ISUZU NKR 2.8D 1985 - 1996**J.DEERE** 3120/3320/3520 2005 ->**KUBOTA** D850 D.MOTOR 1987 ->**LISTER** LP SERİSİ D.MOTOR 1990 -**TOYOTA** COROLLA 1.6 1987 - 1997

CARINA 1.6L 1992 - 1997

YARIS 1.4 D-4D 2001 - 2005

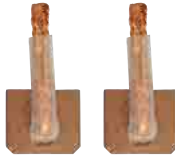
YANMAR 4JH D.MOTOR 1983 - 1989**4 KÖMÜRLÜ / WITH 4 BRUSHES****ND 0851****JASX 85****6.5x10x16****12 Volt****ARAÇ MODELİ / VEHICLE MODELS****UYGUN OEM NO / REPLACING OE-REF**

028510-0560

MOTOR NO / UNIT NO

028000-9490	128000-1310	128000-2500
128000-0010	128000-1610	128000-2540
128000-0290	128000-1620	128000-2680
128000-0670	128000-1760	128000-2700
128000-0680	128000-2050	128000-2940
128000-0920	128000-2170	128000-3230
128000-1070	128000-2420	228000-0160
128000-1200	128000-2430	228000-0170
128000-1210		

HONDA CIVIC 1.5L 1983 - 1995**TOYOTA** COROLLA 1.6L 1984 - 1992**4 KÖMÜRLÜ / WITH 4 BRUSHES**

ND 0881

JASX 88
8x25x21
12 Volt
UYGUN OEM NO / REPLACING OE-REF

028510-0500, 028510-5390

MOTOR NO / UNIT NO

028000-4800	028000-6892	128000-3080	228000-0270
028000-5000	028000-6893	128000-3081	228000-0271
028000-5300	028000-6900	128000-3082	228000-0281
028000-5301	028000-6901	128000-3100	228000-0282
028000-5490	028000-6902	128000-3120	228000-0291
028000-5510	028000-6910	128000-3512	228000-0292
028000-5511	028000-6911	128000-3513	228000-0350
028000-5530	028000-6912	128000-3514	228000-0351
028000-5531	028000-6950	128000-4080	228000-0570
028000-5532	028000-6951	128000-4083	228000-0571
028000-5541	028000-7240	128000-4100	228000-0572
028000-5542	028000-7241	128000-4101	228000-0573
028000-5543	028000-7242	128000-4111	228000-0574
028000-5550	028000-7400	128000-4112	228000-0575
028000-5551	028000-7451	128000-5091	228000-0630
028000-5552	028000-7452	128000-5380	228000-0842
028000-5553	028000-7540	128000-5381	228000-1350
028000-5560	028000-7541	128000-5382	228000-1420
028000-5561	028000-7542	128000-6170	228000-1440
028000-5570	028000-7731	128000-6171	228000-1590
028000-5571	028000-7732	128000-6172	228000-1591
028000-5581	028000-7800	128000-6173	228000-1600
028000-5620	028000-7801	128000-6180	228000-1601
028000-5651	028000-7802	128000-6181	228000-1610
028000-5652	028000-7810	128000-6182	228000-1611
028000-5660	028000-7811	128000-6183	228000-1661
028000-5661	028000-8070	128000-6184	228000-1671
028000-5690	028000-8071	128000-6330	228000-1770
028000-5691	028000-8072	128000-6810	228000-1771
028000-5692	028000-8400	128000-6811	228000-1772
028000-5693	028000-8490	128000-6812	228000-1790
028000-5832	028000-8491	128000-6822	228000-1791
028000-5833	028000-8500	128000-6823	228000-1830
028000-5834	028000-8501	128000-6830	228000-2030
028000-5835	028000-8561	128000-6831	228000-2031
028000-5840	028000-8562	128000-6832	228000-2110
028000-5841	028000-8611	128000-6833	228000-2111
028000-5850	028000-8612	128000-6860	228000-2290
028000-5860	028000-8840	128000-6861	228000-2660
028000-5861	028000-8841	128000-6910	228000-3070
028000-5862	028000-8842	128000-6911	228000-3080
028000-5863	028000-9331	128000-6920	228000-3090
028000-5864	028000-9332	128000-6921	228000-3100
028000-5870	028000-9333	128000-7280	228000-3230
028000-5871	028099-3570	128000-7281	228000-3710
028000-5880	128000-0380	128000-7282	228000-3720
028000-5890	128000-0381	128000-7283	228000-3810
028000-5891	128000-0382	128000-7290	228000-4240
028000-6010	128000-0383	128000-7291	228000-4680
028000-6012	128000-0520	128000-7292	228000-4930
028000-6013	128000-0530	128000-7293	228000-4991
028000-6021	128000-0531	128000-7294	228000-5220
028000-6022	128000-0532	128000-7360	228000-5340
028000-6060	128000-0540	128000-7361	228000-5341
028000-6061	128000-0550	128000-7362	228000-5342
028000-6062	128000-0551	128000-7363	228000-5641
028000-6200	128000-0790	128000-7600	228000-5811
028000-6201	128000-0971	128000-7601	228000-5830
028000-6290	128000-0972	128000-7602	228000-5980
028000-6291	128000-0973	128000-7603	228000-5981
028000-6292	128000-1000	128000-7604	228000-5990
028000-6340	128000-1001	128000-7920	228000-6291
028000-6341	128000-1010	128000-7921	228000-6380
028000-6460	128000-1011	128000-7922	228000-6470
028000-6461	128000-1060	128000-7923	228000-6471
028000-6462	128000-1561	128000-7932	228000-7300
028000-6463	128000-1570	128000-7933	228000-7500
028000-6560	128000-1571	128000-8061	228000-7902
028000-6561	128000-1572	128000-8063	228000-9050
028000-6590	128000-1573	128000-8064	228000-9500
028000-6591	128000-1574	128000-8290	428000-0190
028000-6780	128000-1580	128000-8620	428000-0290
028000-6870	128000-1581	128000-8621	428000-1190
028000-6871	128000-1582	128000-9580	428000-1660
028000-6872	128000-1583	128000-9581	428000-1691
028000-6880	128000-1584	128000-9582	428000-1830
028000-6881	128000-1585	128000-9960	428000-1850
028000-6882	128000-1790	128000-9961	428000-1860
028000-6890	128000-2930	128000-9970	428000-2581
028000-6891	128000-2931	128000-9971	428000-2631
	128000-2932	228000-0190	428000-3110
	128000-2933	228000-0191	

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODELS

BOBCA	İŞ MAK.
CATERPILLAR	BACKHOE LOADER
ISUZU	NPR 3.9D 1984 - 1996
JCB	434S/436E 6.7D 2007 ->
KOMATSU	FORKLIFT
TOYOTA	HIACE 2.4D 1990 - 2005
	HILUX 2.4D 1987 - 2006
	HILUX 2.5 D-4D 2006-2015

ND 0882



JASX 88

8x25x21

24 Volt

UYGUN OEM NO / REPLACING OE-REF

028510-0500, 028510-5390

MOTOR NO / UNIT NO

028000-4800	028000-6893	128000-3081	228000-0271
028000-5000	028000-6900	128000-3082	228000-0281
028000-5300	028000-6901	128000-3100	228000-0282
028000-5301	028000-6902	128000-3120	228000-0291
028000-5490	028000-6910	128000-3512	228000-0292
028000-5510	028000-6911	128000-3513	228000-0350
028000-5511	028000-6912	128000-3514	228000-0351
028000-5530	028000-6950	128000-4080	228000-0570
028000-5531	028000-6951	128000-4083	228000-0571
028000-5532	028000-7240	128000-4100	228000-0572
028000-5541	028000-7241	128000-4101	228000-0573
028000-5542	028000-7242	128000-4111	228000-0574
028000-5543	028000-7400	128000-4112	228000-0575
028000-5550	028000-7451	128000-5091	228000-0630
028000-5551	028000-7452	128000-5380	228000-0842
028000-5552	028000-7540	128000-5381	228000-1350
028000-5553	028000-7541	128000-5382	228000-1420
028000-5560	028000-7542	128000-6170	228000-1440
028000-5561	028000-7731	128000-6171	228000-1590
028000-5570	028000-7732	128000-6172	228000-1591
028000-5571	028000-7800	128000-6173	228000-1600
028000-5581	028000-7801	128000-6180	228000-1601
028000-5620	028000-7802	128000-6181	228000-1610
028000-5651	028000-7810	128000-6182	228000-1611
028000-5652	028000-7811	128000-6183	228000-1661
028000-5660	028000-8070	128000-6184	228000-1671
028000-5661	028000-8071	128000-6330	228000-1770
028000-5690	028000-8072	128000-6810	228000-1771
028000-5691	028000-8400	128000-6811	228000-1772
028000-5692	028000-8490	128000-6812	228000-1790
028000-5693	028000-8491	128000-6822	228000-1791
028000-5832	028000-8500	128000-6823	228000-1830
028000-5833	028000-8501	128000-6830	228000-2030
028000-5834	028000-8561	128000-6831	228000-2031
028000-5835	028000-8562	128000-6832	228000-2110
028000-5840	028000-8611	128000-6833	228000-2111
028000-5841	028000-8612	128000-6860	228000-2290
028000-5850	028000-8840	128000-6861	228000-2660
028000-5860	028000-8841	128000-6910	228000-3070
028000-5861	028000-8842	128000-6911	228000-3080
028000-5862	028000-9331	128000-6920	228000-3090
028000-5863	028000-9332	128000-6921	228000-3100
028000-5864	028000-9333	128000-7280	228000-3230
028000-5870	028099-3570	128000-7281	228000-3710
028000-5871	128000-0380	128000-7282	228000-3720
028000-5880	128000-0381	128000-7283	228000-3810
028000-5890	128000-0382	128000-7290	228000-4240
028000-5891	128000-0383	128000-7291	228000-4680
028000-6010	128000-0520	128000-7292	228000-4930
028000-6012	128000-0530	128000-7293	228000-4991
028000-6013	128000-0531	128000-7294	228000-5220
028000-6021	128000-0532	128000-7360	228000-5340
028000-6022	128000-0540	128000-7361	228000-5341
028000-6060	128000-0550	128000-7362	228000-5342
028000-6061	128000-0551	128000-7363	228000-5641
028000-6062	128000-0790	128000-7600	228000-5811
028000-6200	128000-0971	128000-7601	228000-5830
028000-6201	128000-0972	128000-7602	228000-5980
028000-6290	128000-0973	128000-7603	228000-5981
028000-6291	128000-1000	128000-7604	228000-5990
028000-6292	128000-1001	128000-7920	228000-6291
028000-6340	128000-1010	128000-7921	228000-6380
028000-6341	128000-1011	128000-7922	228000-6470
028000-6460	128000-1060	128000-7923	228000-6471
028000-6461	128000-1561	128000-7932	228000-7300
028000-6462	128000-1570	128000-7933	228000-7500
028000-6463	128000-1571	128000-8061	228000-7902
028000-6560	128000-1572	128000-8063	228000-9050
028000-6561	128000-1573	128000-8064	228000-9500
028000-6590	128000-1574	128000-8290	428000-0190
028000-6591	128000-1580	128000-8620	428000-0290
028000-6780	128000-1581	128000-8621	428000-1190
028000-6870	128000-1582	128000-9580	428000-1660
028000-6871	128000-1583	128000-9581	428000-1691
028000-6872	128000-1584	128000-9582	428000-1830
028000-6880	128000-1585	128000-9960	428000-1850
028000-6881	128000-1790	128000-9961	428000-1860
028000-6882	128000-2930	128000-9970	428000-2581
028000-6890	128000-2931	128000-9971	428000-2631
028000-6891	128000-2932	228000-0190	428000-3110
028000-6892	128000-2933	228000-0191	
	128000-3080	228000-0270	

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

BOBCA İŞ MAK.	CATERPILLAR BACKHOE LOADER
ISUZU	NPR 3.9D 1984 - 1996 JCB 434S/436E 6.7D 2007 ->
KOMATSU TOYOTA	FORKLIFT HIACE 2.4D 1990 - 2005 HILUX 2.4D 1987 - 2006 HILUX 2.5 D-4D 2006-2015

ND 1021

JASX 101-102
4,5x14x10,5
12 Volt
ARAÇ MODELİ / VEHICLE MODELS
MOTOR NO / UNIT NO

428000-0670
428000-0680
428000-0700
428000-1640
428000-1750

TOYOTA AVENSIS 1.6 VVT-I 2003 - 2009
AVENSIS 2.0/2.4L 2003 - 2009
COROLLA 1.6L 2004 - 2007
COROLLA 1.8L 2001 - 2007

3 KÖMÜRLÜ / WITH 3 BRUSHES
ND 1061

JASX 105-106
4,5/7.0x8,5x16
12 Volt
ARAÇ MODELİ / VEHICLE MODELS
UYGUN OEM NO / REPLACING OE-REF

028510-7620, 128099-6312

MOTOR NO / UNIT NO

228000-9901
228000-9902
428000-0700

TOYOTA CAMRY 2.4L 2002 - 2006
CAMRY 3.0L 2002 - 2006
HIGHLANDER 2.4L 2004 - 2007
SOLARA 2.4L 2002 - 2006
RAV4 III 2.4L 2005 ->
AVENSIS 2.0/2.4L 2003 - 2009
LEXUS RX 3.0L 2003 - 2008
RX 3.5L 2006 - 2012

4 KÖMÜRLÜ / WITH 4 BRUSHES
ND 1161

JASX 115-116
4.15/7.4 x 8.35 x 16
12 Volt
ARAÇ MODELİ / VEHICLE MODEL
UYGUN OEM NO / REPLACING OE-REF

0285107620, 1280996311, 1280996312

MOTOR NO / UNIT NO

2280009901 SHN8040BL
23300AA480 STN0670YN
23300AA48A STN0670ZD
4280000150 STN1363BL
4280000151 STN1363WA
4280000152 STN1363XY
4280002300 STN4419YN
4280003040 STN8363ZD
4280003090 STN9074ZD
4280005871 STN9363SU

TOYOTA Avensis 2.0 VVT-i M20 2001-//
RAV 4 III 2.0 VVT-i 4WD XA3
2006-// amry 3.0 V6 2001-//
LEXUS RX300 II 3.3 V6 2003-

4 KÖMÜRLÜ / WITH 4 BRUSHES
ND 2011

HYUNDAI ERA
5x10,6x12,5
12 Volt
ARAÇ MODELİ / VEHICLE MODEL
MOTOR NO / UNIT NO

36100-03100
36100-03200
36100-03150

HYUNDAI ACCENT 1.5L 1995 - 2000
i10 1.1L 2008 - 2013
i10 1.2L 2008 - 2013
i20 1.2L 2008 - 2012
i20 1.4L 2008 - 2015
ix20 1.4L 2010 -
i30 1.4L 2007 ->
i30 1.6L 2008 ->
KIA CARENS 1.6L 2009 -
CEED 1.6/1.4L 2006 ->
RIO 1.25L 2011 - 2017
SOUL 1.4/1.6L 2009 ->
SPRITAGE 1.6L 2011 ->

3 KÖMÜRLÜ / WITH 3 BRUSHES

ND 2012**HYUNDAI ACCENT****5x13x12****12 Volt****ARAÇ MODELİ / VEHICLE MODEL****MOTOR NO / UNIT NO**

1195925
36100-2A000
36100-2A100
36100-2A300
FS10E10
501401

HYUNDAI ACCENT BLUE 1.6 CRDI
2011 - 2017
ACCENT ERA 1.5 CRDI 2005 -
2011
I20 1.4 CRDI/1.6 CRDI 2008 ->
I30 1.6 CRDI 2007 - 2016
IX20 1.4 CRDI/1.6 CRDI 2010 ->
KIA SOUL 1.6 CRDI 2009 ->
CEED 1.6 CRDI 2006 ->
VENGA 1.6 CRDI 2009 ->

3 KÖMÜRLÜ / WITH 3 BRUSHES**ND 2013****HYUNDAI H1****4,5x20x14****12 Volt****ARAÇ MODELİ / VEHICLE MODEL****UYGUN OEM NO / REPLACING OE-REF**

36100 4A100,36100 4A150, 36100 4A200

MOTOR NO / UNIT NO

36180 2E200
36180 4A200

HYUNDAI H1 2.5CRDI 2008 ->
KIA K2500 2.5 CRDI 2010 ->

4 KÖMÜRLÜ / WITH 4 BRUSHES**ND 7781****JASX 77-78****8x25x15****12 Volt****ARAÇ MODELİ / VEHICLE MODEL****UYGUN OEM NO / REPLACING OE-REF**

028510-0640, 028510-0840, 028510-5500

MOTOR NO / UNIT NO

028000-7000	128000-0362	128000-8150
028000-7001	128000-0570	128000-8151
028000-7002	128000-0950	128000-8152
028000-7003	128000-0960	128000-8171
028000-7004	128000-1040	128000-8700
028000-7370	128000-1880	128000-9590
028000-7372	128000-2070	128000-9591
028000-7373	128000-2160	128000-9592
028000-7660	128000-2161	228000-0380
028000-7661	128000-3100	228000-0381
028000-7662	128000-3101	228000-0400
028000-7740	128000-3790	228000-0450
028000-7790	128000-4390	228000-0640
028000-7791	128000-4391	228000-0691
028000-7792	128000-4660	228000-0780
028000-8130	128000-4661	228000-1300
028000-8210	128000-4662	228000-1310
028000-8370	128000-6360	228000-1920
028000-8371	128000-6400	228000-2140
028000-8760	128000-7300	228000-2970
028000-8761	128000-7350	228000-4830
028000-8762	128000-7352	
028000-9030	128000-7353	
028000-9031	128000-7382	
028000-9032	128000-7383	
028000-9830	128000-8120	
128000-0040	128000-8140	
128000-0360	128000-8141	
128000-0361	128000-8142	

CATERPILLAR D17LIS D.MOTOR 1996-2006
ISUZU NKR 2.9D 1985 - 1996
KIA BESTA 2.2D 1997 - 2004
LPA3 1985 ->
LISTER
MAZDA B2500 2.5D 1996 - 2006
TOYOTA HILUX 2.4D 1988 - 2002

4 KÖMÜRLÜ / WITH 4 BRUSHES

VA 1290


PSX 129'a uygun. / Suitable for PSX 129

MOTOR NO / UNIT NO

D9E100	D9E51	D9E776
D9E131	D9E53	D9E79
D9E138	D9E54	D9E85
D9E140	D9E55	D9E851
D9E200	D9E62	D9E852
D9E238	D9E702	D9E9
D9E300	D9E74	D9E95
D9E40	D9E75	D9EP119
D9E43	D9E77	D9R237
D9E44	D9E771	
D9E45	D9E772	
D9E46	D9E773	
D9E49	D9E774	

 Alüminyum somun opsiyonel
 Aluminium nut optional

ARAÇ MODELİ / VEHICLE MODEL

RENAULT	R11 1.4/1.7L 1983 - 1991
	R12 1.3L
	R19 1.4L 1988 - 2001
	R21 1.7L 1986 - 1995
	R9 1.4L 1981 - 1991

VA 1291


PSX 129

10,6/6,1x10,3x15

12 Volt

ARAÇ MODELİ / VEHICLE MODEL

RENAULT	R11 1.4/1.7L 1983 - 1991
	R12 1.3L
	R19 1.4L 1988 - 2001
	R21 1.7L 1986 - 1995
	R9 1.4L 1981 - 1991

MOTOR NO / UNIT NO

D9E100	D9E46	D9E771	D9EP119
D9E131	D9E49	D9E772	D9R237
D9E138	D9E51	D9E773	
D9E140	D9E53	D9E774	
D9E200	D9E54	D9E776	
D9E238	D9E55	D9E79	
D9E300	D9E62	D9E85	
D9E40	D9E702	D9E851	
D9E43	D9E74	D9E852	
D9E44	D9E75	D9E9	
D9E45	D9E77	D9E95	

3 KÖMÜRLÜ / WITH 3 BRUSHES
VA 1330


PSX 133'e uygun. / Suitable for PSX 133

UYGUN OEM NO / REPLACING OE-REF

101589

MOTOR NO / UNIT NO

D9E101	D9E278	D9E64	D9E761
D9E108	D9E36	D9E66	D9E78
D9E123	D9E38	D9E68	D9E81
D9E132	D9E39	D9E69	D9E83
D9E136	D9E48	D9E70	D9E861
D9E137	D9E56	D9E701	D9E92
D9E237	D9E57	D9E76	D9E93
D9E276	D9E61		

 Alüminyum somun opsiyonel
 Aluminium nut optional

ARAÇ MODELİ / VEHICLE MODEL

RENAULT	R11 1.4/1.7L 1983 - 1991
	R12 1.3L
	R19 1.4L 1988 - 2001
	R21 1.7L 1986 - 1995
	R9 1.4L 1981 - 1991

VA 1331


PSX 133

13,9/6,9x12x15

12 Volt

ARAÇ MODELİ / VEHICLE MODEL

RENAULT	R11 1.4/1.7L 1983 - 1991
	R12 1.3L
	R19 1.4L 1988 - 2001
	R21 1.7L 1986 - 1995
	R9 1.4L 1981 - 1991

UYGUN OEM NO / REPLACING OE-REF

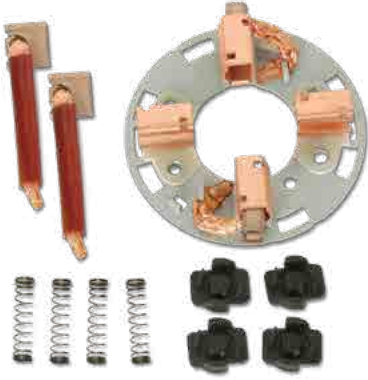
101589

MOTOR NO / UNIT NO

D9E101	D9E278	D9E64	D9E761
D9E108	D9E36	D9E66	D9E78
D9E123	D9E38	D9E68	D9E81
D9E132	D9E39	D9E69	D9E83
D9E136	D9E48	D9E70	D9E861
D9E137	D9E56	D9E701	D9E92
D9E237	D9E57	D9E76	D9E93
D9E276	D9E61		

2 KÖMÜRLÜ / WITH 2 BRUSHES

VA 1441



PSX 142-144

7x14x13,7

12 Volt

ARAÇ MODELİ / VEHICLE MODEL

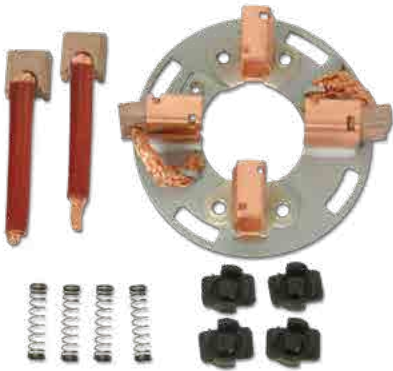
MOTOR NO / UNIT NO

D7RS131
D7RS31
D7RS30
D7RS130

AUDI	A2 1.4 TDI 1999 - 2005 A3 1.9 TDI 1996 - 2003
FORD	GALAXY 1.9 TDI 1995 - 2000
SEAT	ALHAMBRA 1.9 TDI 1996 - 2000 CORDOBA 1.4 TDI 2002 - 2004 CORDOBA 1.9 TDI 1996 - 2004 IBIZA 1.4 TDI 2002 - 2004 IBIZA 1.9 TDI 1996 - 2009 LEON 1.9 TDI 1999 - 2012 TOLEDO 1.9 TDI 1994 - 2003
SKODA	FABIA 1.4 TDI 2003 - 2005 FABIA 1.9 TDI 2000 - 2007
VW	BORA 1.9 TDI 1998 - 2006 CADDY 1.9 TDI 1996 - 2005 GOLF III 1.9 TD/SD/TDI 1993-2002 GOLF IV 1.9 TDI 1996 - 2006 JETTA 1.9 TDI 1996 - 2001 LUPO 1.4 TDI 1999 - 2005 NEW BEETLE 1.9 TDI 1998 - 2010 PASSAT 1.9 TD 1991 - 2000 POLO 1.4 TDI 1999 - 2004 POLO 1.9 TDI 1999 - 2006 TRANSPORTER 1.9 TD 1995-2003 TRANSPORTER 2.4 D 1990-2003 TRANSPORTER 2.5 TDI 1995-2003

4 KÖMÜRLÜ / WITH 4 BRUSHES

VA 1442



PSX 142-144

7x14x13,7

12 Volt

ARAÇ MODELİ / VEHICLE MODEL

UYGUN OEM NO / REPLACING OE-REF

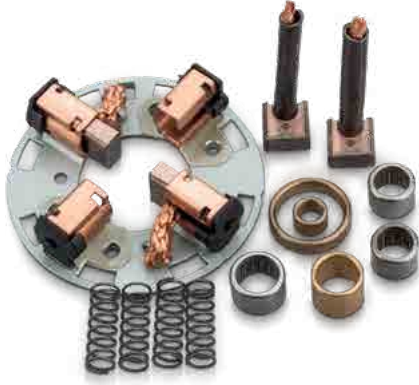
594780

MOTOR NO / UNIT NO

1250128	D7R281	D8R27
1250449	D7R3	D8R28
188839	D7R32	D8R29
438189	D7R33	TM000A34101
458237	D7R34	TM000A36101
D7G20	D7R35	TS18E33
D7G26	D7R4	TS22E26
D7R1	D7R40	TS22E5
D7R11	D7R42	TS22E5B
D7R12	D7R43	TS22E8
D7R127	D7R44	TS22E9
D7R13	D7R45	TS24E6
D7R15	D7R46	
D7R151	D7R47	
D7R16	D7R48	
D7R17	D7R49	
D7R18	D7R5	
D7R19	D7R53	
D7R2	D7R56	
D7R20	D7R61	
D7R22	D7R64	
D7R23	D7R7	
D7R24	D7R8	
D7R25	D7RP123	
D7R26	D7RP204	
D7R27	D7RP82	
D7R28	D8R1	

CITROEN	BERLINGO 1.6 HDI 2005 -> C2 1.6 HDI 2005 - 2009 C3 1.6 HDI 2005 - 2009 C4 1.6 HDI 2004 - 2010 DS3 1.6 HDI 2009 -> JUMPY 1.6 HDI 2007 - 2016 XSARA PIC. 1.6 HDI 2004 - 2010
HYUNDAI	H-1 2.5 CRDI 2002 - 2007 STAREX 2.5 CRDI 2002 - 2007
KIA	SORENTO 2.5 CRDI 2002 - 2009 CEED 2.0 CRDI 2007 - 2012 SPORTAGE 2.0 CRDI 2008 - 2014
M.BENZ	C320 3.0 CDI 2007 - 2014 CLK320 1997 - 2003 CLS350 3.0 CDI 2011 -> E280 2.8L 1997 - 2003 E280 3.0 CDI 2005 - 2009 E300 3.0 CDI 2010 - 2016 E320 3.0 CDI 2005 - 2009 E320 3.2L 1997 - 2003 E350 3.0 CDI 2009 - 2016 R SERİSİ 2006 -> S320 3.0 CDI 2005 - 2009 S320 3.2L 1998 - 2002 S350 3.0 CDI 2009 - 2013 S500 5.0L 1998 - 2005 S55 AMG 5.0L 2000 - 2005 SPRINTER 3.0 CDI 218/318/418/518 2006 -> SPRINTER 3.0 CDI 219/319/419/519 2009 -> VIANO 3.0 CDI 2006 -> VITO 3.0 CDI 120/122 2006 ->
OPEL	MOVANO 1.9 DTI 2000 - 2010
PEUGEOT	206 1.6 HDI 2004 - 2012 207 1.6 HDI 2006 - 2014 3008 1.6 HDI 2009 - 2016 307 1.6 HDI 2004 - 2007 407 1.6 HDI 2004 - 2010 BOXER 2.0/2.2 HDI 2002 - 2006 PARTNER 1.6 HDI 2008 ->
RENAULT	MASTER 1.9 dTI 2000 - 2010

4 KÖMÜRLÜ / WITH 4 BRUSHES

VA 1443

PSX 142-144
7x14x13,7
12 Volt
ARAÇ MODELİ / VEHICLE MODEL
MOTOR NO / UNIT NO

D7RS131
D7RS31
D7RS30
D7RS130

TAMİR TAKIMLI/WITH REPAIR KIT

AUDI	A2 1.4 TDI 1999 - 2005 A3 1.9 TDI 1996 - 2003
FORD	GALAXY 1.9 TDI 1995 - 2000
SEAT	ALHAMBRA 1.9 TDI 1996 - 2000 CORDOBA 1.4 TDI 2002 - 2004 CORDOBA 1.9 TDI 1996 - 2004 IBIZA 1.4 TDI 2002 - 2004 IBIZA 1.9 TDI 1996 - 2009 LEON 1.9 TDI 1999 - 2012 TOLEDO 1.9 TDI 1994 - 2003
SKODA	FABIA 1.4 TDI 2003 - 2005 FABIA 1.9 TDI 2000 - 2007 BORA 1.9 TDI 1998 - 2006 CADDY 1.9 TDI 1996 - 2005 GOLF III 1.9 TD/SD/TDI 1993-2002 GOLF IV 1.9 TDI 1996 - 2006 JETTA 1.9 TDI 1996 - 2001 LUPO 1.4 TDI 1999 - 2005 NEW BEETLE 1.9 TDI 1998 - 2010 PASSAT 1.9 TD 1991 - 2000 POLO 1.4 TDI 1999 - 2004 POLO 1.9 TDI 1999 - 2006 TRANSPORTER 1.9 TD 1995-2003 TRANSPORTER 2.4 D 1990-2003 TRANSPORTER 2.5 TDI 1995-2003
VW	

4 KÖMÜRLÜ / WITH 4 BRUSHES
VA 1444

PSX 142-144
7x14x13,7
12 Volt
ARAÇ MODELİ / VEHICLE MODEL
UYGUN OEM NO / REPLACING OE-REF

594780

MOTOR NO / UNIT NO

1250128	D7R24	D7R53
1250449	D7R25	D7R56
188839	D7R26	D7R61
438189	D7R27	D7R64
458237	D7R28	D7R7
D7G20	D7R281	D7R8
D7G26	D7R3	D7RP123
D7R1	D7R32	D7RP204
D7R11	D7R33	D7RP82
D7R12	D7R34	D8R1
D7R127	D7R35	D8R27
D7R13	D7R4	D8R28
D7R15	D7R40	D8R29
D7R151	D7R42	TM000A34101
D7R16	D7R43	TM000A36101
D7R17	D7R44	TS18E33
D7R18	D7R45	TS22E26
D7R19	D7R46	TS22E5
D7R2	D7R47	TS22E5B
D7R20	D7R48	TS22E8
D7R22	D7R49	TS22E9
D7R23	D7R5	TS24E6
		594780

TAMİR TAKIMLI/WITH REPAIR KIT

4 KÖMÜRLÜ / WITH 4 BRUSHES

CITROEN	BERLINGO 1.6 HDI 2005 -> C2 1.6 HDI 2005 - 2009 C3 1.6 HDI 2005 - 2009 C4 1.6 HDI 2004 - 2010 DS3 1.6 HDI 2009 -> JUMPY 1.6 HDI 2007 - 2016 XSARA PIC. 1.6 HDI 2004 - 2010
HYUNDAI	H-1 2.5 CRDI 2002 - 2007 STAREX 2.5 CRDI 2002 - 2007
KIA	SORENTO 2.5 CRDI 2002 - 2009 CEED 2.0 CRDI 2007 - 2012 SPORTAGE 2.0 CRDI 2008 - 2014
M.BENZ	C320 3.0 CDI 2007 - 2014 CLK320 1997 - 2003 CLS350 3.0 CDI 2011 -> E280 2.8L 1997 - 2003 E280 3.0 CDI 2005 - 2009 E300 3.0 CDI 2010 - 2016 E320 3.0 CDI 2005 - 2009 E320 3.2L 1997 - 2003 E350 3.0 CDI 2009 - 2016 R SERISI 2006 -> S320 3.0 CDI 2005 - 2009 S320 3.2L 1998 - 2002 S350 3.0 CDI 2009 - 2013 S500 5.0L 1998 - 2005 S55 AMG 5.0L 2000 - 2005 SPRINTER 3.0 CDI 218/318/418/518 2006 -> SPRINTER 3.0 CDI 219/319/419/519 2009 -> VIANO 3.0 CDI 2006 -> VITO 3.0 CDI 120/122 2006 ->
OPEL	MOVANO 1.9 DTI 2000 - 2010
PEUGEOT	206 1.6 HDI 2004 - 2012 207 1.6 HDI 2006 - 2014 3008 1.6 HDI 2009 - 2016 307 1.6 HDI 2004 - 2007 407 1.6 HDI 2004 - 2010 BOXER 2.0/2.2 HDI 2002 - 2006 PARTNER 1.6 HDI 2008 ->
RENAULT	MASTER 1.9 dTI 2000 - 2010

VA 1480



PSX 148'e uygun. / Suitable for PSX 148

UYGUN OEM NO / REPLACING OE-REF

594060, 594063, 594127, 594169, 594317, 594386

MOTOR NO / UNIT NO

D6RA100	D6RA29	D6RA571
D6RA101	D6RA30	D6RA572
D6RA104	D6RA32	D6RA59
D6RA107	D6RA33	D6RA6
D6RA110	D6RA34	D6RA60
D6RA12	D6RA37	D6RA61
D6RA13	D6RA38	D6RA62
D6RA132	D6RA39	D6RA63
D6RA133	D6RA40	D6RA66
D6RA141	D6RA41	D6RA661
D6RA15	D6RA42	D6RA67
D6RA16	D6RA43	D6RA68
D6RA161	D6RA44	D6RA7
D6RA162	D6RA45	D6RA70
D6RA167	D6RA46	D6RA72
D6RA168	D6RA48	D6RA721
D6RA17	D6RA49	D6RA73
D6RA18	D6RA5	D6RA74
D6RA19	D6RA50	D6RA75
D6RA20	D6RA51	D6RA76
D6RA21	D6RA511	D6RA78
D6RA22	D6RA52	D6RA79
D6RA23	D6RA53	D6RA8
D6RA25	D6RA54	D6RA80
D6RA26	D6RA55	D6RA81
D6RA27	D6RA56	D6RA83
D6RA28	D6RA57	D6RA92

ARAÇ MODELİ / VEHICLE MODEL

PSX 148'e Uygun./Suitable for PSX 148.

VA 1491



PSX 148-149

4,5/9x11x18

12 Volt

UYGUN OEM NO / REPLACING OE-REF

594060, 594063, 594127, 594169, 594317, 594386

MOTOR NO / UNIT NO

D6RA100	D6RA29	D6RA571
D6RA101	D6RA30	D6RA572
D6RA104	D6RA32	D6RA59
D6RA107	D6RA33	D6RA6
D6RA110	D6RA34	D6RA60
D6RA12	D6RA37	D6RA61
D6RA13	D6RA38	D6RA62
D6RA132	D6RA39	D6RA63
D6RA133	D6RA40	D6RA66
D6RA141	D6RA41	D6RA661
D6RA15	D6RA42	D6RA67
D6RA16	D6RA43	D6RA68
D6RA161	D6RA44	D6RA7
D6RA162	D6RA45	D6RA70
D6RA167	D6RA46	D6RA72
D6RA168	D6RA48	D6RA721
D6RA17	D6RA49	D6RA73
D6RA18	D6RA5	D6RA74
D6RA19	D6RA50	D6RA75
D6RA20	D6RA51	D6RA76
D6RA21	D6RA511	D6RA78
D6RA22	D6RA52	D6RA79
D6RA23	D6RA53	D6RA8
D6RA25	D6RA54	D6RA80
D6RA26	D6RA55	D6RA81
D6RA27	D6RA56	D6RA83
D6RA28	D6RA57	D6RA92

ARAÇ MODELİ / VEHICLE MODEL

CITROEN	BERLINGO 1.6 HDI 2005 ->	
	C1 1.4 HDI 2005 ->	
	C2 1.4 HDI 2003 - 2008	
	C2 1.4/1.6L 2003 - 2008	
	C3 1.4 HDI/1.4/1.6L 2003 - 2009	
	C4 1.6L/1.6HDI 2004 - 2010	
	C5 1.6 HDI 2004 - 2007	
	JUMPY 1.6 HDI 2007 - 2016	
	NEMO 1.4 HDI 2008 ->	
	SAXO 1.1/1.4/1.6L 1996 - 2003	
	XSARA 1.4L 1997 - 2005	
	XSARA 1.6L 1997 - 2008	
	ZX 1.1/1.4L 1991 - 1997	
	FIAT	SCUDO 1.6D 2007 - 2016
PEUGEOT		106 1.0/1.1/1.4/1.6L 1993 - 2005
		206 1.4/1.6L 1998 - 2011
		206 1.4 HDI 2001 - 2012
		206 1.6 HDI 2005 - 2012
		207 1.4HDI/1.6HDI/1.4L/1.6L 2006 - 2014
		306 1.4/1.6/1.8L 1993 - 2003
		307 1.6 HDI 2001 - 2008
		307 1.4L/1.4HDI 2000 - 2008
		308 1.6 HDI 2007 - 2013
	407 1.6 HDI 2004 - 2010	
RENAULT	BIPPER 1.4 HDI 2008 ->	
	PARTNER 1.6 HDI 2006 - 2016	
	CLIO 1.6L 1998 - 2005	
	KANGOO 1.9D 1998 - 2007	
	LAGUAN 1.8L 1994 - 2001	
	LAGUAN 1.9D 1997 - 1999	
	LAGUNA 2.0L 1993 - 2001	
	MEGANE 1.4L 1999 - 2003	
	MEGANE 1.6L 1996 - 2003	
	MEGANE 1.9D/2.0L 1996 - 2003	
R19 1.4L/1.9D 1988 - 2001		
R19 1.6L 1989 - 1996		
SCENIC 1.9D 1997 - 2003		
TRAFFIC 1.9D 1997 - 2001		

2 KÖMÜRLÜ / WITH 2 BRUSHES

VA 1551

PSX 155
6,4x8x11
12 Volt
ARAÇ MODELİ / VEHICLE MODEL
UYGUN OEM NO / REPLACING OE-REF

594290, 594351, 594381, 594479

MOTOR NO / UNIT NO

D7E1	D7E8
D7E15	D7ED28
D7E16	D7ED281
D7E18	D7EP12
D7E19	D7ES2
D7E2	D7ES4
D7E20	D7ES5
D7E22	TS10E1
D7E23	TS10E3
D7E25	TS10E4
D7E27	TS10E5
D7E29	TS8E1
D7E30	TS8E2
D7E31	TS8E4
D7E32	TS8E6
D7E38	
D7E39	
D7E4	
D7E40	
D7E41	
D7E42	
D7E47	
D7E5	
D7E52	
D7E6	
D7E7	

CITROEN	C1 1.0L 2005 - 2014 C2 1.4/1.6L 2003 - 2008 C3 1.4/1.6L 2003 - 2009 C4 1.6L 2004 - 2010 SAXO 1.1/1.4/1.6L 1996 - 2003 XSARA 1.4L 1997 - 2005 XSARA 1.6L 1997 - 2008 ZX 1.1/1.4L 1991 - 1997
DACIA	LOGAN 1.4/1.6L 2004 - 2012 DOKKER 1.6L 2012 -> DUSTER 1.6L 2010 -> LOGAN 1.4/1.6L 2004 -> SANDERO 1.4/1.6L 2009 ->
M.BENZ	A150 1.5L 2004 - 2012 A160 1.6L 1997 - 2004 B150 1.5L 2005 - 2011
NISSAN	ALMERA 1.5/1.8L 2000 - 2006 MICRA 1.2L 2003 - 2010 PRIMERA 1.6/1.8L 2002 - 2008
PEUGEOT	106 1.0/1.1/1.4/1.6L 1993 - 2005 107 1.0L 2005 - 2014 206 1.4/1.6L 1998 - 2011 207 1.4/1.6L 2006 - 2014 306 1.4/1.6/1.8L 1993 - 2003 307 1.4L 2000 - 2008
RENAULT	CLIO 1.2L 1998 - 2007 CLIO 1.4/1.6L 1998 - 2005 FLUENCE 1.6L 2010 -> LAGUNA 1.6L 1998 - 2015 MEGANE 1.4L 1996 - 2009 MEGANE 1.6L 2003 - 20016 SCENIC 1.6L 1998 - 2009 TWINGO 1.2L 1996 - 2004

4 KÖMÜRLÜ / WITH 4 BRUSHES
VA 1571

PSX 148-157
4,5/9x11x18
12 Volt
ARAÇ MODELİ / VEHICLE MODEL
UYGUN OEM NO / REPLACING OE-REF

594129, 594130, 594253

MOTOR NO / UNIT NO

D6RA7	D6RA27	D6RA43	D6RA56	D6RA661
D6RA13	D6RA28	D6RA44	D6RA59	D6RA721
D6RA15	D6RA29	D6RA46	D6RA60	
D6RA17	D6RA30	D6RA48	D6RA63	
D6RA19	D6RA32	D6RA49	D6RA66	
D6RA21	D6RA34	D6RA50	D6RA70	
D6RA22	D6RA39	D6RA52	D6RA72	
D6RA23	D6RA40	D6RA53	D6RA75	
D6RA25	D6RA41	D6RA54	D6RA141	
D6RA26	D6RA42	D6RA55	D6RA161	

BMW	R1100/R1150 MOTORSİKLET/ MOTRCYCLE
RENAULT	LAGUNA 2.0L 1995 - 2001 SAFRANE 2.0/2.2L 1992 - 1996
VOLVO	S40 1.5/1.6/1.8/1.9/2.0L 1995 - 2004

2 KÖMÜRLÜ / WITH 2 BRUSHES
VA 1572

PSX 148-157
4,5/9x11x18
12 Volt
ARAÇ MODELİ / VEHICLE MODEL
UYGUN OEM NO / REPLACING OE-REF

594129, 594130, 594253

MOTOR NO / UNIT NO

D6RA7	D6RA27	D6RA43	D6RA56	D6RA661
D6RA13	D6RA28	D6RA44	D6RA59	D6RA721
D6RA15	D6RA29	D6RA46	D6RA60	
D6RA17	D6RA30	D6RA48	D6RA63	
D6RA19	D6RA32	D6RA49	D6RA66	
D6RA21	D6RA34	D6RA50	D6RA70	
D6RA22	D6RA39	D6RA52	D6RA72	
D6RA23	D6RA40	D6RA53	D6RA75	
D6RA25	D6RA41	D6RA54	D6RA141	
D6RA26	D6RA42	D6RA55	D6RA161	

BMW	R1100/R1150 MOTORSİKLET/MOTRCYCLE
RENAULT	LAGUNA 2.0L 1995 - 2001 SAFRANE 2.0/2.2L 1992 - 1996
VOLVO	S40 1.5/1.6/1.8/1.9/2.0L 1995 - 2004

kablo boyu / cable length 110 mm

2 KÖMÜRLÜ / WITH 2 BRUSHES

VA 1581**PSX 148-158****4,5/9x11x18****12 Volt****ARAÇ MODELİ / VEHICLE MODEL****UYGUN OEM NO / REPLACING OE-REF**

594132, 594385

MOTOR NO / UNIT NO

D6RA33
D6RA37
D6RA47
D6RA51
D6RA57
D6RA101
D6RA133
D6RA571

CITROEN
VOLVO
RENAULT

MEGANE DIESEL

2 KÖMÜRLÜ / WITH 2 BRUSHES**VA 1591****PSX 148/159****4,5/9x11x18****12 Volt****ARAÇ MODELİ / VEHICLE MODEL****UYGUN OEM NO / REPLACING OE-REF**

594318, 594323, 594359, 594364

MOTOR NO / UNIT NO

D6RA67 D6RA167
D6RA78 D6RA180
D6RA79 D6RA181
D6RA80
D6RA81
D6RA91

OPEL
RENAULT

2 KÖMÜRLÜ / WITH 2 BRUSHES**VA 1641****PSX 160-164****7x13x11,5****12 Volt****ARAÇ MODELİ / VEHICLE MODELS****UYGUN OEM NO / REPLACING OE-REF**

190097

MOTOR NO / UNIT NO

190895
D7G11
D7G3
D7G4
D7GS9

BMW 320 2.0D 2001 - 2013
525/530 3.0D 2007 - 2010
X3 2.0D 2004 - 2010

CITROEN BERLINGO 1.6 HDI 2010 ->
C1 1.4 HDI 2005 - 2014
C2 1.4 HDI 2005 - 2009
C3 1.4 HDI 2002 - 2016
C3 1.6 HDI 2005 - 2016
C4 1.6 HDI 2004 ->
C5 1.6 HDI 2005 ->
DS3 1.6 HDI 2009 ->
DS4 1.6 HDI 2010 ->
NEMO 1.4 HDI 2008 ->

MINI COOPER 1.6D 2009 - 2014
ONE 1.6D 2008 - 2014

OPEL MOVANO 2.5D 2001 - 2010
VIVARO 2.5D 2003 - 2014

PEUGEOT 2008 1.4/1.6 HDI 2013 ->
206 1.4 HDI 2001 ->
207 1.6 HDI 2006 - 2014
208 1.4/1.6 HDI 2012 ->
3008 1.6 HDI 2009 - 2016
308 1.6 HDI 2008 ->
407 1.6 HDI 2004 - 2010
5008 1.6 HDI 2009 - 2016
BIPPER 1.4 HDI 2008 ->
PARTNER 1.6 HDI 2010 ->

RENAULT MASTER 2.2/2.5D 2000 - 2011
TRAFIC 2.5D 2001 - 2014

4 KÖMÜRLÜ / WITH 4 BRUSHES

VA 1642

PSX 163-164 7x13x11,5 12 Volt
UYGUN OEM NO / REPLACING OE-REF
 190987, 191335, 191824, 193288, 200393

MOTOR NO / UNIT NO
 D7GS10 TS18ER121
 D7GS8 TS18ER123
 TS18E1 TS18ER20
 TS18E3 TS18R123

ARAÇ MODELİ / VEHICLE MODELS
AUDI A3 1.6 TDI 2009 - 2012
 A3 2.0 TDI 2003 - 2012
 Q3 2.0 TDI 2013 ->
SEAT TT 1.8L 2005 - 2014
 ALTEA 1.6 TDI 2010 - 2015
 CORDOBA 1.4 TDI 2005 - 2009
 CORDOBA 1.9 TDI 2002 - 2009
 LEON 1.6 TDI 2010 - 2012
 LEON 2.0 TDI 2005 - 2012
SKODA TOLEDO 1.6 TDI 2011 ->
 FABIA 1.4 TDI 2004 - 2014
 FABIA 1.6 TDI 2010 - 2014
 OCTAVIA 1.6 TDI 2009 - 2013
 OCTAVIA 1.9/2.0 TDI 2004 - 2013
VW SUPERB 1.9 TDI 2008 - 2015
 BEETLE 1.6/2.0 TDI 2012 ->
 CADDY 1.9 TDI 2005 ->
 CADDY 1.6/2.0 TDI 2010 ->
 CC 2.0 TDI 2010 - 2017
 GOLF 1.6 TDI 2009 - 2013
 GOLF V 1.9/2.0 TDI 2003 - 2009
 GOLF VI 2.0 TDI 2009 - 2012
 JETTA 1.9/2.0 TDI 2005 - 2011
 PASSAT 1.9/2.0 TDI 2005 - 2015
 POLO 1.4/1.9 TDI 2003 - 2009
 POLO 1.6 TDI 2009 ->
 TRANSPORTER 1.9 TDI 2003-2016
 TRANSPORTER 2.0 TDI 2010-2016

VA 1671

PSX 166-167 3,9/6,4x10x15,5 12 Volt
UYGUN OEM NO / REPLACING OE-REF
 195253, 594651, 594706, 194404

MOTOR NO / UNIT NO
 D6G1
 D6G32
 D6G321

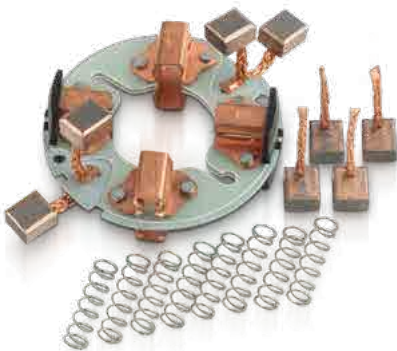
ARAÇ MODELİ / VEHICLE MODEL
FIAT 500 1.3 M.JET 2007 ->
 DOBLO 1.3 M.JET 2004 ->
 DOBLO 1.9 JTD 2003 ->
 EGEEA(TIPO) 1.3 M.JET 2015 ->
 FIORINO 1.3 M.JET 2007 ->
 IDEA 1.3 M.JET 2003 - 2012
 LINEA 1.3 M.JET 2007 - 2016
 PANDA 1.3 M.JET 2003 ->
 PUNTO 1.3 M.JET 2003 - 2012
 G.PUNTO 1.3 M.JET 2005 - 2012
OPEL COMBO 1.3 CDTI 2004 ->
 CORSA 1.3 CDTI 2006 ->

4 KÖMÜRLÜ / WITH 4 BRUSHES
VA 1672

PSX 166-167 3,9/6,4x10x15,5 12 Volt
UYGUN OEM NO / REPLACING OE-REF
 594674, 199411, 195713

MOTOR NO / UNIT NO
 D6GS12
 D6GS13
 D6GS14
 D6GS19
 D6GS36

ARAÇ MODELİ / VEHICLE MODEL
AUDI A3 1.6L 2003 - 2012
 A4/A6 2.0L 2004 - 2008
SEAT ALTEA 1.6L 2004 - 2016
 CORDOBA 1.4L 2006 - 2009
 CORDOBA 1.6L 2003 - 2009
 IBIZA 1.2L 2006 - 2008
 IBIZA 1.4L 2002 - 2009
 IBIZA 1.6L 2003 - 2008
 LEON 1.6L 2005 - 2012
SKODA TOLEDO 1.6L 2004 - 2009
 FABIA 1.2/1.4L 2002 - 2014
 FABIA 1.6L 2007 - 2014
 OCTAVIA 1.4L 2002 - 2013
 OCTAVIA 1.6L 2004 - 2013
 ROOMSTER 1.2/1.4/1.6L 2006-2015
VW GOLF V 1.4L 2003 - 2013
 GOLF 1.6L 2001 - 2007
 JETTA 1.6L 2005 - 2011
 POLO 1.2/1.4L 2001 - 2009
 POLO 1.6L 2006 - 2009

4 KÖMÜRLÜ / WITH 4 BRUSHES
VA 1711

PSX 175-176-171 7x11x12.5 12 Volt
MOTOR NO / UNIT NO
 ESW20E18
 ESW20E26
 ESW20ER121
 ESW20ER123
 ESW20ER25

ARAÇ MODELİ / VEHICLE MODEL
AUDI A3 2.0 TDI 2009 ->
 Q3 2.0 TDI 2011 ->
FORD B-MAX 1.5 TDCI 2015 ->
 TOUERNEO COURIER 2014 ->
NISSAN QUASHQAI 1.6 DCI 2015 ->
OPEL VIVARO 1.6 CDTI 2014 ->
RENAULT FLUENCE 1.6 DCI 2014 ->
 TALISMAN 1.6 DCI 2015 ->
 TRAFIC 1.6 DCI 2014 ->
SEAT ATECA 2.0 TDI 2016 ->
 2.0 TDI 2013 ->
SKODA KODIAQ 2.0 TDI 2017 ->
 OCTAVIA 2.0 TDI 2013 ->
 SUPERB 2.0 TDI 2015 ->
 YETI 2.0 TDI 2015 ->
VW CARAVELLE T6 2.0 TDI 2015 ->
 GOLF VII 2.0 TDI 2013 ->
 JETTA 2.0 TDI 2014 ->
 PASSAT 2.0 TDI 2014 ->
 TIGUAN 2.0 TDI 2016 ->
 TOURAN 2.0 TDI 2016 ->
 TRANSPORTER T6 2.0 TDI 2015 ->

8 KÖMÜRLÜ / WITH 8 BRUSHES

VA 1741**PSX 174****4,5x19,9x13,2****12 Volt****ARAÇ MODELİ / VEHICLE MODEL****UYGUN OEM NO / REPLACING OE-REF**

36180-03300

**HYUNDAI
KIA**İ20 / İ10 / RIO 2014 /
PICANTO 2011**MOTOR NO / UNIT NO**36100-03300
HYUNDAI, 4
38297
VALEO,
ESM1811
VALEO,
ESM18E8
VALEO**6 KÖMÜRLÜ / WITH 6 BRUSHES****HP 0010****HPIX 3****5,90x12,4x20,3****12 Volt****ARAÇ MODELİ / VEHICLE MODEL****UYGUN OEM NO / REPLACING OE-REF**

Elektrikli direksiyon pompaları için / For electric steering pumps

RENAULTCLIO 1.5 DCI 2001 ->
CLIO 1.9D 1998 ->
KANGOO 1.5 DCI 2001 ->
KANGOO 1.9D 1999 ->**MOTOR NO / UNIT NO**

7701470783

KABLOSUZ VE KONEKTÖRSÜZ / WITHOUT CABLE AND CONNECTOR**4 KÖMÜRLÜ / WITH 4 BRUSHES****HP 0011****HPIX 3****5,90x12,4x20,3****12 Volt****ARAÇ MODELİ / VEHICLE MODEL****UYGUN OEM NO / REPLACING OE-REF**

Elektrikli direksiyon pompaları için / For electric steering pumps

RENAULTCLIO 1.5 DCI 2001 ->
CLIO 1.9D 1998 ->
KANGOO 1.5 DCI 2001 ->
KANGOO 1.9D 1999 ->**MOTOR NO / UNIT NO**

7701470783

KOMPLE / COMPLETE**KABLOLU VE KONEKTÖRLÜ / WITH CABLE AND CONNECTOR****4 KÖMÜRLÜ / WITH 4 BRUSHES**



YÜKSEK BAKIRLI KÖMÜR YUVALARI

BRUSH HOLDERS WITH HIGH COPPER DENSITY

BO 1021 CU**BSX 102 CU** **9x16x25,5** **12 Volt****UYGUN OEM NO / REPLACING OE-REF**

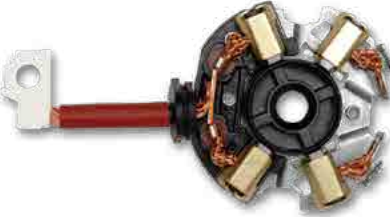
2 001 329 901, 2 004 336 010, 2 001 329 901

MOTOR NO / UNIT NO

0 001 362 001	0 001 363 001	0 001 362 022	0 001 362 032
0 001 362 007	9 000 143 406	0 001 362 029	9 000 143 404
0 001 362 015	0 001 362 005	9 000 143 402	2 004 336 021
0 001 362 023	0 001 362 013	9 000 143 409	0 001 362 003
0 001 362 030	0 001 362 021	2 004 336 010	0 001 362 011
9 000 143 403	0 001 362 028	0 001 362 002	0 001 362 017
0 001 362 004	9 000 143 400	0 001 362 008	0 001 362 025
0 001 362 012	9 000 143 407	0 001 362 016	0 001 362 033
0 001 362 019	0 001 362 006	0 001 362 024	9 000 143 405
0 001 362 027	0 001 362 014		

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

AUDI A6 2.5 TDI 1994 - 1997
D.FAHR TRAKTÖR/TRACKTOR
FENDT TRAKTÖR/TRACKTOR
FIAT 55.46/55.65/55.66 1984 - 1988
 60.46/60.65/60.66/60.90 1984-1988
IVECO 8040/8041/8061/8141
 D.MOTOR/D.ENGINE
M.BENZ 300 3.0D 1976 - 1985
M.FERGUSON MF 240/245/255 2.5D
 1977 - 1988
SAME EXPLORER 70/80/90 1986 ->
 LASER 110/130/150 1988 ->

BO 1582 CU**BSX 157-158 CU** **6x18x14,5** **12 Volt****UYGUN OEM NO / REPLACING OE-REF**1 004 336 233, 1 004 336 456, 1 004 336 463, 1 004 336 835,
1 004 336 908, 1 004 336 946, 1 004 336 948, 2 004 336 245**MOTOR NO / UNIT NO**

0 001 110 003	0 001 125 501
0 001 110 026	0 001 125 502
0 001 110 080	0 001 125 511
0 001 110 089	0 001 125 512
0 001 110 095	B 001 117 311
0 001 110 114	
0 001 110 132	
0 001 115 001	

saat yönü / clockwise

kablo boyu / cable length 125 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

MITSUBISHI CARISMA 1.9TD 1996 - 2000
RENAULT CLIO 1.6L 1998 - 2005
 KANGOO 1.9D 1997 - 2008
 MEGANE I 1.9D 1996 - 2003
 R19 1.8L/1.9D 1989 - 1996
 R21 1.7L/1.9D 1988 - 1996
 SCENIC 1.9 DTI 1999 - 2003
VW LT 28-35 2.5 TDI 1999 - 2006
 LT 40-55 2.5 TDI 1999 - 2006

BO 1584 CU**BSX 157-158 CU** **6x18x14,5** **12 Volt****UYGUN OEM NO / REPLACING OE-REF**1 004 336 139, 1 004 336 155, 1 004 336 156, 1 004 336 402,
1 004 336 446, 1 004 336 455, 1 004 336 459, 1 004 336 466,
1 004 336 620, 1 004 336 732, 1 004 336 800, 1 004 336 847,
1 004 336 906, 1 004 336 914, 1 004 336 926, 1 004 336 933,
1 004 336 947, 1 004 336 958, 1 004 336 983, 1 004 336 991**MOTOR NO / UNIT NO**

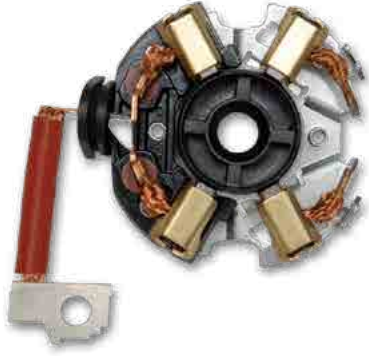
0 001 109 011	0 001 110 081	0 001 124 013
0 001 110 001	0 001 110 084	0 001 124 014
0 001 110 002	0 001 110 085	0 001 124 022
0 001 110 009	0 001 110 086	0 001 124 023
0 001 110 010	0 001 110 087	0 001 124 024
0 001 110 014	0 001 110 088	0 001 124 025
0 001 110 015	0 001 110 091	0 001 125 001
0 001 110 018	0 001 110 098	0 001 125 002
0 001 110 031	0 001 110 099	0 001 125 003
0 001 110 032	0 001 110 104	0 001 125 004
0 001 110 033	0 001 110 118	0 001 125 005
0 001 110 047	0 001 110 119	0 001 125 006
0 001 110 054	0 001 110 133	0 001 125 007
0 001 110 055	0 001 110 134	0 001 125 009
0 001 110 057	0 001 117 008	0 001 125 010
0 001 110 058	0 001 123 003	0 001 125 011
0 001 110 059	0 001 124 001	0 001 125 018
0 001 110 060	0 001 124 002	0 001 125 019
0 001 110 061	0 001 124 003	0 001 125 035
0 001 110 062	0 001 124 004	0 001 125 036
0 001 110 069	0 001 124 005	0 001 125 048
0 001 110 070	0 001 124 006	0 001 125 049
0 001 110 075	0 001 124 007	B 001 117 071
0 001 110 076	0 001 124 008	B 001 127 016
0 001 110 077	0 001 124 011	B 001 127 041
0 001 110 078	0 001 124 012	

saat yönü tersi / anticlockwise

kablo boyu / cable length 70mm

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

SEAT CORDOBA 1.9 SDI 1995 - 2002
 IBIZA 1.9 SDI 1995 - 2002
 LEON 1.9 TDI 1999 - 2002
 TOLEDO 1.9 TDI 1999 - 2006
SKODA OCTAVIA 1.9 TDI 1996 - 2001
VW TRANSPORTER 2.5 TDI 1990-2003
 TRANSPORTER 1.9 TD 1990-2003
 GOLF II 1.6 TD 1983 - 1991
 GOLF III 1.9 TDI 1994 - 1999
 GOLF III 1.6L 1993 - 1999
 GOLF IV 1.6 1998 - 2002
 GOLF IV 1.9 TDI 1997 - 2006
 BORA 1.9 TDI 1998 - 2005
 CADDY 1.9 SDI 1996 - 2005
 POLO 1.4 TDI 1999 - 2004
PORSCHE 911 3.4/3.6/3.8 CARRERA
 1993-2012

BO 1585 CU

BSX 157-158 CU 9x16x25,5 12 Volt
UYGUN OEM NO / REPLACING OE-REF

 1 004 336 404, 1 004 336 407, 1 004 336 413, 1 004 336 460,
 1 004 336 734, 1 004 336 764, 1 004 336 807, 1 004 336 819,
 1 004 336 845, 1 004 336 909, 1 004 336 925, 1 004 336 931,
 1 004 336 942, 1 004 336 949, 1 004 336 955, 1 004 336 976,
 1 004 336 981, 1 004 336 984, 1 004 336 994, 1 004 336 997,
 1 004 336 999, 2 004 336 233, 2 004 336 237, 2 004 336 238,
 2 004 336 244, 2 004 336 245

MOTOR NO / UNIT NO

0 001 109 009	0 001 110 041	0 001 110 101	0 001 124 021
0 001 109 015	0 001 110 042	0 001 110 102	0 001 125
0 001 109 021	0 001 110 043	0 001 110 103	501
0 001 109 022	0 001 110 044	0 001 110 104	0 001 125 502
0 001 109 034	0 001 110 045	0 001 110 105	0 001 125 503
0 001 109 041	0 001 110 046	0 001 110 106	0 001 125 504
0 001 109 042	0 001 110 047	0 001 110 107	0 001 125 507
0 001 109 046	0 001 110 048	0 001 110 108	0 001 125 508
0 001 109 052	0 001 110 049	0 001 110 109	0 001 125 511
0 001 109 055	0 001 110 050	0 001 110 110	0 001 125 512
0 001 109 061	0 001 110 051	0 001 110 111	0 001 125 513
0 001 109 062	0 001 110 052	0 001 110 112	0 001 125 514
0 001 109 068	0 001 110 053	0 001 110 113	0 001 125 517
0 001 109 252	0 001 110 054	0 001 110 114	0 001 125 518
0 001 109 256	0 001 110 055	0 001 110 115	B 001 117 012
0 001 110 004	0 001 110 056	0 001 110 120	B 001 117 013
0 001 110 005	9 000 331 417	0 001 110 121	B 001 117 050
0 001 110 007	0 001 110 063	0 001 110 122	B 001 117 070
0 001 110 008	0 001 110 064	0 001 110 123	B 001 117 148
0 001 110 011	0 001 110 065	0 001 110 124	B 001 117 149
0 001 110 012	0 001 110 066	0 001 110 125	B 001 126 016
0 001 110 013	0 001 110 067	0 001 110 126	F 010 AL0 101
0 001 110 016	0 001 110 068	0 001 110 127	
0 001 110 017	0 001 110 071	0 001 110 128	
0 001 110 019	0 001 110 072	0 001 110 129	
0 001 110 022	0 001 110 075	0 001 110 110	
0 001 110 023	0 001 110 079	0 001 110 137	
0 001 110 024	0 001 110 082	0 001 110 138	
0 001 110 025	0 001 110 083	0 001 110 139	
0 001 110 027	0 001 110 088	0 001 110 999	
0 001 110 028	0 001 110 090	0 001 111 001	
0 001 110 029	0 001 110 091	0 001 115 002	
0 001 110 030	0 001 110 092	0 001 115 007	
0 001 110 039	0 001 110 100	0 001 124 020	

 saat yönü / clockwise
 kablo boyu / cable length 86 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

AUDI	80 1.6TD 1980 - 1987 A8 3.7L/4.2L 1995 - 2002
CITROEN	BX 19 1.9D 1989 - 1994
BMW	535 3.5L 1988 - 1995 730 3.5L 1986 - 1994
M.BENZ	260E 2.4L/2.6L 1986 - 1992 E300 3.0L 1987 - 1995 E320 3.2L 1993 - 1998
OPEL	ASTRA G 2.0D 1998 - 2004 VECTRA B/C 2.0D 1996 - 2005
PEUGEOT	4007 2.2 HDI 2007 - 2012
SKODA	SUPERB 1.9 TDI 2001 - 2008
VOLVO	XC70 2.4D 2002 - 2014 XC90 2.4D 2002 - 2006
VW	PASSAT 1.6D 1982 - 1988 PASSAT 1.9 TDI 1996 - 2005 PASSAT 2.0 TDI 2003 - 2005

BO 1586 CU

BSX 157-158 CU 9x16x25,5 12 Volt
UYGUN OEM NO / REPLACING OE-REF

 1 004 336 233, 1 004 336 456, 1 004 336 463, 1 004 336 835,
 1 004 336 908, 1 004 336 946, 1 004 336 948, 2 004 336 245

MOTOR NO / UNIT NO

0 001 110 003	0 001 110 132
0 001 110 026	0 001 115 001
0 001 110 080	0 001 125 501
0 001 110 089	0 001 125 502
0 001 110 095	0 001 125 511
0 001 110 114	0 001 125 512 B 001 117 311

 saat yönü / clockwise
 kablo boyu / cable length 105 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

MITSUBISHI	CARISMA 1.9TD 1996 - 2000
RENAULT	CLIO 1.6L 1998 - 2005 KANGOO 1.9D 1997 - 2008 MEGANE I 1.9D 1996 - 2003 R19 1.8L/1.9D 1989 - 1996 R21 1.7L/1.9D 1988 - 1996 SCENIC 1.9 DTI 1999 - 2003
VW	LT 28-35 2.5 TDI 1999 - 2006 LT 40-55 2.5 TDI 1999 - 2006

BO 1601 CU**BSX 159-160 CU 5x16x11,5/13 12 Volt****UYGUN OEM NO / REPLACING OE-REF**

1 004 336 138, 1 004 336 411, 1 004 336 434, 1 004 336 740, 1 004 336 980, 2 004 336 217

MOTOR NO / UNIT NO

0 001 107 031	0 001 108 090	0 001 108 135	0 001 108 162
0 001 107 032	0 001 108 093	0 001 108 136	0 001 108 166
0 001 108 004	0 001 108 098	0 001 108 137	0 001 108 167
0 001 108 019	0 001 108 100	0 001 108 138	0 001 108 169
0 001 108 020	0 001 108 101	0 001 108 139	0 001 108 171
0 001 108 022	0 001 108 102	0 001 108 140	0 001 108 173
0 001 108 024	0 001 108 107	0 001 108 141	0 001 108 174
0 001 108 025	0 001 108 111	0 001 108 142	0 001 108 175
0 001 108 026	0 001 108 112	0 001 108 143	0 001 108 176
0 001 108 027	0 001 108 115	0 001 108 141	0 001 108 177
0 001 108 048	0 001 108 118	0 001 108 144	0 001 108 178
0 001 108 051	0 001 108 119	0 001 108 145	0 001 108 183
0 001 108 052	0 001 108 120	0 001 108 146	0 001 108 184
0 001 108 053	0 001 108 121	0 001 108 149	0 001 108 188
0 001 108 056	0 001 108 122	0 001 108 150	0 001 108 189
0 001 108 063	0 001 108 124	0 001 108 151	0 001 108 197
0 001 108 064	0 001 108 125	0 001 108 153	0 001 108 995
0 001 108 070	0 001 108 126	0 001 108 154	0 001 108 996
0 001 108 075	0 001 108 128	0 001 108 155	0 001 111 002
0 001 108 080	0 001 108 130	0 001 108 156	0 001 111 003
0 001 108 081	0 001 108 131	0 001 108 158	0 001 111 004
0 001 108 088	0 001 108 133	0 001 108 159	
0 001 108 089	0 001 108 134	0 001 108 160	

saat yönü / clockwise - kablo boyu / cable length 60 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

A.ROMEO	ALFA 155 2.0L 1992 - 1996
AUDI	100 1.9L 1982 - 1984 100 2.0L 1984 - 1990
BMW	316i 1.6L/1.8L 1988 - 1997 518i 1.8L 1989 - 1995 520i 2.0/2.5L 1990 - 1996
CITROEN	SAXO 1.5D 1996 - 2003
FORD	ESCORT 1.6L 1993 - 2001 MONDEO 1.8L 1993 - 2000 MONDEO 2.0L 1993 - 2000 SIERRA 2.0L 1987 - 1993
OPEL	ASTRA G 1.8L 1997 - 2005 ASTRA F 1.4L/1.6L 1991 - 1998 COMBO 1.4L 1994 - 2001 CORSA A/B 1.2L 1982 - 2000 CORSA B 1.4L 1993 - 2000 VECTRA B 1.8L 1998 - 2002 VECTRA B 1.6L 1995 - 2003 ZAFIRA A 1.8L 1999 - 2005
RENAULT	KANGOO 1.9D 1998 - 2008 MEGANE 1.4L 1999 - 2003 MEGANE 1.9DTI/1.9TD 1996--2003 MEGANE 2.0L 1996 - 2003 R19 1.4L 1988 - 2001 R19 1.9D 1988 - 2001 SCENIC 1.9DTI 1999 - 2003

BO 1602 CU**BSX 159-160 CU 5x16x11,5/13 12 Volt****UYGUN OEM NO / REPLACING OE-REF**

1 004 336 362, 1 004 336 426, 1 004 336 772, 1 004 336 811, 1 004 336 911, 1 004 336 923, 2 004 336 219

MOTOR NO / UNIT NO

0 001 108 021	0 001 108 097
0 001 108 050	0 001 108 099
0 001 108 059	0 001 108 121
0 001 108 060	0 001 108 127
0 001 108 076	0 001 108 147
0 001 108 077	0 001 108 168
0 001 108 094	0 001 108 190
0 001 108 095	B 001 111 273
0 001 108 096	

saat yönü tersi / anticlockwise
kablo boyu / cable length 60 mm**4 KÖMÜRLÜ / WITH 4 BRUSHES****ARAÇ MODELİ / VEHICLE MODEL**

LADA	SAMARA 1.5L 1988 - 2007 VEGA 1.5L 1996 - 2000
LOMBARDINI	15LD500 MOTOR 1985 ->
VW	PASSAT 1.8L 1988 - 1997

BO 1603 CU



BSX 159-160 CU 5x16x11,5/13 12 Volt

UYGUN OEM NO / REPLACING OE-REF

1 004 336 138, 1 004 336 411, 1 004 336 434, 1 004 336 740,
1 004 336 980, 2 004 336 217

MOTOR NO / UNIT NO

0 001 107 031	0 001 108 101	0 001 108 143	0 001 108 184
0 001 107 032	0 001 108 102	0 001 108 141	0 001 108 188
0 001 108 004	0 001 108 107	0 001 108 144	0 001 108 189
0 001 108 019	0 001 108 111	0 001 108 145	0 001 108 197
0 001 108 020	0 001 108 112	0 001 108 146	0 001 108 995
0 001 108 022	0 001 108 115	0 001 108 149	0 001 108 996
0 001 108 024	0 001 108 118	0 001 108 150	0 001 111 002
0 001 108 025	0 001 108 119	0 001 108 151	0 001 111 003
0 001 108 026	0 001 108 120	0 001 108 153	0 001 111 004
0 001 108 027	0 001 108 121	0 001 108 154	
0 001 108 048	0 001 108 122	0 001 108 155	
0 001 108 051	0 001 108 124	0 001 108 156	
0 001 108 052	0 001 108 125	0 001 108 158	
0 001 108 053	0 001 108 126	0 001 108 159	
0 001 108 056	0 001 108 128	0 001 108 160	
0 001 108 063	0 001 108 130	0 001 108 162	
0 001 108 064	0 001 108 131	0 001 108 166	
0 001 108 070	0 001 108 133	0 001 108 167	
0 001 108 075	0 001 108 134	0 001 108 169	
0 001 108 080	0 001 108 135	0 001 108 171	
0 001 108 081	0 001 108 136	0 001 108 173	
0 001 108 088	0 001 108 137	0 001 108 174	
0 001 108 089	0 001 108 138	0 001 108 175	
0 001 108 090	0 001 108 139	0 001 108 176	
0 001 108 093	0 001 108 140	0 001 108 177	
0 001 108 098	0 001 108 141	0 001 108 178	
0 001 108 100	0 001 108 142	0 001 108 183	

saat yönü / clockwise - kablo boyu / cable length 60 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

A.ROMEO ALFA 155 2.0L 1992 - 1996
AUDI 100 1.9L 1982 - 1984
100 2.0L 1984 - 1990
BMW 316i 1.6L/1.8L 1988 - 1997
518i 1.8L 1989 - 1995
520i 2.0/2.5L 1990 - 1996
CITROEN SAXO 1.5D 1996 - 2003
FORD ESCORT 1.6L 1993 - 2001
MONDEO 1.8L 1993 - 2000
MONDEO 2.0L 1993 - 2000
SIERRA 2.0L 1987 - 1993
OPEL ASTRA G 1.8L 1997 - 2005
ASTRA F 1.4L/1.6L 1991 - 1998
COMBO 1.4L 1994 - 2001
CORSA A/B 1.2L 1982 - 2000
CORSA B 1.4L 1993 - 2000
VECTRA B 1.8L 1998 - 2002
VECTRA B 1.6L 1995 - 2003
ZAFIRA A 1.8L 1999 - 2005
RENAULT KANGOO 1.9D 1998 - 2008
MEGANE 1.4L 1999 - 2003
MEGANE 1.9DTI/1.9TD 1996-2003
MEGANE 2.0L 1996 - 2003
R19 1.4L 1988 - 2001
R19 1.9D 1988 - 2001
SCENIC 1.9DTI 1999 - 2003

BO 1621 CU



BSX 161-162 CU 5x12x11,6 12 Volt

UYGUN OEM NO / REPLACING OE-REF

1 004 336 433, 1 004 336 753, 1 004 336 915, 1 004 336 916,
1 004 336 938, 1 004 336 952, 1 004 336 953, 1 004 336 963,
1 004 336 967, F 000 AL1 055, F 000 AL1 326, F 000 AL1 483

MOTOR NO / UNIT NO

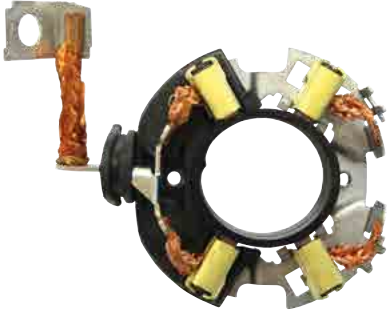
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0 001 112 005	0 001 112 032	0 001 114 008
0 001 112 006	0 001 112 033	0 001 114 014
0 001 112 007	0 001 112 037	0 001 114 015
0 001 112 008	0 001 112 044	0 001 114 016
0 001 112 009	0 001 112 045	0 001 114 017
0 001 112 012	0 001 113 001	0 001 114 021
0 001 112 013	0 001 113 002	6 004 AA0 003
0 001 112 014	0 001 113 003	9 000 081 003
0 001 112 015	0 001 113 004	B 001 181 007
0 001 112 016	0 001 113 005	B 001 181 013
0 001 112 020	0 001 113 007	F 000 ALO 301
0 001 112 021	0 001 113 008	F 000 ALO 302
0 001 112 022	0 001 113 009	
0 001 112 023	0 001 113 013	
0 001 112 024	0 001 113 014	
0 001 112 025	0 001 114 003	
0 001 112 027	0 001 114 004	
0 001 112 028	0 001 114 005	

saat yönü / clockwise
kablo boyu / cable length 105 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

A.ROMEO 145 - 1.6L/1.7L 1994 - 1996
CITROEN BERLINGO 1.4L 1996 - 2002
C2 1.4L/1.6L 2003 - 2009
C3 1.4L 2002 - 2009
SAXO 1.1L/1.4L 2000 - 2003
XSARA 1.4L 1997 - 2005
XSARA PICASSO 1.6L 2000 - 2010
ZX 1.4L 1991 - 1997
FORD ESCORT 1.3L 1986 - 2001
ESCORT 1.4L 1990 - 2001
ESCORT 1.6L 1990 - 1994
FIESTA 1.3L 1989 - 2002
OPEL ASTRA G 1.8L 1997 - 2005
PEUGEOT 106 1.1L/1.4L/1.6L 1991 - 2003
205 1.0L/1.1L/1.4L 1987 - 1998
206 1.4L/1.6L 1998 - 2011
207 1.4L/1.6L 2006 - 2012
306 1.4L/1.6L 2000 - 2003

BO 1622 CU**BSX 161-162 CU 5x12x11,6 12 Volt****UYGUN OEM NO / REPLACING OE-REF**

1 004 336 433, 1 004 336 753, 1 004 336 915, 1 004 336 916,
1 004 336 938, 1 004 336 952, 1 004 336 953, 1 004 336 963,
1 004 336 967, F 000 AL1 055, F 000 AL1 326, F 000 AL1 483

MOTOR NO / UNIT NO

0 001 106 001 0 001 114 006
0 001 106 002 0 001 208 416
0 001 107 007 0 001 208 417
0 001 107 008 0 001 208 418
0 001 112 003 0 001 208 419
0 001 112 004 0 001 211 257
0 001 114 005 0 001 211 258

saat yönü tersi / anticlockwise
kablo boyu / cable length 105 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

SEAT CORDOBA 1.6L 1999 - 2002
TOLEDO 1.6L 1991 - 1998
VW POLO 1.4L 1995 - 2001
GOLF II 1.6L /1.8L 1983 - 1992
JETTA 1.6L/1.8L 1984 - 1991
PASSAT PASSAT 1.8L/2.0L 1990 - 1991

BO 1761 CU**BSX 175-176 CU 5x12x11,6 12 Volt****UYGUN OEM NO / REPLACING OE-REF**

1 004 336 239, 1 004 336 415, 1 004 336 421, 1 004 336 428,
1 004 336 432, 1 004 336 462, 1 004 336 744, 1 004 336 801,
1 004 336 809, 1 004 336 813, 1 004 336 814, 1 004 336 820,
1 004 336 827, 1 004 336 842, 1 004 336 957, 1 004 336 964,
1 004 336 970, 1 004 336 975, 1 004 336 989, 1 007 336 957

MOTOR NO / UNIT NO

0 001 106 011 0 001 107 034 0 001 107 066 0 001 107 093
0 001 106 014 0 001 107 037 0 001 107 067 0 001 107 094
0 001 106 015 0 001 107 038 0 001 107 068 0 001 107 095
0 001 106 016 0 001 107 040 0 001 107 069 0 001 107 097
0 001 107 009 0 001 107 041 0 001 107 073 0 001 107 103
0 001 107 012 0 001 107 043 0 001 107 074 0 001 107 104
0 001 107 014 0 001 107 044 0 001 107 075 0 001 121 001
0 001 107 015 0 001 107 045 0 001 107 076 0 001 121 002
0 001 107 016 0 001 107 046 0 001 107 078 6 004 AA0 003
0 001 107 017 0 001 107 047 0 001 107 079 6 004 AA0 018
0 001 107 018 0 001 107 048 0 001 107 080 9 000 081 004
0 001 107 019 0 001 107 049 0 001 107 082 9 000 081 006
0 001 107 024 0 001 107 054 0 001 107 083 9 000 081 007
0 001 107 025 0 001 107 055 0 001 107 085 9 000 694 022
0 001 107 026 0 001 107 058 0 001 107 087 9 000 694 035
0 001 107 027 0 001 107 059 0 001 107 088 9 000 694 044
0 001 107 028 0 001 107 060 0 001 107 089 9 007 045 009
0 001 107 029 0 001 107 061 0 001 107 090 9 007 045 018
0 001 107 030 0 001 107 062 0 001 107 091 9 007 045 020
0 001 107 033 0 001 107 063 0 001 107 092 B 001 110 240

saat yönü / clockwise
kablo boyu / cable length 70 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

AUDI A4 1.6L/1.8L 1994 - 2004
A6 1.8L 1998 - 2002
A6 2.0L 1994 - 1997, 2000 - 2004
M.BENZ 200 2.0L KOMP. 2000 - 2003
C180 1.8L/2.0L 1993 - 2001
C200 2.0L 1994 - 2001
C230 2.3L 1995 - 2001
CLK 200 2.0L/2.0L KOMP. 1996-2001
E200 2.0L/2.0L KOMP. 1993-2003
SLK200 2.0L/2.3L KOMP. 1996-2000
NISSAN MICRA 1.3L 1992 - 2000
OPEL ASTRA F 1.6L 1995 - 1998
VECTRA A 1.8L 1988 - 1995
VECTRA B 1.6L/2.0L 1995 - 2002
RENAULT CLIO 1.2L 1990 - 1998
CLIO 1.4L 1990 - 2007
CLIO 1.6L 1998 - 2005
KANGOO 1.4L 1998 - 2008
LAGUNA 1.8L/2.0L 1994 - 2001
MEGANE 1.4L/1.6L/2.0L 1995 - 2003
R19 1.4L 1988 - 1995
R21 1.7L 1986 - 1994
SAAB 93 2.0T 1999 - 2003
95 2.0L 2001 - 2010
SMART FORTWO 0.8 CDI 2004 - 2014
TOYOTA COROLLA 1.6L 1987 - 1992
COROLLA 1.6L 1995 - 1999
VW LUPO 1.4L 1999 - 2005
POLO 1.4/1.6L 1996 - 2001
PASSAT 1.6L/1.8L 1996 - 2003

BO 1762 CU

BSX 175-176 CU 5x12x11,6 12 Volt
UYGUN OEM NO / REPLACING OE-REF

 1 004 336 417, 1 004 336 746, 1 004 336 810, 1 004 336 821,
 1 004 336 831, 1 004 336 937, 1 004 336 951, 1 004 336 975,
 2 004 336 215

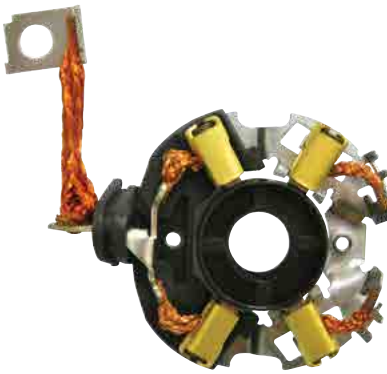
MOTOR NO / UNIT NO

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0 001 107 003	0 001 107 026	0 001 121 018
0 001 107 004	0 001 107 034	0 001 121 019
0 001 107 005	0 001 107 039	0 001 121 022
0 001 107 006	0 001 107 044	0 001 121 023
0 001 107 007	0 001 107 045	0 001 121 024
0 001 107 008	0 001 107 052	0 001 121 025
0 001 107 009	0 001 107 053	0 001 121 026
0 001 107 011	0 001 107 064	0 001 121 027
0 001 107 012	0 001 107 080	0 001 121 028
0 001 107 013	0 001 121 006	0 001 121 029
0 001 107 015	0 001 121 007	6 004 AA0 003
0 001 107 020	0 001 121 008	9 000 081 001
0 001 107 021	0 001 121 009	9 000 694 029
0 001 107 022	0 001 121 010	9 007 045 016
0 001 107 023	0 001 121 011	B 001 110 116

 saat yönü tersi / anticlockwise
 kablo boyu / cable length 50 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

AUDI	A2 1.4L 1999 - 2002 A3 1.6L 1996 - 1998 TT 1.8T 1998 - 2006
ROVER	25 1.4L/1.6L 1999 - 2005 45 1.4L/1.6L 2000 - 2005 200 1.8L 1999 - 2000 218 1.8L 1995 - 2000 214 1.4L 1989 - 2000 216 1.6L 1995 - 2000 414 1.4L 1990 - 1996 416 1.6L 1995 - 2000
SEAT	CORDOBA 1.6L/1.8L 1993 - 2002 CORDOBA 1.6L 2002 - 2009 IBIZA 1.4L 2002 - 2009 IBIZA 1.6L 1994 - 1999 TOLEDO 1.6L 1991 - 1999
SKODA	FABIA 1.4L 1999 - 2002 OCTAVIA 1.6L 1996 - 2000 OCTAVIA 1.9 TDI 2001 - 2006
VW	GOLF III 1.6L 1994 - 1999 GOLF III 1.8L 1991 - 1998 GOLF IV 2.0L 1998 - 2003 POLO 1.6L 1995 - 2001 POLO 1.2L 2001 - 2004 POLO 1.4L 2001 - 2009

BO 1763 CU

BSX 175-176 CU 5x12x10, 9/11,6 12 Volt
UYGUN OEM NO / REPLACING OE-REF

 1 004 336 239, 1 004 336 415, 1 004 336 421, 1 004 336 428,
 1 004 336 432, 1 004 336 462, 1 004 336 744, 1 004 336 801,
 1 004 336 809, 1 004 336 813, 1 004 336 814, 1 004 336 820,
 1 004 336 827, 1 004 336 842, 1 004 336 957, 1 004 336 964,
 1 004 336 970, 1 004 336 975, 1 004 336 989, 1 007 336 957

MOTOR NO / UNIT NO

0 001 106 011	0 001 107 034	0 001 107 066	0 001 107 093
0 001 106 014	0 001 107 037	0 001 107 067	0 001 107 094
0 001 106 015	0 001 107 038	0 001 107 068	0 001 107 095
0 001 106 016	0 001 107 040	0 001 107 069	0 001 107 097
0 001 107 009	0 001 107 041	0 001 107 073	0 001 107 103
0 001 107 012	0 001 107 043	0 001 107 074	0 001 107 104
0 001 107 014	0 001 107 044	0 001 107 075	0 001 121 001
0 001 107 015	0 001 107 045	0 001 107 076	0 001 121 002
0 001 107 016	0 001 107 046	0 001 107 078	6 004 AA0 003
0 001 107 017	0 001 107 047	0 001 107 079	6 004 AA0 018
0 001 107 018	0 001 107 048	0 001 107 080	9 000 081 004
0 001 107 019	0 001 107 049	0 001 107 082	9 000 081 006
0 001 107 024	0 001 107 054	0 001 107 083	9 000 081 007
0 001 107 025	0 001 107 055	0 001 107 085	9 000 694 022
0 001 107 026	0 001 107 058	0 001 107 087	9 000 694 035
0 001 107 027	0 001 107 059	0 001 107 088	9 000 694 044
0 001 107 028	0 001 107 060	0 001 107 089	9 007 045 009
0 001 107 029	0 001 107 061	0 001 107 090	9 007 045 018
0 001 107 030	0 001 107 062	0 001 107 091	9 007 045 020
0 001 107 033	0 001 107 063	0 001 107 092	B 001 110 240

 saat yönü ve saat yönü tersi / clockwise
 and anticlockwise kablo boyu / cable length 70 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

FORD	FOCUS 2.0L 1998 - 2005 MONDEO 1.6/1.8L/2.0L 1996-2000 KA 1.3L 1996 - 2002
SEAT	CORDOBA 1.6L 1997 - 2002 IBIZA 1.4L 1993 - 1999 IBIZA 1.6L 1933 - 2003

FI 1221 CU**JSX 21-22 CU 6x13x17,5 12 Volt****UYGUN OEM NO / REPLACING OE-REF**

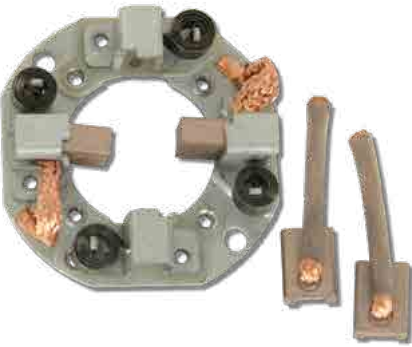
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MOTOR NO / UNIT NO

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63221303	63221403	63221531	63221800
63221304	63221404	63221532	63221830
63221305	63221407	63221533	63221832
63221308	63221408	63221534	63221834
63221330	63221430	63221535	63221890
63221332	63221431	63221538	63221892
63221333	63221437	63221539	63291401
63221334	63221500	63221630	63291403
63221335	63221501	63221632	63291405
	63221502	63221633	

3 KÖMÜRLÜ / WITH 3 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

TOFAŞ DOĞAN/KARTAL/ŞAHİN E.M.
RENAULT 11 1.1/1.2/1.4/1.7L 1983 - 1991
 19 1.4L 1988 - 2001
 R21 1.7L 1989 - 1995
 R9 1.4L 1981 - 1991

FI 5361 CU**JSX 35-36 CU 7x13x17.5 12 Volt****UYGUN OEM NO / REPLACING OE-REF**

83221241, 83224461, 83225359, 83226216

MOTOR NO / UNIT NO

50246532	63103022	63223032	63293103
50246648	63103031	63223033	
63101000	63192000	63223034	
63102000	63222831	63223035	
63102003	63222832	63223085	
63102004	63222833	63223101	
63102007	63222836	63223103	
63102008	63222837	63223104	
63103002	63222838	63223106	
63103003	63222900	63223108	
63103007	63222901	63223182	
63103008	63222904	63230001	
63103015	63223031	63230003	

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

FIAT 500 1.2/1.4L 2007 ->
 ALBEA 1.4L 2007 - 2012
 BRAVA/BRAVO 1.6L 1995 - 2001
 BRAVA/BRAVO 1.4L 1995 - 2001
 BRAVA/BRAVO 1.2L 1998 - 2002
 BRAVO 1.4L 2007 - 2013
 G.PUNTO 1.2/1.4L 2005 ->
 IDEA 1.2/1.4L 2004 - 2012
 LINEA 1.4L 2007 - 2016
 MAREA 1.2L 1998 - 2002
 MAREA 1.4L 1996 - 2002
 MAREA 1.6L 1996 - 2002
 PALIO 1.4L 1996 - 1999
 PALIO 1.6L 1996 - 2001
 PANDA 1.1/1.2/1.4L 2004 - 2012
 PUNTO 1.1L 1993 - 1999
 PUNTO 1.2L 1994 - 2010
 SIENA 1.2L 1998 - 2007
 SIENA 1.4L 1996 - 2007
 SIENA 1.6L 1998 - 2007
 STILO 1.2/1.4L 2001 - 2010
 TEMPRA 1.6L 1994 - 1996
 TIPO 1.6L 1988 - 1990
NISSAN PRIMERA 1.6L 1996 - 2001

FI 5371 CU**YENİ / NEW****JSX 35-37 CU 7x13x17,5 12 Volt****UYGUN OEM NO / REPLACING OE-REF**

83221241, 83224461, 83225359, 83226216

MOTOR NO / UNIT NO

50246532	63103022	63223032	63293103
50246648	63103031	63223033	83221241
63101000	63192000	63223034	83224461
63102000	63222831	63223035	83225359
63102003	63222832	63223085	83226216
63102004	63222833	63223101	
63102007	63222836	63223103	
63102008	63222837	63223104	
63103002	63222838	63223106	
63103003	63222900	63223108	
63103007	63222901	63223182	
63103008	63222904	63230001	
63103015	63223031	63230003	

3 KÖMÜRLÜ / WITH 3 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

FIAT 500 1.2/1.4L 2007 ->
 ALBEA 1.4L 2007 - 2012 BRAVA/BRAVO
 1.6L 1995 - 2001 BRAVA/BRAVO 1.4L
 1995 - 2001 BRAVA/BRAVO 1.2L 1998 -
 2002 BRAVO 1.4L 2007 - 2013 G.PUNTO
 1.2/1.4L 2005 -> IDEA 1.2/1.4L 2004
 - 2012 LINEA 1.4L 2007 - 2016 MAREA
 1.2L 1998 - 2002 MAREA 1.4L 1996 -
 2002 MAREA 1.6L 1996 - 2002 PALIO
 1.4L 1996 - 1999
 PALIO 1.6L 1996 - 2001 PANDA
 1.1/1.2/1.4L 2004 - 2012 PUNTO 1.1L
 1993 - 1999 PUNTO 1.2L 1994 - 2010
 SIENA 1.2L 1998 - 2007 SIENA 1.4L 1996
 - 2007 SIENA 1.6L 1998 - 2007 STILO
 1.2/1.4L 2001 - 2010 TEMPRA 1.6L 1994 -
 1996 TIPO 1.6L 1988 - 1990
NISSAN PRIMERA 1.6L 1996 - 2001

LU 5161 CU



LASX 15-16 CU 7,9x19,05x22,2 12 Volt

UYGUN OEM NO / REPLACING OE-REF

TAB102, SSP005, 54266043, 54266043010

MOTOR NO / UNIT NO

26132	26169	26238A/L	26281A/F	26346A/D	27419
26132H/R	26169E/K	26238M/Q	26281F/J	26346E	27420
26133	26170	26244	26283A/F	26346E/K	27421
26133K/R	26170E/M	26248A/L	26283H/K	26347	27422
26143	26172	26248M	26285A/E	26348	27423
26143J/Q	26173	26251	26285F	26362	27424
26145	26173B/F	26255	26286A/E	26364	27425
26145H/N	26177	26256	26286F/J	26370	27425A
26146	26178	26256A/E	26287A/E	26371	27425B
26146H/N	26185	26256H	26287F/J	26372	27426
26147	26186	26259	26288A/E	26373	27427
26147J/M	26187	26259A/K	26288F	26375	27428
26148	26189	26259L/N	26295F	26381A/D	27432
26148H/N	26190	26260	26300A/E	26381E/F	27433
26149	26192	26260F/J	26300A/J	26383	27435
26149H/M	26193	26263	26300F/J	26385	27436
26150	26196	26264A/F	26301A/E	26390	27437
26150H/M	26197	26264H/K	26301A/F	26391	27438
26151	26198	26266	26301H	26394	27439
26151H/N	26199	26267	26302A/D	26396	27440
26152	26200	26268	26302E/H	26400	27443
26152H/M	26201	26268J/L	26306A/D	26412	27446
26153	26206	26269A/F	26306E/H	26413	27447
26153J/N	26208	26269H/L	26310A/D	26422	27448
26154	26209	26270	26310E/F	27403	27449
26154J/N	26212	26271	26320A/B	27405	27452
26157	26213	26271F/J	26320D/J	27406	27457
26157H/M	26215	26275A/E	26321	27407	27458
26158	26215H	26275F/K	26321A/B	27409	27459
26158E/K	26219	26278A/F	26321D/F	27410	27463
26159	26220	26278H	26324	27411	27465
26159E/J	26231	26279A/E	26325	27412	27468
26163	26232	26279F/K	263	27413	27469
26166	26233	26280A/E	26	27414	27470
26166E/L	26233K/M	26280F/J	26327	27415	27474
26167	26236A/K	26281	26333	27416	27475
26167E/L	26236L	26281A/E	26335	27417	27476
				27418	

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

CASE	TRAKTOR
M.FERGUSON	MF 240 / 245 / 255 / 265 / 275 / 285 / 565 / 575
N.HOLAND	5640 / 6640 / 77407840 / 8240 / 8340 1991-1998
BMC / ROVER / DEFENDER / LAND ROVER	

MA 3241 CU



MASX 23-24 CU 10x25x23 12 Volt

UYGUN OEM NO / REPLACING OE-REF

72164701, 72362701

MOTOR NO / UNIT NO

632 168 02,	632 168 31,
632 168 08,	632 168 33,
632 168 11,	632 168 51,
632 168 14,	632 168 59,
632 168 15,	632 168 73,
632 168 16,	632 168 74,
632 168 17,	632 168 76,
632 168 18,	632 168 84,
632 168 25,	632 168 96,
632 168 26,	632 168 98,
632 168 27,	

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

DODGE	
DESOTO/FAGO/ FIAT	AS900
	65.46/65.66/65.9 0
	1985 - 1987
	70.65/70.66/70.90
	1984 - 1988
	80.65/80.66/80.90/85.55
	1984-1988
IVECO	8041/8051/8061 MARINE MOTOR

MA 3241 CU



MASX 23-24 CU **10x25x23** **12 Volt**

UYGUN OEM NO / REPLACING OE-REF
72164701, 72362701

MOTOR NO / UNIT NO

632 168 02,	632 168 31,
632 168 08,	632 168 33,
632 168 11,	632 168 51,
632 168 14,	632 168 59,
632 168 15,	632 168 73,
632 168 16,	632 168 74,
632 168 17,	632 168 76,
632 168 18,	632 168 84,
632 168 25,	632 168 96,
632 168 26,	632 168 98
632 168 27,	

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

DODGE
DESOTO/FAGO/ AS900
FIAT 65.46/65.66/65.9 0
1985 - 1987
70.65/70.66/70.90
1984 - 1988
80.65/80.66/80.90/85.55
1984-1988
IVECO 8041/8051/8061 MARINE
MOTOR

MA 5261 CU



MASX 25-26 CU **9x16x23** **12 Volt**

UYGUN OEM NO / REPLACING OE-REF
72164101

MOTOR NO / UNIT NO

632 171 04	632 171 25	632 171 88
632 171 05	632 171 26	632 171 97
632 171 06	632 171 38	632 174 01
632 171 07	632 171 47	632 174 02
632 171 08	632 171 48	632 174 03
632 171 10	632 171 54	632 174 04
632 171 12	632 171 56	632 174 07
632 171 16	632 171 58	632 174 08
632 171 17	632 171 63	632 174 10
632 171 18	632 171 73	632 174 25
632 171 19	632 171 80	632 174 33
632 171 20	632 171 82	632 174 47
632 171 21	632 171 86	

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

FIAT 55.46/55.65/55.66/55.90
TRAKTÖR 1984 - 1988
IVECO 8040 1987 - 1999
8041 1990 - 2000
8061 1986 - 2000
8141 1991 - 2001
DAILY 49.10 2.4D 1985 - 1989
RENAULT MASTER 28-35 2.4/2.5D 1980-1989
TRAFFIC 2.5D 1980 - 2001

MI 1701 CU



JASX 70 **6,8x11,8x17,2** **12 Volt**

UYGUN OEM NO / REPLACING OE-REF

M649T20471, M649X20471, ME701467

MOTOR NO / UNIT NO

1810A050	M2T85271	M8T70175	MD344183
1810A053	M2T85371	M8T70371	MD348221
M001T75283	M2T85671	M8T70471	ME201650
M002T84071	M2T85672	M8T70471A	ME201650A
M002T84171	M2T85771	M8T70472	ME202970
M002T84271	M2T85871	M8T71371	ME204424
M002T84571	M2T87071	M8T71371ZE	ME204424A
M002T84771	M2T87071ZT	M8T71471	ME204425
M002T87071	M2T87072ZT	M8T71471ZE	ME204425B
M002T87171	M2T87171	M8T71571	
M002T87271	M2T87171ZT	M8T75071	
M002T87371	M2T87271	M8T75071A	
M002T87471	M2T87271ZT	M8T75073	
M002T87671	M2T87371	M8T75073A	
M002T87971	M2T87471	M8T75074	
M002T88071	M2T87671	M8T75171	
M008T70171	M2T87971	M8T75271	
M008T75071	M2T88071	M8T75371	
M008T75071A	M2T88171	M8T75671	
M1T75283	M2T88271	M8T75871	
M2T84071	M2T88372	M8T75971	
M2T84071ZT	M2T88471	M8T76071	
M2T84171	M2T88473	M8T76072	
M2T84171ZT	M2T88671	M8T76072ZE	
M2T84271	M2T88971	MD312857	
M2T84371	M2TS0471	MD312858	
M2T84471	M2TS0571	MD314167	
M2T84571	M2TS0575	MD315547	
M2T84671	M2TS0671	MD315548	
M2T84771	M8T70071	MD331137	
M2T85071	M8T70171	MD344182	

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

JEEP	CHEROKEE 4.0L 1987 - 1997 G.CHEROKEE 4.0L 1993 - 2004
HYUNDAI	H100 2.5D 1993 - 2000 STAREX 2.5 TD 2000 - 2007 H1 2.5 CRDI 2007 ->
KIA	BONGO K2500 2002 ->
MAZDA	B2500 2.5D 1996 - 2006 BT50 2.5D 2006 - 2011 E2200 2.2D 1997 - 2002
MITSUBISHI	CANTER 2.8D 1998 - 2000 CANTER 3.0 TD 2000 - 2002 CANTER FE711 3.0D 2006-2013 L200 2.5D 1996 -> L300 2.5D 1986 - 2006 LANCER 1.8D 1986 - 1992 PAJERO 2.8 TD 1995 - 2000 PAJERO 3.2 DI-D 2000 ->
NISSAN	NAVARA 2.5 DCI 2010 - 2015 SKYSTAR 2.5 DCI 2001 - 2007 X-TRAIL 2.0/2.2 DCI 2003-2013
OPEL	MOVANO 2.5D 1998 - 2001
RENAULT	MASTER 2.5 D 1997 - 2003 MASTER 2.8 TD 1997 - 2003
SUZUKI	G.VITARA 2.5 HDI 2000 - 2005

MI 8991 CU


JASX 98-99 CU
6,8x18x18
12 Volt
UYGUN OEM NO / REPLACING OE-REF

M649T05072, M649T05072

MOTOR NO / UNIT NO

M002T54271	M002T64371	M2T56471	M2T67873
M002T54371	M002T64871	M2T56472	M2T67881
M002T54372	M002T65271	M2T56475	M2T67882
M002T54471	M002T65272	M2T56871	M2T67883
M002T54571	M002T65275	M2T56971	M2T67981
M002T54572	M002T65671	M2T57271	M2T69081
M002T54771	M002T66871	M2T57273	M2T69171
M002T54871	M002T66872	M2T57371	M2T69381
M002T54881	M002T66873	M2T57671	M2T74171
M002T54882	M002T67871	M2T57671A	M2T74371
M002T55871	M002T67872	M2T57672	M2T90071
M002T56171	M002T67873	M2T57673B	M2T92071A
M002T56181	M002T67881	M2T57673C	M2T92172A
M002T56182	M002T67882	M2T57771	M2T92271A
M002T56185	M002T67883	M2T57773	M2V57673
M002T56272	M002T67884	M2T57871	M3T64172
M002T56471	M002T67981	M2T57881	M8T87171
M002T56472	M002T69081	M2T60172	MD050205
M002T56475	M002T69171	M2T60185	MD061154
M002T56871	M002T69381	M2T60271	MD069166
M002T57271	M002T74171	M2T60671	MD070934
M002T57273	M002T80582	M2T61071	MD140190
M002T57371	M002T90071	M2T61072	MD156986
M002T57671	M002T92071A	M2T61171	MD156987
M002T57671A	M002T92172A	M2T61271	MD156989
M002T57672	M002V57673	M2T61371	MD162975
M002T57673C	M2T54271	M2T61471	MD164975
M002T57771	M2T54272	M2T61771	MD164976
M002T57773	M2T54371	M2T62271	MD164977
M002T57871	M2T54372	M2T62771	MD164978
M002T57881	M2T54471	M2T62871	MD177596
M002T61071	M2T54571	M2T62971	MD191433
M002T61072	M2T54572	M2T63071	MD191434
M002T61171	M2T54671	M2T63171	MD191435
M002T61271	M2T54771	M2T63271	MD191436
M002T61771	M2T54871	M2T63371	MD191437
M002T62271	M2T54881	M2T64271	ME001565
M002T62771	M2T54882	M2T64371	ME007655
M002T62871	M2T55571	M2T64372	ME017035
M002T62971	M2T55871	M2T64871	ME017036
M002T63071	M2T56171	M2T65275	ME017056
M002T63171	M2T56181	M2T65671	ME017061
M002T63271	M2T56182	M2T66871	ME017085
M002T64271	M2T56185	M2T66872	ME017089
	M2T56271	M2T67871	ME017646
	M2T56272	M2T67872	ME200206

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

HYSTER	FORKLIFT 1985 ->
HYUNDAI	STAREX 2.5 D 1997 - 2005
	H100 2.5D 1993 - 2002
KIA	BONGO K2500 2.5 TCI 2003 ->
	PREGIO 2.5 TCI 2002 - 2005
DAEWOO	PAJERO 2.5 TD 1990 - 2000
DAEWOO	L200 2.5 TD 1992 - 1996
DAEWOO	L300 2.5D 1986 - 2000

VA 1331 CU

PSX 133 CU **13,9/6,9x12x15** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF
101589

MOTOR NO / UNIT NO

D9E101	D9E38	D9E70
D9E108	D9E39	D9E701
D9E123	D9E48	D9E76
D9E132	D9E56	D9E761
D9E136	D9E57	D9E78
D9E137	D9E61	D9E81
D9E237	D9E64	D9E83
D9E276	D9E66	D9E861
D9E278	D9E68	D9E92
D9E36	D9E69	D9E93

2 KÖMÜRLÜ / WITH 2 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
RENAULT R11 1.4/1.7L 1983 - 1991
R12 1.3L
R19 1.4L 1988 - 2001
R21 1.7L 1986 - 1995
R9 1.4L 1981 - 1991

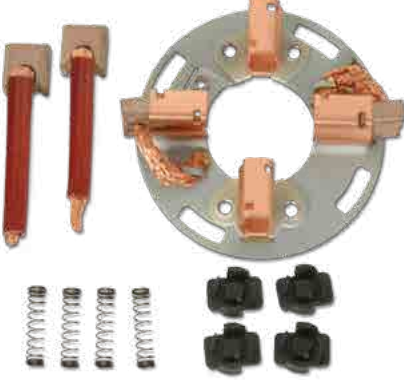
VA 1441 CU

PSX 142-144 CU **7x14x13,7** **12 Volt**
MOTOR NO / UNIT NO

D7RS131
D7RS31
D7RS30
D7RS130

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
AUDI A2 1.4 TDI 1999 - 2005
A3 1.9 TDI 1996 - 2003
FORD GALAXY 1.9 TDI 1995 - 2000
SEAT ALHAMBRA 1.9 TDI 1996 - 2000
CORDOBA 1.4 TDI 2002 - 2004
CORDOBA 1.9 TDI 1996 - 2004
IBIZA 1.4 TDI 2002 - 2004
IBIZA 1.9 TDI 1996 - 2009
LEON 1.9 TDI 1999 - 2012
TOLEDO 1.9 TDI 1994 - 2003
SKODA FABIA 1.4 TDI 2003 - 2005
FABIA 1.9 TDI 2000 - 2007
VW BORA 1.9 TDI 1998 - 2006
CADDY 1.9 TDI 1996 - 2005
GOLF III 1.9 TD/SD/TDI 1993-2002
GOLF IV 1.9 TDI 1996 - 2006
JETTA 1.9 TDI 1996 - 2001
LUPO 1.4 TDI 1999 - 2005
NEW BEETLE 1.9 TDI 1998 - 2010
PASSAT 1.9 TD 1991 - 2000
POLO 1.4 TDI 1999 - 2004
POLO 1.9 TDI 1999 - 2006
TRANSPORTER 1.9 TD 1995-2003
TRANSPORTER 2.4 D 1990-2003
TRANSPORTER 2.5 TDI 1995-2003

VA 1442 CU



PSX 142-144 CU **7x14x13,7** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF
 594780

MOTOR NO / UNIT NO

1250128	D7R24	D7R53
1250449	D7R25	D7R56
188839	D7R26	D7R61
438189	D7R27	D7R64
458237	D7R28	D7R7
D7G20	D7R281	D7R8
D7G26	D7R3	D7RP123
D7R1	D7R32	D7RP204
D7R11	D7R33	D7RP82
D7R12	D7R34	D8R1
D7R127	D7R35	D8R27
D7R13	D7R4	D8R28
D7R15	D7R40	D8R29
D7R151	D7R42	TM000A34101
D7R16	D7R43	TM000A36101
D7R17	D7R44	TS18E33
D7R18	D7R45	TS22E26
D7R19	D7R46	TS22E5
D7R2	D7R47	TS22E5B
D7R20	D7R48	TS22E8
D7R22	D7R49	TS22E9
D7R23	D7R5	TS24E6

ARAÇ MODELİ / VEHICLE MODEL

CITROEN	BERLINGO 1.6 HDI 2005 -> C2 1.6 HDI 2005 - 2009 C3 1.6 HDI 2005 - 2009 C4 1.6 HDI 2004 - 2010 DS3 1.6 HDI 2009 -> JUMPY 1.6 HDI 2007 - 2016 XSARA PIC. 1.6 HDI 2004 - 2010
HYUNDAI	H-1 2.5 CRDI 2002 - 2007 STAREX 2.5 CRDI 2002 - 2007
KIA	SORENTO 2.5 CRDI 2002 - 2009 CEED 2.0 CRDI 2007 - 2012 SPORTAGE 2.0 CRDI 2008 - 2014
M.BENZ	C320 3.0 CDI 2007 - 2014 CLK320 1997 - 2003 CLS350 3.0 CDI 2011 -> E280 2.8L 1997 - 2003 E280 3.0 CDI 2005 - 2009 E300 3.0 CDI 2010 - 2016 E320 3.0 CDI 2005 - 2009 E320 3.2L 1997 - 2003 E350 3.0 CDI 2009 - 2016 R SERİSİ 2006 -> S320 3.0 CDI 2005 - 2009 S320 3.2L 1998 - 2002 S350 3.0 CDI 2009 - 2013 S500 5.0L 1998 - 2005 S55 AMG 5.0L 2000 - 2005 SPRINTER 3.0 CDI 218 / 318 / 418 / 518 2006 -> SPRINTER 3.0 CDI 219 / 319 / 419 / 519 2009 -> VIANO 3.0 CDI 2006 -> VITO 3.0 CDI 120/122 2006 ->
OPEL	MOVANO 1.9 DTI 2000 - 2010
PEUGEOT	206 1.6 HDI 2004 - 2012 207 1.6 HDI 2006 - 2014 3008 1.6 HDI 2009 - 2016 307 1.6 HDI 2004 - 2007 407 1.6 hdi 2004 - 2010 BOXER 2.0/2.2 HDI 2002 - 2006 PARTNER 1.6 HDI 2008 ->
RENAULT	MASTER 1.9 dTI 2000 - 2010

4 KÖMÜRLÜ / WITH 4 BRUSHES

VA 1443 CU**PSX 142-144 CU****7x14x13,7****12 Volt****MOTOR NO / UNIT NO**

D7RS131
D7RS31
D7RS30
D7RS130

TAMİR TAKIMLI/WITH REPAIR KIT**4 KÖMÜRLÜ / WITH 4 BRUSHES****ARAÇ MODELİ / VEHICLE MODEL**

AUDI	A2 1.4 TDI 1999 - 2005 A3 1.9 TDI 1996 - 2003
FORD	GALAXY 1.9 TDI 1995 - 2000
SEAT	ALHAMBRA 1.9 TDI 1996 - 2000 CORDOBA 1.4 TDI 2002 - 2004 CORDOBA 1.9 TDI 1996 - 2004 IBIZA 1.4 TDI 2002 - 2004 IBIZA 1.9 TDI 1996 - 2009 LEON 1.9 TDI 1999 - 2012 TOLEDO 1.9 TDI 1994 - 2003
SKODA	FABIA 1.4 TDI 2003 - 2005 FABIA 1.9 TDI 2000 - 2007 BORA 1.9 TDI 1998 - 2006
VW	CADDY 1.9 TDI 1996 - 2005 GOLF III 1.9 TD/SD/TDI 1993 - 2002 GOLF IV 1.9 TDI 1996 - 2006 JETTA 1.9 TDI 1996 - 2001 LUPU 1.4 TDI 1999 - 2005 NEW BEETLE 1.9 TDI 1998 - 2010 PASSAT 1.9 TD 1991 - 2000 POLO 1.4 TDI 1999 - 2004 POLO 1.9 TDI 1999 - 2006 TRANSPORTER 1.9 TD 1995 - 2003 TRANSPORTER 2.4 D 1990 - 2003 TRANSPORTER 2.5 TDI 1995 - 2003

VA 1444 CU



PSX 142-144 CU **7x14x13,7** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF
 594780

MOTOR NO / UNIT NO

1250128	D7R24	D7R53
1250449	D7R25	D7R56
188839	D7R26	D7R61
438189	D7R27	D7R64
458237	D7R28	D7R7
D7G20	D7R281	D7R8
D7G26	D7R3	D7RP123
D7R1	D7R32	D7RP204
D7R11	D7R33	D7RP82
D7R12	D7R34	D8R1
D7R127	D7R35	D8R27
D7R13	D7R4	D8R28
D7R15	D7R40	D8R29
D7R151	D7R42	TM000A34101
D7R16	D7R43	TM000A36101
D7R17	D7R44	TS18E33
D7R18	D7R45	TS22E26
D7R19	D7R46	TS22E5
D7R2	D7R47	TS22E5B
D7R20	D7R48	TS22E8
D7R22	D7R49	TS22E9
D7R23	D7R5	TS24E6

TAMİR TAKIMLI/WITH REPAIR KIT

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

CITROEN	BERLINGO 1.6 HDI 2005 -> C2 1.6 HDI 2005 - 2009 C3 1.6 HDI 2005 - 2009 C4 1.6 HDI 2004 - 2010 DS3 1.6 HDI 2009 -> JUMPY 1.6 HDI 2007 - 2016 XSARA PIC. 1.6 HDI 2004 - 2010
HYUNDAI	H-1 2.5 CRDI 2002 - 2007 TAREX 2.5 CRDI 2002 - 2007
KIA	SORENTO 2.5 CRDI 2002 - 2009 CEED 2.0 CRDI 2007 - 2012 SPORTAGE 2.0 CRDI 2008 - 2014
M.BENZ	C320 3.0 CDI 2007 - 2014 CLK320 1997 - 2003 CLS350 3.0 CDI 2011 -> E280 2.8L 1997 - 2003 E280 3.0 CDI 2005 - 2009 E300 3.0 CDI 2010 - 2016 E320 3.0 CDI 2005 - 2009 E320 3.2L 1997 - 2003 E350 3.0 CDI 2009 - 2016 R SERİSİ 2006 -> S320 3.0 CDI 2005 - 2009 S320 3.2L 1998 - 2002 S350 3.0 CDI 2009 - 2013 S500 5.0L 1998 - 2005 S55 AMG 5.0L 2000 - 2005 SPRINTER 3.0 CDI 218 / 318 / 418 / 518 2006 -> SPRINTER 3.0 CDI 219 / 319 / 419 / 519 2009 -> VIANO 3.0 CDI 2006 -> VITO 3.0 CDI 120/122 2006 ->
OPEL	MOVANO 1.9 DTI 2000 - 2010
PEUGEOT	206 1.6 HDI 2004 - 2012 207 1.6 HDI 2006 - 2014 3008 1.6 HDI 2009 - 2016 307 1.6 HDI 2004 - 2007 407 1.6 hdi 2004 - 2010 BOXER 2.0/2.2 HDI 2002 - 2006 PARTNER 1.6 HDI 2008 ->
RENAULT	MASTER 1.9 dTI 2000 - 2010

ALTERNATÖR KÖMÜR YUVALARI

BRUSH HOLDERS FOR ALTERNATORS



DR 1411


RX 140-141 **4,5 x 8 x 22** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF
 10475746

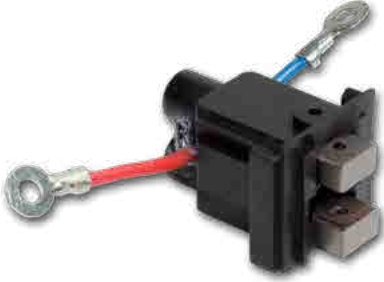
MOTOR NO / UNIT NO

10463651	10480189
10463940	10480190
10479991	10480198
10480017	10480214
10480071	10480215
10480072	10480237
10480119	10480254
10480167	10480308
10480168	10480353
10480187	10480361

2 KÖMÜRLÜ / WITH 2 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

CADILLAC	ESCALADE 5.8L 1998 - 2000
CHEVROLET	CAMARO 5.8L 1998 - 2002
RENAULT	CLIO 1.2L 1998 - 2000
	TWINGO 1.2L 1996 - 1998
TOYOTA	AVENSIS 2.0L 1997 - 2003

FO 0681


FX-68 **4,5 x 8,2 x 17,3** **12 Volt**

MOTOR NO / UNIT NO

1120211	1464782	2S6T10300AC	2T1U10300CC
1120213	1464784	2S6T10300FA	2T1U10300CD
1124015	1464785	2S6T10300FB	2T1U10300CE
1131820	1464788	2S6T10300FC	2T1U10300CF
1140135	1465173	2T1U10300AB	3S6T10300AA
1140694	1477856	2T1U10300AC	3S6T10300AB
1140696	1477859	2T1U10300AD	3S6T10300AC
1145715	1477971	2T1U10300AE	3S6T10300AD
1151212	1477972	2T1U10300AF	4362258
1151213	1478119	2T1U10300AG	4371000
1211891	1478187	2T1U10300AH	4371001
1229421	1478608	2T1U10300AK	4374447
1303447	1479818	2T1U10300AL	4374448
1429688	1545138	2T1U10300BB	4394204
1429689	1S7T10300BA	2T1U10300BC	4531025
1464755	1S7T10300BB	2T1U10300BD	4531026
1464756	2S6T10300AA	2T1U10300CA	YC1U10300EA
1464779	2S6T10300AB	2T1U10300CB	

2 KÖMÜRLÜ / WITH 2 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

FORD	CONNECT 1.8 TDCI 2001 - 2013
	FIESTA 1.3L 2001 - 2008
	FIESTA 1.4L/1.4 TDCI 2001 - 2008
	FUSION 1.4 TDCI 2002 - 2012
	KA 1.3L 2002 - 2008
	MONDEO 1.8/2.0L 2000 - 2007
	MONDEO 2.0 TDCI 2000 - 2007
	MONDEO 2.2 TDCI 2004 - 2007
	TRANSIT 2.4D 2000 - 2013

ND 0351


JAAX 35 **5x7x15** **12 Volt**

UYGUN OEM NO / REPLACING OE-REF

021620-3020

MOTOR NO / UNIT NO

104210-3191	104210-4350	104210-5330
104210-3290	104210-4360	104210-5630
104210-3291	104210-4410	104210-6181
104210-3292	104210-4420	121000-2520
104210-3293	104210-4430	4210000060
104210-3320	104210-4470	421000-0061
104210-3650	104210-4471	421000-0062
104210-3651	104210-4571	421000-0222
104210-3652	104210-4573	421000-0223
104210-3770	104210-4700	421000-0225
104210-3780	104210-4730	421000-0370
104210-3880	104210-4731	421000-0371
104210-3890	104210-4732	421000-0470
104210-4140	104210-4790	421000-0492
104210-4220	104210-4990	421000-0493
104210-4230	104210-5070	

2 KÖMÜRLÜ / WITH 2 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

HONDA	ACCORD 2.0L 2003 - 2007
FIAT	FREEMONT 2.0 JTD 2011 ->
FORD	C-MAX 1.6 TDCI/2.0 TDCI 2007 - 2010
	C-MAX 1.6L 2007 - 2010
	FIESTA 1.6 TDCI 2004 - 2008
	FOCUS 1.6L 2004 - 2001
LANDROVER	DISCOVERY 4.4L 2004 - 2009
	DISCOVERY 2.7 TDI 2004 - 2009
	RANGEROVER 4.2L/4.4L 2005 - 2012
	RANGEROVER 2.7 TDVM 2005 - 2012
TOYOTA	AURIS 1.4 D-4D 2007 - 2012
	AURIS 1.6L 2007 - 2012
	AVENSIS 2.0 D-4D 2009 ->
	CAMRY 3.0L 2004 - 2006
	COROLLA 1.4D 2004 - 2006
	COROLLA 1.6L 2007 - 2013
	HIGHLANDER 3.5 V6 2010 ->
	HILUX 2.5 D-4D 2001 - 2004
	HILUX 2.5D 2007 - 2015
VOLVO	RAV4 3.5 V6 2010 ->
	S40 1.6D 2004 - 2012
	S40 1.6L 2004 - 2012

ND 0352**JAAX 35****5x7x15****12 Volt****UYGUN OEM NO / REPLACING OE-REF**
021620-3001**MOTOR NO / UNIT NO**

1042103042	104210-3171	421000-0022	421000-0043
104210-3043	104210-3240	421000-0023	421000-0051
104210-3050	104210-3250	421000-0024	421000-0081
104210-3051	104210-3251	421000-0025	421000-0082
104210-3052	104210-3252	421000-0026	421000-0083
104210-3060	104210-3980	421000-0027	421000-0100
104210-3070	104210-4660	421000-0028	421000-0111
104210-3090	421000-0011	421000-0030	421000-0120
104210-3091	421000-0012	421000-0040	421000-0121
104210-3092	421000-0013	421000-0042	
104210-3170	421000-0021		

2 KÖMÜRLÜ / WITH 2 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

CHRYSLER	VOYAGER 3.3L 2000 - 2008
CITROEN	C1 1.4 HDI 2005 - 2014 C2 1.4 HDI 2003 - 2009 C3 1.4 HDI 2002 - 2009 X.PICASSO 1.6 HDI 2001 - 2008
PEUGEOT	107 1.4 HDI 2005 - 2014 206 1.4 HDI 2001 - 2013 307 1.4 HDI 2001 - 2008
SUZUKI	G.VITARA 1.9 DDIS 2005 - 2008
TOYOTA	AVENSIS 2.0 D4D 2001 - 2005 COROLLA 2.0 D4D 2002 - 2004 RAV4 2.0 D4D 2001 - 2005

ND 0353**JAAX 35****5x7x15****12 Volt****UYGUN OEM NO / REPLACING OE-REF**
021620-2530, 021620-2720**MOTOR NO / UNIT NO**

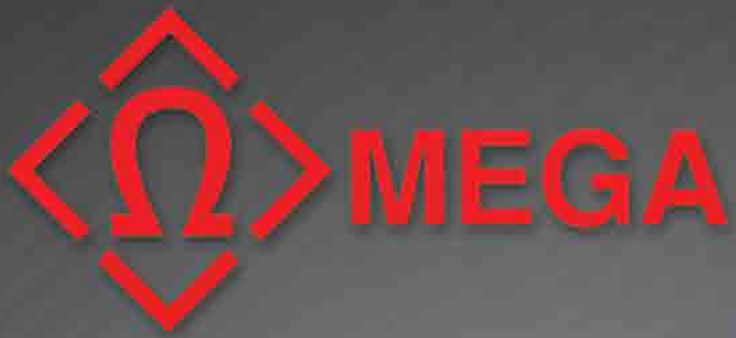
1002118230	100211-8540	100213-2991	101211-5120
100211-8240	100211-8550	100213-2993	101211-5130
100211-8250	100211-8560	101211-0230	101211-5140
100211-8260	100211-8570	101211-0340	101211-5350
100211-8270	100211-8590	101211-5000	101211-5370
100211-8280	100211-8601	101211-5010	101211-5380
100211-8470	100211-8610	101211-5020	101211-5390
100211-8480	100211-8611	101211-5030	101211-7000
100211-8490	100211-8622	101211-5040	101211-7010
100211-8500	100213-2940	101211-5050	101211-7011
100211-8530	100213-2950	101211-5090	101211-7020
	100213-2980	101211-5100	101211-7060
	100213-2990	101211-5110	101211-7070

2 KÖMÜRLÜ / WITH 2 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

CATERPILLAR	914G 1995 - 2003
HONDA	CIVIC 1.6L 1989 - 2001
KOMATSU	PC220 2002 - 2006 XZN1306 1995 - 1996
LANDROVER	FREELANDER 1.8L 1997 - 2006
TOYOTA	HIACE 2.4D/2.4 TD 1995 - 2006 HILUX 2.4D/2.4 TD 1995 - 2002 COROLLA 1.3 XLI 1992 - 1997 COROLLA 1.4 GLI 1992 - 1997 COROLLA 1.6L/1.6 GLI 1987 - 1997 LANDCRUISER 4.2 TD 1990 - 2007 YARIS 1.3L 1999 - 2005 YARIS 1.5L 2005 - 2013

MARŞ MOTORU KÖMÜRLERİ

STARTER BRUSHES



Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
BSX 12
1 007 014 100

4-BS 12

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

9x13x25,5

0 001 354 006	0 001 354 047	0 001 354 088
0 001 354 012	0 001 354 048	0 001 354 089
0 001 354 016	0 001 354 055	0 001 354 090
0 001 354 018	0 001 354 062	0 001 354 091
0 001 354 025	0 001 354 064	0 001 354 092
0 001 354 026	0 001 354 068	0 001 354 093
0 001 354 027	0 001 354 070	0 001 354 094
0 001 354 029	0 001 354 073	0 001 354 095
0 001 354 031	0 001 354 074	0 001 354 096
0 001 354 033	0 001 354 077	0 001 354 098
0 001 354 034	0 001 354 079	0 001 354 099
0 001 354 036	0 001 354 080	0 001 354 100
0 001 354 038	0 001 354 081	0 001 354 103
0 001 354 042	0 001 354 082	0 001 354 106
0 001 354 043	0 001 354 083	0 001 354 108
0 001 354 044	0 001 354 084	0 001 354 109
0 001 354 045	0 001 354 085	0 001 354 113
0 001 354 046	0 001 354 086	0 001 355 012
	0 001 354 087	9 000 143 200

**INTER
HANOMAG
STEYR
MERCEDES**
BSX 33
2 007 014 020

4-BS 33

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

9x20x28,5

 0 001 400 016
0 001 401 051

RENAULT
BSX 34
**2 007 014 021
1 007 014 107**

4-BS 34

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

9x20x28,5

0 001 401 071	0 001 402 043	0 001 402 061
0 001 402 001	0 001 402 044	0 001 402 065
0 001 402 007	0 001 402 050	0 001 402 066
0 001 402 008	0 001 402 052	0 001 402 068
0 001 402 009	0 001 402 053	0 001 402 069
0 001 402 011	0 001 402 054	0 001 402 071
0 001 402 012	0 001 402 055	0 001 402 072
0 001 402 018	0 001 402 056	0 001 402 074
0 001 402 023	0 001 402 056	0 001 402 075
0 001 402 034	0 001 402 057	0 001 402 077
0 001 402 041	0 001 402 058	0 001 402 079
	0 001 402 059	0 001 402 080
	0 001 402 060	0 001 402 081

**SCANIA VABIS
MAN
MAGIRUS
VOLVO**
BSX 35
**1 007 014 109
2 007 014 047**

4-BS 35

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

12x20x28,5

1 007 014 123	0 001 401 027	0 001 401 051
1 107 014 110	0 001 401 028	0 001 401 052
0 001 203 009	0 001 401 029	0 001 401 053
0 001 304 016	0 001 401 035	0 001 401 057
0 001 307 008	0 001 401 036	0 001 401 060
0 001 307 009	0 001 401 037	0 001 401 061
0 001 401 002	0 001 401 039	0 001 401 062
0 001 401 004	0 001 401 041	0 001 401 066
0 001 401 006	0 001 401 043	0 001 401 067
0 001 401 011	0 001 401 044	0 001 401 068
0 001 401 013	0 001 401 045	0 001 401 069
0 001 401 015	0 001 401 046	0 001 401 071
0 001 401 017	0 001 401 047	0 001 401 073
0 001 401 026	0 001 401 049	0 001 401 074
	0 001 401 050	

**MERCEDES
VOLVO
MAGIRUS**

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 36

1 007 014 105



4-BS 36

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

12x36x30

1 007 014 139
0 001 501 001
0 001 501 003
0 001 501 005
0 001 501 006
0 001 501 013
0 001 501 014
0 001 501 019
0 001 501 024
0 001 501 031
0 001 501 032
0 001 501 034
0 001 501 035
0 001 501 038
0 001 501 041

SCANIA VABIS
MAGIRUS
MERCEDES
VOLVO

BSX 39

2 007 014 002



4-BS 39

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

9x13x25,5

2 004 320 008
0 001 355 009
0 001 355 011
0 001 355 013
0 001 355 015
0 001 355 016
0 001 355 017
0 001 355 019
0 001 355 020

BSX 43

1 107 014 110



4-BS 43

Gerilim / Voltage
(Volt)

6/12

Ölçü / Dimension
(mm)

7x16x22

2 004 320 008
0 001 203 005
0 001 203 008
0 001 203 009
0 001 203 010
0 001 203 011
0 001 203 016
0 001 203 019
0 001 204 005
0 001 205 003
0 001 205 005
0 001 205 007
0 001 205 009
0 001 205 010
0 001 205 012
0 001 205 013
0 001 205 015
0 001 205 017
0 001 304 002
0 001 304 010
0 001 304 012
0 001 304 013
0 001 304 016
0 001 304 019
0 001 304 023
0 001 305 001
0 001 305 002
0 001 305 008
0 001 305 010
0 001 305 011
0 001 305 012
0 001 305 013
0 001 305 016
0 001 306 001
0 001 306 013
0 001 307 004
0 001 307 007
0 001 307 008
0 001 307 009
0 001 307 010
0 001 307 011
0 001 307 012
0 001 307 014
0 001 307 015
0 001 307 016
0 001 307 017
0 001 307 019
0 001 307 020
0 001 307 021
0 001 307 022
0 001 307 024
0 001 307 025
0 001 312 001

OPEL
MERCEDES
BMW
VOLKSWAGEN
FORD

BSX 49

1 107 014 126



4-BS 49

Gerilim / Voltage
(Volt)

6

Ölçü / Dimension
(mm)

7x16x18

0 001 207 002
0 001 207 003
0 001 207 005
0 001 207 006
0 001 207 007
0 001 207 009
0 001 207 010
0 001 207 013
0 001 207 015
0 001 207 016
0 001 207 019
0 001 207 020
0 001 310 002
0 001 310 005
0 001 310 007
0 001 310 008
0 001 310 009
0 001 310 010
0 001 310 011
0 001 310 016

OPEL
MERCEDES

Takım Sipariş Kodu / Set Order Code
BSX 59
**1 007 014 117
1 007 014 112**

**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
2-BS 59
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x16x18

0 001 208 001	0 001 209 010
0 001 208 014	0 001 209 012
0 001 208 018	0 001 209 013
0 001 208 019	0 001 209 018
0 001 208 030	0 001 209 020
0 001 208 036	0 001 209 022
0 001 208 037	0 001 209 026
0 001 208 038	0 001 212 002
0 001 208 048	0 001 214 001
0 001 209 014	0 001 217 001
0 001 209 003	0 001 311 008
0 001 209 006	0 001 311 010
	0 001 311 020
	9000042027

**OPEL
FORD**
BSX 70
2 007 014 018

4-BS 70
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x14x16

0 001 155 016	9 000 141 103
0 001 155 017	9 000 141 104
0 001 157 001	9 000 141 107
0 001 157 004	9 000 141 108
0 001 157 006	9 000 141 111
0 001 157 007	9 000 141 112
0 001 157 013	9 000 141 113
0 001 157 016	9 000 141 114
0 001 157 018	9 000 141 115
0 001 157 021	9 000 141 116
0 001 157 025	9 000 141 100
0 001 157 027	9 000 334 101
0 001 157 030	9 000 334 102
9 000 141 101	9 000 334 103
	9 000 334 104

OPEL SEAT KADETT
INCA
TERRA

BSX 74
**2 007 014 000
2 007 014 024**

4-BS 74
**Gerilim / Voltage
(Volt)**
6/12
**Ölçü / Dimension
(mm)**
7x14x17,5

0 001 100 003	0 001 154 007	0 001 158 009
0 001 100 004	0 001 155 001	9 000 141 000
0 001 101 004	0 001 155 002	9 000 141 000
0 001 102 003	0 001 155 003	9 000 141 001
0 001 102 004	0 001 155 004	9 000 141 002
0 001 102 005	0 001 155 006	9 000 141 003
0 001 102 006	0 001 155 008	9 000 141 004
0 001 102 009	0 001 155 009	9 000 141 006
0 001 104 005	0 001 155 010	9 000 141 007
0 001 104 007	0 001 155 014	9 000 141 008
0 001 105 002	0 001 155 015	9 000 141 009
0 001 105 003	0 001 155 016	9 000 141 010
0 001 154 001	0 001 157 010	9 000 141 013
0 001 154 005	0 001 158 001	9 000 141 015
	0 001 158 002	9 000 141 017
	0 001 158 008	9 000 141 018

OPEL CORSA
KADETT
ASCONA

Takım Sipariş Kodu / Set Order Code

BSX 75

2 007 014 026

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BO 0751**4-BS 75**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**7x10x18**

0 001 207 001	0 001 404 015	0 001 407 023	0 001 211 224
0 001 207 018	0 001 404 016	0 001 407 025	0 001 211 225
0 001 208 004	0 001 404 017	0 001 407 026	0 001 211 227
0 001 208 008	0 001 404 018	0 001 407 027	0 001 211 228
0 001 208 025	0 001 404 019	0 001 407 028	0 001 211 229
0 001 208 039	0 001 404 020	0 001 407 029	0 001 211 233
0 001 208 040	0 001 404 021	0 001 408 011	0 001 211 234
0 001 208 041	0 001 404 022	0 001 408 012	0 001 211 235
0 001 208 044	0 001 404 023	0 001 408 013	0 001 211 236
0 001 208 049	0 001 404 025	0 001 408 014	0 001 211 239
0 001 208 051	0 001 404 026	0 001 408 015	0 001 211 241
0 001 208 052	0 001 404 027	0 001 408 016	0 001 211 242
0 001 208 053	0 001 404 028	0 001 408 017	0 001 211 243
0 001 208 054	0 001 404 029	0 001 408 018	0 001 211 244
0 001 208 100	0 001 405 011	0 001 408 019	0 001 211 245
0 001 208 101	0 001 405 012	0 001 408 020	0 001 211 246
0 001 200 005	0 001 405 013	0 001 408 021	0 001 211 247
0 001 200 006	0 001 405 014	0 001 408 022	0 001 211 248
0 001 200 008	0 001 405 015	0 001 408 023	0 001 211 249
0 001 200 009	0 001 405 016	0 001 408 025	0 001 211 251
0 001 200 010	0 001 405 017	0 001 408 026	0 001 211 252
0 001 200 011	0 001 405 018	0 001 408 027	0 001 211 253
0 001 200 013	0 001 405 019	0 001 408 028	0 001 211 254
0 001 200 014	0 001 405 020	0 001 408 029	0 001 211 255
0 001 200 016	0 001 405 021	0 001 409 011	0 001 211 257
0 001 200 017	0 001 405 022	0 001 409 012	0 001 211 258
0 001 200 018	0 001 405 023	0 001 409 013	0 001 211 259
0 001 200 019	0 001 405 025	0 001 409 014	0 001 211 286
0 001 200 020	0 001 405 026	0 001 409 015	0 001 211 288
0 001 200 021	0 001 405 027	0 001 409 016	0 001 211 986
0 001 200 023	0 001 405 028	0 001 409 017	0 001 211 987
0 001 200 024	0 001 405 029	0 001 409 018	0 001 211 988
0 001 200 025	0 001 406 011	0 001 409 019	0 001 211 989
0 001 200 026	0 001 406 012	0 001 409 020	0 001 211 990
0 001 200 027	0 001 406 013	0 001 409 021	0 001 211 991
0 001 200 028	0 001 406 014	0 001 409 022	0 001 211 992
0 001 200 029	0 001 406 015	0 001 409 023	0 001 211 993
0 001 200 032	0 001 406 016	0 001 409 025	0 001 211 995
0 001 200 033	0 001 406 017	0 001 409 026	0 001 211 996
0 001 403 011	0 001 406 018	0 001 409 027	0 001 211 997
0 001 403 012	0 001 406 019	0 001 409 028	0 001 211 998
0 001 403 013	0 001 406 020	0 001 409 029	0 001 212 006
0 001 403 014	0 001 406 021	0 001 211 200	0 001 212 007
0 001 403 015	0 001 406 022	0 001 211 201	0 001 212 008
0 001 403 016	0 001 406 023	0 001 211 204	0 001 212 011
0 001 403 017	0 001 406 025	0 001 211 205	0 001 212 013
0 001 403 018	0 001 406 026	0 001 211 206	0 001 213 003
0 001 403 019	0 001 406 027	0 001 211 207	0 001 213 004
0 001 403 020	0 001 406 028	0 001 211 208	9 000 142 001
0 001 403 021	0 001 406 029	0 001 211 209	9 000 142 002
0 001 403 022	0 001 407 011	0 001 211 210	9 000 142 003
0 001 403 023	0 001 407 012	0 001 211 213	9 000 142 014
0 001 403 025	0 001 407 013	0 001 211 214	9 000 142 100
0 001 403 026	0 001 407 014	0 001 211 215	9 000 142 102
0 001 403 027	0 001 407 015	0 001 211 216	9 000 333 105
0 001 403 028	0 001 407 016	0 001 211 217	9 000 333 112
0 001 403 029	0 001 407 017	0 001 211 218	9 000 333 115
0 001 404 011	0 001 407 018	0 001 211 219	9 000 333 116
0 001 404 012	0 001 407 019	0 001 211 220	9 000 333 118
0 001 404 013	0 001 407 020	0 001 211 221	9 000 333 119
0 001 404 014	0 001 407 021	0 001 211 222	
	0 001 407 022	0 001 211 223	

FORD GXL 1.1 L, 1.3 L
OPEL
MERCEDES

Takım Sipariş Kodu / Set Order Code
BSX 76
**1 007 014 119
1 007 014 121
1 007 014 127**

**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
4-BS 76
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x16x18

0 001 207 001	0 001 310 009	0 001 311 143
0 001 207 003	0 001 310 010	0 001 311 146
0 001 207 005	0 001 310 011	0 001 311 147
0 001 207 006	0 001 310 016	0 001 311 149
0 001 207 007	0 001 310 018	0 001 311 150
0 001 207 009	0 001 310 043	0 001 311 151
0 001 207 010	0 001 310 046	0 001 311 152
0 001 207 013	0 001 310 047	0 001 312 100
0 001 207 015	0 001 310 049	0 001 312 101
0 001 207 016	0 001 310 050	0 001 312 102
0 001 207 017	0 001 310 116	0 001 312 104
0 001 207 018	0 001 310 120	0 001 312 105
0 001 207 019	0 001 311 008	0 001 312 106
0 001 207 020	0 001 311 010	0 001 312 107
0 001 208 004	0 001 311 013	0 001 312 110
0 001 208 006	0 001 311 019	0 001 312 111
0 001 208 007	0 001 311 023	0 001 313 006
0 001 208 009	0 001 311 025	0 001 313 007
0 001 208 010	0 001 311 028	0 001 314 001
0 001 208 011	0 001 311 029	0 001 314 003
0 001 208 012	0 001 311 030	0 001 314 004
0 001 208 017	0 001 311 031	0 001 314 005
0 001 208 018	0 001 311 032	0 001 314 006
0 001 208 019	0 001 311 034	0 001 314 008
0 001 208 023	0 001 311 035	0 001 314 009
0 001 208 025	0 001 311 036	0 001 314 010
0 001 208 029	0 001 311 037	0 001 314 011
0 001 208 032	0 001 311 045	0 001 314 012
0 001 208 033	0 001 311 047	0 001 314 013
0 001 208 036	0 001 311 050	0 001 314 014
0 001 208 037	0 001 311 052	0 001 314 015
0 001 208 038	0 001 311 054	0 001 314 016
0 001 208 046	0 001 311 055	0 001 314 017
0 001 208 047	0 001 311 056	0 001 314 018
0 001 208 048	0 001 311 100	0 001 314 022
0 001 208 049	0 001 311 103	0 001 314 024
0 001 208 050	0 001 311 105	0 001 314 025
0 001 208 054	0 001 311 107	0 001 314 026
0 001 208 055	0 001 311 108	0 001 314 027
0 001 208 056	0 001 311 112	0 001 314 028
0 001 208 058	0 001 311 113	0 001 314 029
0 001 208 059	0 001 311 114	0 001 314 030
0 001 208 061	0 001 311 115	0 001 314 031
0 001 209 014	0 001 311 118	0 001 314 032
0 001 211 005	0 001 311 120	0 001 314 033
0 001 211 016	0 001 311 121	0 001 314 034
0 001 211 017	0 001 311 122	0 001 314 035
0 001 211 129	0 001 311 123	0 001 314 036
0 001 212 002	0 001 311 124	0 001 314 037
0 001 212 003	0 001 311 125	0 001 314 038
0 001 212 005	0 001 311 126	0 001 314 039
0 001 212 006	0 001 311 127	0 001 314 040
0 001 212 012	0 001 311 128	0 001 314 041
0 001 214 001	0 001 311 130	0 001 314 042
0 001 214 002	0 001 311 131	0 001 314 043
0 001 215 001	0 001 311 133	0 001 314 044
0 001 215 002	0 001 311 134	0 001 314 045
0 001 217 001	0 001 311 135	0 001 314 046
0 001 310 002	0 001 311 136	0 001 314 047
0 001 310 005	0 001 311 137	0 001 314 048
0 001 310 007	0 001 311 138	0 001 314 049
0 001 310 008	0 001 311 139	0 001 317 005
	0 001 311 140	0 001 317 006
	0 001 311 141	
	0 001 311 142	

**OPEL
MERCEDES
BMW**

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 82

2 007 014 041



4-BS 82

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

7x16x22

0 001 203 008	0 001 307 007	0 001 401 027	0 001 401 052
0 001 203 009	0 001 307 008	0 001 401 028	0 001 401 053
0 001 203 016	0 001 307 009	0 001 401 029	0 001 401 057
0 001 204 005	0 001 307 014	0 001 401 035	0 001 401 060
0 001 205 003	0 001 307 017	0 001 401 036	0 001 401 061
0 001 205 005	0 001 307 019	0 001 401 037	0 001 401 062
0 001 205 012	0 001 307 024	0 001 401 039	0 001 401 066
0 001 205 015	0 001 307 025	0 001 401 041	0 001 401 067
0 001 205 017	0 001 401 002	0 001 401 043	0 001 401 068
0 001 304 012	0 001 401 004	0 001 401 044	0 001 401 069
0 001 304 016	0 001 401 006	0 001 401 045	0 001 401 071
0 001 305 008	0 001 401 011	0 001 401 046	0 001 401 073
0 001 305 016	0 001 401 013	0 001 401 047	0 001 401 074
0 001 306 011	0 001 401 015	0 001 401 049	
0 001 307 004	0 001 401 017	0 001 401 050	
	0 001 401 026	0 001 401 051	

VOLVO

BSX 85

2 007 014 022



4-BS 85

Gerilim / Voltage
(Volt)

12/ 24

Ölçü / Dimension
(mm)

8x25x23

0 001 360 008
0 001 360 010
0 001 360 012
0 001 360 016
0 001 360 023
2 004 320 218
2 004 320 139
0 001 364 001

MERCEDES 302
FORD CARGO
MAN

BSX 86-87

2 007 014 044
2 007 014 052



BS 86

BS 87

2-BS 86
2-BS 87

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

10x25x23

0 001 358 200	0 001 359 030	0 001 359 058	0 001 359 089
0 001 358 202	0 001 359 031	0 001 359 059	0 001 359 090
0 001 359 001	0 001 359 032	0 001 359 060	0 001 359 091
0 001 359 004	0 001 359 033	0 001 359 061	0 001 359 092
0 001 359 006	0 001 359 034	0 001 359 062	0 001 359 094
0 001 359 007	0 001 359 035	0 001 359 063	0 001 359 095
0 001 359 008	0 001 359 036	0 001 359 064	0 001 359 096
0 001 359 010	0 001 359 037	0 001 359 065	0 001 359 097
0 001 359 011	0 001 359 038	0 001 359 066	0 001 359 098
0 001 359 012	0 001 359 039	0 001 359 067	0 001 359 099
0 001 359 013	0 001 359 040	0 001 359 068	0 001 359 100
0 001 359 014	0 001 359 041	0 001 359 069	0 001 359 101
0 001 359 016	0 001 359 043	0 001 359 071	0 001 359 102
0 001 359 018	0 001 359 044	0 001 359 072	0 001 359 104
0 001 359 019	0 001 359 045	0 001 359 073	0 001 359 022
0 001 359 020	0 001 359 046	0 001 359 074	0 001 359 017
0 001 359 021	0 001 359 047	0 001 359 075	0 001 365 004
0 001 359 023	0 001 359 048	0 001 359 076	0 001 365 005
0 001 359 024	0 001 359 049	0 001 359 081	0 001 365 006
0 001 359 025	0 001 359 050	0 001 359 082	0 001 365 007
0 001 359 026	0 001 359 051	0 001 359 083	0 001 365 008
0 001 359 027	0 001 359 053	0 001 359 084	9 000 143 107
0 001 359 028	0 001 359 054	0 001 359 085	9 000 143 109
0 001 359 029	0 001 359 055	0 001 359 086	9 000 143 110
	0 001 359 056	0 001 359 087	9 000 143 111
	0 001 359 057	0 001 359 088	

IVECO 49 NC
DODGE AS 600
MACK

Takım Sipariş Kodu / Set Order Code

BSX 96

 2 007 014 044
2 007 014 052

**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
**2-BS 96A
2-BS 96B**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

10x25x23

0001 358 200	0001 359 030	0001 359 058	0001 359 089
0001 358 202	0001 359 031	0001 359 059	0001 359 090
0001 359 001	0001 359 032	0001 359 060	0001 359 091
0001 359 004	0001 359 033	0001 359 061	0001 359 092
0001 359 006	0001 359 034	0001 359 062	0001 359 094
0001 359 007	0001 359 035	0001 359 063	0001 359 095
0001 359 008	0001 359 036	0001 359 064	0001 359 096
0001 359 010	0001 359 037	0001 359 065	0001 359 097
0001 359 011	0001 359 038	0001 359 066	0001 359 098
0001 359 012	0001 359 039	0001 359 067	0001 359 099
0001 359 013	0001 359 040	0001 359 068	0001 359 100
0001 359 014	0001 359 041	0001 359 069	0001 359 101
0001 359 016	0001 359 043	0001 359 071	0001 359 102
0001 359 018	0001 359 044	0001 359 072	0001 359 104
0001 359 019	0001 359 045	0001 359 073	0001 359 022
0001 359 020	0001 359 046	0001 359 074	0001 359 017
0001 359 021	0001 359 047	0001 359 075	0001 365 004
0001 359 023	0001 359 048	0001 359 076	0001 365 005
0001 359 024	0001 359 049	0001 359 081	0001 365 006
0001 359 025	0001 359 050	0001 359 082	0001 365 007
0001 359 026	0001 359 051	0001 359 083	0001 365 008
0001 359 027	0001 359 053	0001 359 084	9 000 143 107
0001 359 028	0001 359 054	0001 359 085	9 000 143 109
0001 359 029	0001 359 055	0001 359 086	9 000 143 110
	0001 359 056	0001 359 087	9 000 143 111
	0001 359 057	0001 359 088	

IVECO 49 NC
DODGE AS 600
MACK
BSX 98

 1 007 014 126
1 007 014 133

4-BS 98

 Gerilim / Voltage
(Volt)

12/24

 Ölçü / Dimension
(mm)

7x10x18

0001 207 001	0001 200 020	0001 403 027	0001 211 028
0001 207 018	0001 200 021	0001 403 028	0001 211 029
0001 208 004	0001 200 023	0001 403 029	0001 211 033
0001 208 025	0001 200 024	0001 403 025	0001 211 034
0001 208 039	0001 200 025	0001 211 200	0001 211 035
0001 208 040	0001 200 026	0001 211 001	0001 211 036
0001 208 041	0001 200 027	0001 211 004	0001 211 039
0001 208 044	0001 200 028	0001 211 005	0001 211 041
0001 208 049	0001 200 029	0001 211 006	0001 211 042
0001 208 051	0001 200 032	0001 211 007	0001 211 043
0001 208 052	0001 200 033	0001 211 008	0001 211 044
0001 208 053	0001 403 409	0001 211 009	0001 211 045
0001 208 054	0001 403 011	0001 211 010	0001 211 046
0001 208 100	0001 403 012	0001 211 013	0001 211 047
0001 208 101	0001 403 013	0001 211 014	0001 211 048
0001 200 005	0001 403 014	0001 211 015	0001 211 049
0001 200 006	0001 403 015	0001 211 016	0001 251 055
0001 200 008	0001 403 016	0001 211 017	0001 251 057
0001 200 009	0001 403 017	0001 211 018	0001 251 058
0001 200 010	0001 403 018	0001 211 019	0001 251 059
0001 200 011	0001 403 019	0001 211 020	0001 251 086
0001 200 013	0001 403 020	0001 211 021	0001 251 088
0001 200 014	0001 403 021	0001 211 022	0001 986 093
0001 200 016	0001 403 022	0001 211 023	0001 986 095
0001 200 017	0001 403 023	0001 211 024	0001 986 096
0001 200 018	0001 403 025	0001 211 025	0001 986 097
0001 200 019	0001 403 026	0001 211 027	0001 986 098

FIAT TIPO, UNO
DUCATO
FORD ESCORT, CAPRI
ORION, SIERRA
VERONA LX
VOLKSWAGEN
CADDY 1.8
GOLF
SCIROCCO
JETTA 1.5

Takım Sipariş Kodu / Set Order Code

BSX 99

2 007 014 036



Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

4-BS 99

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

12x36x27

0001 410 029	0001 416 038	0001 416 077	0001 417 038
0001 410 062	0001 416 039	0001 417 001	0001 417 039
0001 416 001	0001 416 040	0001 417 002	0001 417 040
0001 416 002	0001 416 042	0001 417 003	0001 417 042
0001 416 003	0001 416 043	0001 417 004	0001 417 043
0001 416 004	0001 416 044	0001 417 005	0001 417 044
0001 416 005	0001 416 045	0001 417 006	0001 417 045
0001 416 006	0001 416 046	0001 417 007	0001 417 046
0001 416 007	0001 416 047	0001 417 008	0001 417 047
0001 416 008	0001 416 048	0001 417 009	0001 417 048
0001 416 009	0001 416 049	0001 417 010	0001 417 049
0001 416 010	0001 416 050	0001 417 011	0001 417 050
0001 416 011	0001 416 051	0001 417 012	0001 417 051
0001 416 012	0001 416 052	0001 417 013	0001 417 052
0001 416 013	0001 416 053	0001 417 014	0001 417 053
0001 416 014	0001 416 054	0001 417 015	0001 417 054
0001 416 015	0001 416 055	0001 417 016	0001 417 055
0001 416 016	0001 416 056	0001 417 017	0001 417 056
0001 416 017	0001 416 057	0001 417 018	0001 417 057
0001 416 018	0001 416 058	0001 417 019	0001 417 058
0001 416 019	0001 416 059	0001 417 020	0001 417 059
0001 416 020	0001 416 060	0001 417 021	0001 417 060
0001 416 021	0001 416 061	0001 417 022	0001 417 061
0001 416 022	0001 416 062	0001 417 023	0001 417 062
0001 416 023	0001 416 063	0001 417 024	0001 417 063
0001 416 024	0001 416 064	0001 417 025	0001 417 064
0001 416 025	0001 416 065	0001 417 026	0001 417 065
0001 416 026	0001 416 066	0001 417 027	0001 417 066
0001 416 027	0001 416 067	0001 417 028	0001 417 067
0001 416 028	0001 416 068	0001 417 029	0001 417 068
0001 416 029	0001 416 069	0001 417 030	0001 417 069
0001 416 030	0001 416 070	0001 417 031	0001 417 070
0001 416 031	0001 416 071	0001 417 032	0001 417 071
0001 416 032	0001 416 072	0001 417 033	0001 417 072
0001 416 033	0001 416 073	0001 417 034	0001 417 073
0001 416 034	0001 416 074	0001 417 035	0001 417 074
0001 416 035	0001 416 075	0001 417 036	0001 417 074
0001 416 036	0001 416 076	0001 417 037	
0001 416 037			

MASSEY FERGUSON
MAGIRUS-DEUTZ
MAN
MERCEDES
VOLVO
IVECO
FIAT KAMYON/TRUCK
RENAULT KAMYON/TRUCK

BSX 100

2 007 014 049



4-BS 100

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

8x25x23

0001 360 002	0001 360 026	0001 360 047	0001 364 200
0001 360 003	0001 360 027	0001 360 048	0001 364 201
0001 360 007	0001 360 029	0001 360 049	0001 364 202
0001 360 008	0001 360 030	0001 360 050	0001 364 203
0001 360 009	0001 360 031	0001 360 051	0001 364 204
0001 360 010	0001 360 032	0001 360 054	0001 364 205
0001 360 012	0001 360 033	0001 360 055	0001 364 206
0001 360 013	0001 360 034	0001 360 056	0001 416 015
0001 360 014	0001 360 035	0001 360 057	0001 417 060
0001 360 015	0001 360 036	0001 360 058	9000 143 300
0001 360 016	0001 360 037	0001 360 059	9000 143 301
0001 360 017	0001 360 038	0001 360 060	9000 143 302
0001 360 018	0001 360 039	0001 360 061	9000 143 303
0001 360 019	0001 360 040	0001 360 063	9000 143 304
0001 360 022	0001 360 041	0001 360 064	9000 143 305
0001 360 023	0001 360 042	0001 360 065	9000 143 501
0001 360 024	0001 360 043	0001 364 100	
0001 360 025	0001 360 044	0001 364 106	
	0001 360 045	0001 364 108	

DAF F-2000
TRAKTÖR /
TRACTOR
FIAT OTOBÜS / BUS
FIAT 50 NC
IVECO 120, 145
VOLVO KAMYON / TRUCK

BSX 101

2 007 014 040



BO 1011

2-BS 101A
2-BS 101B

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

9x16x18

0001 362 034	0001 362 064	0001 363 111	0001 366 015
0001 362 035	0001 362 067	0001 363 104	0001 366 016
0001 362 036	0001 362 069	0001 363 105	0001 366 017
0001 362 037	0001 362 070	0001 363 107	0001 366 018
0001 362 038	0001 362 071	0001 363 111	0001 366 019
0001 362 039	0001 362 072	0001 363 113	0001 366 020
0001 362 040	0001 362 073	0001 363 116	0001 366 021
0001 362 041	0001 362 079	0001 366 001	0001 366 022
0001 362 042	0001 362 081	0001 366 002	0001 366 024
0001 362 045	0001 362 082	0001 366 003	0001 366 025
0001 362 046	0001 362 083	0001 366 004	0001 366 026
0001 362 047	0001 362 098	0001 366 005	0001 366 027
0001 362 048	0001 362 099	0001 366 006	0001 366 028
0001 362 049	0001 362 111	0001 366 008	0001 366 029
0001 362 050	0001 362 322	0001 366 009	0001 366 046
0001 362 051	0001 362 700	0001 366 010	9000 143 204
0001 362 052	0001 363 104	0001 366 011	9000 143 408
0001 362 053	0001 363 105	0001 366 012	
0001 362 057	0001 363 107	0001 366 013	
	0001 363 109	0001 366 014	

MERCEDES
MAGIRIUS

Takım Sipariş Kodu / Set Order Code
BSX 102
2 007 014 053

**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
BO 1021

0 001 357 002	0 001 362 013	0 001 362 029
0 001 362 001	0 001 362 014	0 001 362 030
0 001 362 002	0 001 362 015	0 001 362 032
0 001 362 003	0 001 362 016	0 001 362 033
0 001 362 004	0 001 362 017	9 000 143 400
0 001 362 005	0 001 362 019	9 000 143 402
0 001 362 006	0 001 362 021	9 000 143 404
0 001 362 007	0 001 362 022	9 000 143 405
0 001 362 008	0 001 362 023	9 000 143 406
0 001 362 009	0 001 362 024	9 000 143 407
0 001 362 011	0 001 362 025	9 000 143 409
0 001 362 012	0 001 362 027	
	0 001 362 028	

OPEL
BEDFORD
MERCEDES 200 D
HENSCHEL
4-BS 102
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
9x16x25,5
BSX 104
**2 007 014 054
2 007 014 055**

2-BS 104

0 001 208 009	0 001 211 001	0 001 311 026
0 001 208 013	0 001 211 002	0 001 311 027
0 001 208 024	0 001 211 004	0 001 311 032
0 001 208 025	0 001 211 016	0 001 311 038
0 001 208 026	0 001 211 021	0 001 311 039
0 001 208 031	0 001 211 023	0 001 311 045
0 001 208 033	0 001 211 025	0 001 311 048
0 001 208 058	0 001 215 001	0 001 313 001
0 001 208 059	0 001 311 001	0 001 313 003
0 001 208 061	0 001 311 007	0 001 313 005
	0 001 311 014	
	0 001 311 016	

ALFA ROMEO
 GIULIA 1.3-1.6
 SPIDER 1600
 JUNIOR 1600
 SPIDER 1300
 JUNIOR 1300

**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x16x18
BSX 121
1 007 014 128

4-BS 121

0 001 155 016	0 001 157 018	9 000 141 107
0 001 155 017	0 001 157 021	9 000 141 108
0 001 157 001	0 001 157 022	9 000 141 111
0 001 157 002	0 001 157 023	9 000 141 112
0 001 157 003	0 001 157 024	9 000 141 113
0 001 157 004	0 001 157 025	9 000 141 114
0 001 157 006	0 001 157 027	9 000 141 115
0 001 157 007	0 001 157 028	9 000 141 116
0 001 157 013	0 001 157 029	9 000 334 101
0 001 157 014	0 001 157 030	9 000 334 102
0 001 157 015	9 000 141 101	9 000 334 103
0 001 157 016	9 000 141 103	9 000 334 104
	9 000 141 104	

OPEL VECTRA, CORSA
RENAULT
SEAT IBIZA

**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x14x16

Takım Sipariş Kodu / Set Order Code

BSX 124

1 007 014 127



Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

4-BS 124

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x16x18

0001 207 001	0001 208 054	0001 310 050	0001 311 128
0001 207 003	0001 208 055	0001 310 116	0001 311 130
0001 207 005	0001 208 056	0001 310 120	0001 311 131
0001 207 007	0001 208 058	0001 311 008	0001 311 133
0001 207 009	0001 208 059	0001 311 010	0001 311 143
0001 207 010	0001 208 061	0001 311 013	0001 311 146
0001 207 013	0001 209 014	0001 311 019	0001 311 147
0001 207 015	0001 211 005	0001 311 023	0001 311 149
0001 207 017	0001 211 016	0001 311 025	0001 311 150
0001 207 018	0001 211 017	0001 311 028	0001 311 151
0001 207 019	0001 211 129	0001 311 029	0001 311 152
0001 207 020	0001 212 002	0001 311 030	0001 312 100
0001 208 004	0001 212 003	0001 311 031	0001 312 101
0001 208 006	0001 212 005	0001 311 032	0001 312 102
0001 208 007	0001 212 006	0001 311 034	0001 312 104
0001 208 009	0001 212 012	0001 311 035	0001 312 105
0001 208 012	0001 214 001	0001 311 036	0001 312 106
0001 208 017	0001 214 002	0001 311 037	0001 312 107
0001 208 018	0001 215 001	0001 311 045	0001 312 110
0001 208 019	0001 215 002	0001 311 047	0001 312 111
0001 208 023	0001 217 001	0001 311 050	0001 313 006
0001 208 025	0001 310 002	0001 311 052	0001 313 007
0001 208 029	0001 310 005	0001 311 054	0001 314 001
0001 208 032	0001 310 007	0001 311 055	0001 314 003
0001 208 033	0001 310 008	0001 311 056	0001 314 004
0001 208 036	0001 310 009	0001 311 100	0001 314 005
0001 208 037	0001 310 010	0001 311 103	0001 314 006
0001 208 038	0001 310 011	0001 311 105	0001 314 008
0001 208 046	0001 310 016	0001 311 107	0001 314 018
0001 208 047	0001 310 018	0001 311 108	0001 314 022
0001 208 048	0001 310 043	0001 311 112	0001 314 024
0001 208 049	0001 310 046	0001 311 115	0001 314 049
0001 208 050	0001 310 047	0001 311 118	0001 317 005
	0001 310 049	0001 311 120	0001 317 006

BMW	3.16 , 3.15 3.20 240
VOLVO	
ALFA ROMEO	
VOLKSWAGEN	PASSAT
PORSCHE	911,924
FORD	FIESTA
RENAULT	R 12, EXPRESS
SEAT	IBIZA
AUDI	
MERCEDES	

BSX 131

2 007 014 061
2 007 014 036



4-BS 131

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

12x36x27

0001 410 010	0001 410 044	0001 410 086	0001 410 118
0001 410 015	0001 410 046	0001 410 087	0001 411 008
0001 410 016	0001 410 047	0001 410 088	0001 411 011
0001 410 017	0001 410 048	0001 410 089	0001 411 017
0001 410 018	0001 410 050	0001 410 092	0001 414 001
0001 410 019	0001 410 052	0001 410 094	0001 414 011
0001 410 021	0001 410 054	0001 410 097	0001 414 013
0001 410 022	0001 410 058	0001 410 098	0001 414 022
0001 410 024	0001 410 060	0001 410 101	0001 415 001
0001 410 026	0001 410 065	0001 410 102	0001 415 014
0001 410 029	0001 410 067	0001 410 104	0001 415 016
0001 410 032	0001 410 069	0001 410 105	0001 415 024
0001 410 035	0001 410 073	0001 410 106	0001 415 027
0001 410 037	0001 410 075	0001 410 109	0001 501 014
0001 410 041	0001 410 077	0001 410 111	0001 501 015
0001 410 043	0001 410 078	0001 410 115	0001 501 020
	0001 410 081	0001 410 116	0001 501 032
	0001 410 083	0001 410 117	

MERCEDES	303
FIAT	KAMYON/ TRUCK
IVECO	
RENAULT	KAMYON / TRUCK

BSX 134-144

2 007 014 062



BO 1441

2-BS 134
2-BS 144

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

10x25x17

0001 367 001	0001 367 061
0001 367 018	0001 367 064
0001 367 020	0001 367 066
0001 367 046	0001 367 068
0001 367 048	9000 143 410
0001 367 050	9000 143 412
0001 367 051	9000 143 415
0001 367 054	9000 143 416
0001 367 059	9000 143 419

FORD	
IVECO	
FIAT	TRAKTÖR / TRACTOR
MERCEDES	KAMYON / TRUCK

Takım Sipariş Kodu / Set Order Code

BSX 135-145

2 007 014 063



BS 135

BS 145

**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
BO 1451
**2-BS 135
2-BS 145**

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

8x25x17

0 001 368 001	0 001 368 030	0 001 368 060	0 001 368 301
0 001 368 002	0 001 368 031	0 001 368 061	0 001 368 302
0 001 368 003	0 001 368 032	0 001 368 062	0 001 368 303
0 001 368 004	0 001 368 033	0 001 368 063	0 001 368 304
0 001 368 005	0 001 368 034	0 001 368 064	0 001 368 305
0 001 368 006	0 001 368 035	0 001 368 065	0 001 368 306
0 001 368 007	0 001 368 036	0 001 368 066	0 001 368 307
0 001 368 008	0 001 368 037	0 001 368 067	0 001 368 308
0 001 368 009	0 001 368 038	0 001 368 068	0 001 368 309
0 001 368 010	0 001 368 039	0 001 368 069	0 001 368 310
0 001 368 011	0 001 368 040	0 001 368 070	0 001 368 311
0 001 368 012	0 001 368 041	0 001 368 071	0 001 368 312
0 001 368 013	0 001 368 042	0 001 368 072	0 001 368 313
0 001 368 014	0 001 368 043	0 001 368 073	0 001 368 314
0 001 368 015	0 001 368 044	0 001 368 074	0 001 368 315
0 001 368 016	0 001 368 045	0 001 368 075	0 001 368 316
0 001 368 017	0 001 368 046	0 001 368 076	0 001 368 317
0 001 368 018	0 001 368 047	0 001 368 077	0 001 368 318
0 001 368 019	0 001 368 048	0 001 368 078	0 001 368 319
0 001 368 020	0 001 368 049	0 001 368 079	0 001 368 320
0 001 368 021	0 001 368 050	0 001 368 080	0 001 368 321
0 001 368 022	0 001 368 051	0 001 368 081	0 001 369 011
0 001 368 023	0 001 368 052	0 001 368 082	9 000 143 600
0 001 368 024	0 001 368 053	0 001 368 083	9 000 143 601
0 001 368 025	0 001 368 054	0 001 368 084	9 000 143 602
0 001 368 026	0 001 368 055	0 001 368 085	9 000 143 603
0 001 368 027	0 001 368 056	0 001 368 086	9 000 143 604
0 001 368 028	0 001 368 057	0 001 368 087	
0 001 368 029	0 001 368 058	0 001 368 088	
	0 001 368 059	0 001 368 300	

**MERCEDES
VOLVO
IVECO
RENAULT
FORD
MAN
LEYLAND
DAF**

 KAMYON/
TRUCK
OTOBÜS / BUS

**OPEL
SCANIA
FIAT**

 D
D
D

BSX 137-143

 2 007 014 065
2 007 014 068


BS 137

BS 143

BO 1431
**2-BS 137
2-BS 143**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

9x16x17

0 001 362 034	0 001 362 332
0 001 362 036	0 001 362 600
0 001 362 038	0 001 362 607
0 001 362 043	0 001 362 700
0 001 362 045	0 001 362 705
0 001 362 053	0 001 366 001
0 001 362 057	0 001 366 006
0 001 362 064	0 001 366 008
0 001 362 067	0 001 366 022
0 001 362 069	0 001 366 024
0 001 362 070	0 001 366 029
0 001 362 081	9 000 143 203
0 001 362 086	9 000 143 004
0 001 362 088	9 000 143 408
0 001 362 100	9 000 143 011
0 001 362 102	9 000 143 013
0 001 362 105	9 000 143 014
0 001 362 300	9 000 143 020

**FIAT TRAKTÖR/TRACTOR
IVECO
MERCEDES
DAIMLER KAMYON /
TRUCK
FORD TRANSIT 100-
120-150-190-80,
SCORPIO
FIAT OTOBÜS / BUS**
BSX 139

2 007 014 040


4-BS 139

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

9x16x17

0 001 362 034	0 001 362 105
0 001 362 036	0 001 300 332
0 001 362 038	0 001 600 607
0 001 362 043	0 001 700 705
0 001 362 045	0 001 366 001
0 001 362 053	0 001 366 006
0 001 362 057	0 001 366 008
0 001 362 064	0 001 366 022
0 001 362 067	0 001 366 024
0 001 362 069	0 001 366 029
0 001 362 070	9 000 143 203
0 001 362 081	9 000 143 004
0 001 362 086	9 000 143 408
0 001 362 088	9 000 143 011
0 001 362 100	9 000 143 013
0 001 362 102	9 000 143 014
	9 000 143 020

**FIAT COMMERCIAL
IVECO
MERCEDES
DAIMLER KAMYON / TRUCK
FORD TRANSIT 100-
120-150-190-80, SCORPIO
FIAT OTOBÜS / BUS**

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 140

1 007 014 138



BO 1401

4-BS 140

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x16x15

0 001 208 516
0 001 208 710
0 001 211 514
0 001 312 108
0 001 312 009
0 001 317 007
0 001 317 013
0 001 317 016
0 001 317 019
0 001 317 022
0 001 317 025
0 001 317 025
0 136 300 007

OPEL ASTRA, VECTRA
VOLKSWAGEN
TRANSPORTER,
GOLF DIESEL
TURBO, CADDY,
JETTA,
VAUXHALL
CHEVROLET KADETT
FORD ESCORT,
GRANADA
AUDI
CITROEN
IVECO

BSX 146

1 007 014 137



4-BS 146

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x10x14

0 001 211 500
0 001 211 505
0 001 211 007
0 001 211 010
0 001 211 011
0 001 211 525
0 001 211 530
0 001 211 038
0 001 211 038

AUDI
VOLKSWAGEN
GOLF
JETTA
PASSAT
POLO
FIAT PANDA, TIPO
FORD CAPRI
ESCORT
GRANADA
TAUNUS
LANCIA Y10

BSX 147

2 007 014 067



4-BS 147

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

10x36x27

0 001 420 001
0 001 420 015
0 001 420 024
0 001 420 029

NISSAN
FIAT TRAKTÖR / TRACTOR
VOLVO KAMYON / TRUCK

BSX 148

2 007 014 070



4-BS 148

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

12x36x27

0 001 410 029 0 001 417 016 0 001 417 036 0 001 417 056
0 001 410 062 0 001 417 017 0 001 417 037 0 001 417 057
0 001 416 001 0 001 417 018 0 001 417 038 0 001 417 058
0 001 416 040 0 001 417 019 0 001 417 039 0 001 417 059
0 001 416 042 0 001 417 020 0 001 417 030 0 001 417 060
0 001 416 077 0 001 417 021 0 001 417 041 0 001 417 061
0 001 417 001 0 001 417 022 0 001 417 042 0 001 417 062
0 001 417 002 0 001 417 023 0 001 417 043 0 001 417 066
0 001 417 003 0 001 417 024 0 001 417 044 0 001 417 063
0 001 417 004 0 001 417 025 0 001 417 045 0 001 417 064
0 001 417 005 0 001 417 026 0 001 417 046 0 001 417 065
0 001 417 006 0 001 417 027 0 001 417 047 0 001 417 067
0 001 417 007 0 001 417 028 0 001 417 048 0 001 417 068
0 001 417 008 0 001 417 029 0 001 417 049 0 001 417 069
0 001 417 009 0 001 417 030 0 001 417 050 0 001 417 070
0 001 417 010 0 001 417 031 0 001 417 051 0 001 417 071
0 001 417 011 0 001 417 032 0 001 417 052 0 001 417 072
0 001 417 012 0 001 417 033 0 001 417 053 0 001 417 073
0 001 417 013 0 001 417 034 0 001 417 054 0 001 417 074
0 001 417 014 0 001 417 035 0 001 417 055

DAF
MERCEDES
MAN
IVECO
SCANIA
VOLVO
KÄSSBOHRER
LEYLAND
RENAULT

Takım Sipariş Kodu / Set Order Code
BSX 149
**1 007 014 139
1 007 014 141
1 007 014 145**

**Özellikler
Properties**
BO 1491
4-BS 149
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x10x14
Motor Numarası / Unit No.

0 001 208 501	0 001 208 702	0 001 211 513
0 001 208 506	0 001 208 705	0 001 211 515
0 001 208 507	0 001 208 706	0 001 211 533
0 001 208 508	0 001 208 707	0 001 211 535
0 001 208 510	0 001 208 708	0 001 211 536
0 001 208 513	0 001 208 709	1 001 711 512
0 001 208 514	0 001 208 710	1 001 711 513
0 001 208 515	0 001 208 711	1 001 711 515
0 001 208 516	0 001 208 712	9 000 333 104
0 001 208 517	0 001 208 713	9 000 333 106
0 001 208 518	0 001 208 715	9 000 333 109
0 001 208 519	0 001 208 717	9 000 333 114
0 001 208 520	0 001 208 718	9 000 333 117
0 001 208 521	0 001 208 719	9 000 333 120
0 001 208 526	0 001 211 512	9 000 333 121
0 001 208 528		

Araç Modeli/Vehicle Model

FIAT PANDA, TIPO, UNO
FORD CAPRI, ESCORT I-II
GRANADA, TAUNUS
LANCIA Y10
VOLKSWAGEN GOLF
PASSAT
JETTA
POLO

AUDI
BSX 151
1 007 014 143

BO 1511
4-BS 151
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7,5x18x17/19

0 001 218 001	0 001 218 127	0 001 218 157	9 000 331 407
0 001 218 029	0 001 218 128	0 001 218 158	9 000 331 408
0 001 218 100	0 001 218 130	0 001 218 160	9 000 331 409
0 001 218 102	0 001 218 131	0 001 218 161	9 000 331 411
0 001 218 103	0 001 218 133	0 001 218 163	9 000 331 412
0 001 218 105	0 001 218 134	0 001 218 164	9 000 331 413
0 001 218 106	0 001 218 136	0 001 218 165	9 000 331 415
0 001 218 108	0 001 218 137	0 001 218 167	9 000 331 417
0 001 218 109	0 001 218 139	0 001 218 168	9 000 331 418
0 001 218 111	0 001 218 140	0 001 218 170	9 000 331 420
0 001 218 113	0 001 218 142	0 001 218 171	9 000 331 421
0 001 218 114	0 001 218 143	0 001 218 173	9 000 331 423
0 001 218 116	0 001 218 145	0 001 218 174	9 000 331 424
0 001 218 117	0 001 218 146	0 001 218 176	9 000 331 425
0 001 218 119	0 001 218 148	0 001 218 177	9 000 331 427
0 001 218 121	0 001 218 149	0 001 218 178	9 000 331 428
0 001 218 122	0 001 218 151	9 000 331 401	9 000 331 430
0 001 218 124	0 001 218 152	9 000 331 402	9 000 331 431
0 001 218 125	0 001 218 154	9 000 331 405	9 000 331 433
	0 001 218 155	9 000 331 406	6 033 AB1 300

VOLKSWAGEN
MERCEDES 190 D, VITO
KAMYON / TRUCK
ALFA ROMEO 155
AUDI 100 D
BMW 324 TD,
7.50i, 8.50i
CITROEN D
FORD D. -FIESTA
MONDEO SCORPIO
OPEL D. FRONTERA
OMEGA
VOLVO
ROVER D
LAND ROVER
FIAT D

BSX 152
1 007 014 144

4-BS 152
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x16x15

0 001 317 014
0 001 317 015
0 001 317 020
0 001 317 021

OPEL ASTRA, VECTRA
VOLKSWAGEN CADDY
JETTA , GOLF
AUDI
CITROEN
FORD GRANADA
VOLKSWAGEN
KAMYON/TRUCK
IVECO

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 154

1 007 014 141
1 007 014 145



4-BS 154

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

0 001 208 501	0 001 208 528	0 001 211 515
0 001 208 506	0 001 208 702	0 001 211 533
0 001 208 508	0 001 208 705	0 001 211 535
0 001 208 510	0 001 208 707	0 001 211 536
0 001 208 513	0 001 208 708	1 001 711 512
0 001 208 514	0 001 208 709	1 001 711 513
0 001 208 516	0 001 208 711	1 001 711 515
0 001 208 517	0 001 208 712	9 000 333 104
0 001 208 519	0 001 208 713	9 000 333 106
0 001 208 520	0 001 208 715	9 000 333 109
0 001 208 521	0 001 208 717	9 000 333 114
0 001 208 526	0 001 208 719	9 000 333 117
	0 001 211 512	9 000 333 120
	0 001 211 513	9 000 333 121

PEUGEOT 405-309-205
AUDI 100-200
CITROEN
RENAULT
VOLKSWAGEN

BSX 156

1 007 014 139



4-BS 156

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x10x14

0 001 208 501	0 001 208 702	0 001 211 513
0 001 208 506	0 001 208 705	0 001 211 515
0 001 208 508	0 001 208 706	0 001 211 533
0 001 208 510	0 001 208 707	0 001 211 535
0 001 208 513	0 001 208 708	0 001 211 536
0 001 208 514	0 001 208 709	1 001 711 512
0 001 208 515	0 001 208 710	1 001 711 513
0 001 208 516	0 001 208 711	1 001 711 515
0 001 208 517	0 001 208 712	9 000 333 104
0 001 208 519	0 001 208 713	9 000 333 106
0 001 208 520	0 001 208 715	9 000 333 109
0 001 208 521	0 001 208 717	9 000 333 114
0 001 208 526	0 001 208 718	9 000 333 117
0 001 208 528	0 001 208 719	9 000 333 120
	0 001 211 512	9 000 333 121

PEUGEOT 405-309-205
AUDI 100 - 200
CITROEN
RENAULT
VOLKSWAGEN

BSX 157-158

1 004 320 110
1 004 320 111



BS 157

BS 158

BO 1582, BO 1584
BO 1585, BO 1586

2-BS 157
2-BS 158

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6x18x13/14,5

0 001 109 001	0 001 109 063	0 001 110 058	0 001 110 114
0 001 109 003	0 001 110 001	0 001 110 059	0 001 110 115
0 001 109 006	0 001 110 005	0 001 110 061	0 001 110 120
0 001 109 007	0 001 110 007	0 001 110 062	0 001 110 122
0 001 109 011	0 001 110 008	0 001 110 064	0 001 110 129
0 001 109 012	0 001 110 009	0 001 110 065	0 001 110 132
0 001 109 014	0 001 110 011	0 001 110 066	0 001 115 001
0 001 109 015	0 001 110 012	0 001 110 068	0 001 115 002
0 001 109 018	0 001 110 014	0 001 110 069	0 001 124 004
0 001 109 023	0 001 110 015	0 001 110 071	0 001 124 015
0 001 109 025	0 001 110 017	0 001 110 073	0 001 125 001
0 001 109 028	0 001 110 019	0 001 110 075	0 001 125 002
0 001 109 029	0 001 110 022	0 001 110 076	0 001 125 005
0 001 109 031	0 001 110 023	0 001 110 078	0 001 125 006
0 001 109 033	0 001 110 025	0 001 110 079	0 001 125 009
0 001 109 034	0 001 110 026	0 001 110 080	0 001 125 010
0 001 109 035	0 001 110 027	0 001 110 082	0 001 125 012
0 001 109 040	0 001 110 029	0 001 110 083	0 001 125 013
0 001 109 041	0 001 110 030	0 001 110 085	0 001 125 016
0 001 109 042	0 001 110 031	0 001 110 088	0 001 125 017
0 001 109 043	0 001 110 033	0 001 110 090	0 001 125 018
0 001 109 044	0 001 110 039	0 001 110 092	0 001 125 019
0 001 109 045	0 001 110 040	0 001 110 095	0 001 125 021
0 001 109 047	0 001 110 042	0 001 110 098	0 001 125 022
0 001 109 048	0 001 110 043	0 001 110 099	0 001 125 501
0 001 109 049	0 001 110 044	0 001 110 100	0 001 125 504
0 001 109 052	0 001 110 046	0 001 110 102	0 001 125 507
0 001 109 055	0 001 110 047	0 001 110 104	0 001 125 508
0 001 109 056	0 001 110 049	0 001 110 105	0 001 125 512
0 001 109 059	0 001 110 051	0 001 110 107	0 001 125 513
0 001 109 060	0 001 110 053	0 001 110 110	0 001 125 517
0 001 109 061	0 001 110 055	0 001 110 111	0 001 125 602
0 001 109 062	0 001 110 056	0 001 110 112	F010 AL0 101

PEUGEOT PARTNER
CITROEN JUMPER
VOLVO
ALFA ROMEO
BMW 5.40, 7.30i
7.35i, 7.40i
FIAT DUNA
MERCEDES VITO
SPRINTER
VOLKSWAGEN
RENAULT MEGANE
CLIO 1.9

Takım Sipariş Kodu / Set Order Code

 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 159-160

 1 004 320 113
1 004 320 114


BS 159

BS 160

 BO 1601, BO 1602
BO 1603

 2-BS 159
2-BS 160

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

5x16x11,5/13

0 001 108 001	0 001 108 079	0 001 108 156
0 001 108 002	0 001 108 081	0 001 108 158
0 001 108 005	0 001 108 083	0 001 108 160
0 001 108 009	0 001 108 085	0 001 108 162
0 001 108 013	0 001 108 087	0 001 108 173
0 001 108 016	0 001 108 089	0 001 108 177
0 001 108 018	0 001 108 091	0 001 108 178
0 001 108 019	0 001 108 093	0 001 108 180
0 001 108 020	0 001 108 094	0 001 108 182
0 001 108 022	0 001 108 096	0 001 108 184
0 001 108 023	0 001 108 098	0 001 108 186
0 001 108 024	0 001 108 100	0 001 108 199
0 001 108 026	0 001 108 103	0 001 108 996
0 001 108 027	0 001 108 105	0 001 108 999
0 001 108 029	0 001 108 107	0 001 111 001
0 001 108 030	0 001 108 108	0 001 111 002
0 001 108 031	0 001 108 110	0 001 111 003
0 001 108 033	0 001 108 112	0 001 111 004
0 001 108 035	0 001 108 115	0 001 111 005
0 001 108 037	0 001 108 117	9 000 694 038
0 001 108 040	0 001 108 119	9 000 694 048
0 001 108 043	0 001 108 121	F 000 AL0 126
0 001 108 044	0 001 108 123	F 002 G20 049
0 001 108 046	0 001 108 125	F 002 G20 052
0 001 108 048	0 001 108 127	F 002 G20 101
0 001 108 050	0 001 108 129	F 002 G20 141
0 001 108 051	0 001 108 131	F 002 G20 449
0 001 108 053	0 001 108 133	F 002 G20 500
0 001 108 054	0 001 108 136	F 002 G20 592
0 001 108 056	0 001 108 137	F 002 G20 639
0 001 108 066	0 001 108 141	F 005 M00 005
0 001 108 068	0 001 108 144	F 005 M00 006
0 001 108 069	0 001 108 146	F 005 M00 010
0 001 108 071	0 001 108 148	F 005 M00 011
0 001 108 073	0 001 108 150	F 005 M00 013
0 001 108 075	0 001 108 152	F 005 M00 016
0 001 108 077	0 001 108 154	F 005 M00 021
		F 010 AL0 103

 BMW
ALFA ROMEO
MERCEDES
FORD
LADA
OPEL
AUDI
VOLVO
ESCORT
MONDEO
TRANSIT 100
FRONTERA
VECTRA
A4, A6, A8

BSX 163-164

 2 007 014 073
2 007 014 076


BS 164

BS 163

BO 1641

 2-BS 163
2-BS 164

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

10x25x15

0 001 367 001	0 001 367 052	0 001 369 002
0 001 367 004	0 001 367 054	0 001 369 005
0 001 367 005	0 001 367 061	0 001 369 006
0 001 367 007	0 001 367 063	0 001 369 007
0 001 367 008	0 001 367 065	0 001 369 012
0 001 367 010	0 001 367 066	0 001 369 013
0 001 367 012	0 001 367 069	0 001 369 015
0 001 367 015	0 001 367 070	0 001 369 017
0 001 367 017	0 001 367 072	0 001 369 019
0 001 367 018	0 001 367 074	0 001 369 021
0 001 367 021	0 001 367 076	0 001 369 023
0 001 367 023	0 001 367 078	0 001 369 025
0 001 367 032	0 001 367 080	0 001 369 200
0 001 367 044	0 001 367 082	0 001 369 201
0 001 367 047	0 001 300 003	9 000 143 416
0 001 367 049		
0 001 367 050		

 FORD
VOLVO
MERCEDES
VOLVO
IVECO
CARGO
KAMYON/TRUCK
KAMYON/TRUCK

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 165

9 003 337 001



4-BS 165

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

7.5x18x17/19

0 001 219 001
0 001 219 003
0 001 219 005
0 001 219 007
0 001 219 009
0 001 219 011
0 001 219 013
0 001 219 015
0 001 219 017
9 000 332 401
9 000 332 402
9 000 332 405
9 000 332 406

MERCEDES G, UNIMOG

BSX 166

1 004 336 217
1 004 336 815
1 004 336 915



BO 1661
BO 1662

4-BS 166

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

5x12x11,6

0 001 112 003
0 001 112 004
0 001 112 006
0 001 112 008
0 001 112 010
0 001 112 012
0 001 112 014
0 001 112 016
0 001 112 019
0 001 112 021
0 001 112 023
0 001 112 025
0 001 112 027
0 001 112 029
0 001 112 032
0 001 112 039

0 001 112 041
0 001 112 044
0 001 112 045
0 001 113 001
0 001 113 002
0 001 113 003
0 001 113 004
0 001 113 005
0 001 113 007
0 001 113 009
0 001 113 011
0 001 113 012
0 001 113 013
0 001 113 014
0 001 113 015
0 001 114 003

0 001 114 004
0 001 114 005
0 001 114 006
0 001 114 008
0 001 114 009
0 001 114 010
0 001 114 014
0 001 114 016
0 001 114 018
0 001 114 020
0 001 114 022
0 001 133 003
0 001 133 004
9 000 081 003
9 000 081 010

ALFA ROMEO 145, 146
AUDI A3
CITROEN BERLINGO
FORD
OPEL VECTRA
PEUGEOT 106, 306
SEAT
VOLKSWAGEN CADDY
GOLF, POLO
VENTO

BSX 170-171

2 007 014 077
2 007 014 085



BS 171

BS 170

BO 1711
BO 1712

2-BS 170
2-BS 171

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

10x25x15

0 001 364 300
0 001 364 301
0 001 364 400
0 001 364 402
0 001 372 001
0 001 372 002
0 001 372 003
0 001 372 004
0 001 372 005
0 001 372 006
0 001 372 007
0 001 372 008

IVECO
DAF
MERCEDES ACTROS

BSX 172-173

2 007 014 079



BS 173

BS 172

2-BS 172
2-BS 173

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

12x36x19

0 001 410 029
0 001 410 062
0 001 416 001
0 001 416 002
0 001 416 004
0 001 416 006
0 001 416 008
0 001 416 010
0 001 416 012
0 001 416 014
0 001 416 016
0 001 416 017
0 001 416 019
0 001 416 022
0 001 416 024
0 001 416 025
0 001 416 027
0 001 416 029
0 001 416 031
0 001 416 033
0 001 416 035
0 001 416 037
0 001 416 039
0 001 416 040

0 001 416 042
0 001 416 043
0 001 416 045
0 001 416 049
0 001 416 051
0 001 416 053
0 001 416 056
0 001 416 057
0 001 416 059
0 001 416 060
0 001 416 062
0 001 416 064
0 001 416 066
0 001 416 068
0 001 416 070
0 001 416 072
0 001 416 074
0 001 416 076
0 001 416 078
0 001 416 080
0 001 417 001
0 001 417 002
0 001 417 004

0 001 417 005
0 001 417 007
0 001 417 010
0 001 417 011
0 001 417 013
0 001 417 014
0 001 417 016
0 001 417 017
0 001 417 020
0 001 417 022
0 001 417 023
0 001 417 027
0 001 417 029
0 001 417 031
0 001 417 033
0 001 417 035
0 001 417 036
0 001 417 038
0 001 417 041
0 001 417 042
0 001 417 043
0 001 417 045
0 001 417 047

0 001 417 048
0 001 417 050
0 001 417 051
0 001 417 053
0 001 417 055
0 001 417 057
0 001 417 059
0 001 417 061
0 001 417 062
0 001 417 064
0 001 417 066
0 001 417 068
0 001 417 069
0 001 417 071
0 001 417 072
0 001 417 074
0 001 417 077
0 001 417 078
0 001 418 004
0 001 418 005
0 001 418 006
0 001 418 008
0 001 418 010

DAF
SCANIA
MERCEDES 111
IVECO
VOLVO

Takım Sipariş Kodu / Set Order Code

BSX 175-176

 1 004 336 219
 1 004 336 309
 1 004 336 444


BS 175

BS 176

**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
**BO 1621, BO 1622
BO 1761, BO 1762
BO 1763**
**2-BS 175
2-BS 176**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

5x12x10,9/11,6

0 001 106 012	0 001 107 032	0 001 107 070	0 001 121 001
0 001 106 014	0 001 107 034	0 001 107 071	0 001 121 002
0 001 106 017	0 001 107 037	0 001 107 073	0 001 121 003
0 001 106 022	0 001 107 038	0 001 107 075	0 001 121 006
0 001 106 024	0 001 107 040	0 001 107 077	0 001 121 007
0 001 107 009	0 001 107 043	0 001 107 078	0 001 121 008
0 001 107 010	0 001 107 045	0 001 107 080	0 001 121 009
0 001 107 012	0 001 107 046	0 001 107 082	0 001 121 016
0 001 107 014	0 001 107 048	0 001 107 087	0 001 121 017
0 001 107 017	0 001 107 052	0 001 107 088	0 001 121 019
0 001 107 019	0 001 107 054	0 001 107 090	0 001 121 022
0 001 107 024	0 001 107 056	0 001 107 094	0 001 121 023
0 001 107 025	0 001 107 058	0 001 107 095	9 000 081 001
0 001 107 026	0 001 107 059	0 001 107 096	9 000 081 004
0 001 107 028	0 001 107 062	0 001 107 097	9 000 081 006
0 001 107 030	0 001 107 064	0 001 107 098	9 000 081 007

AUDI	A4, A6
CITROEN	
FIAT	DUCATO
FORD	ESCORT
	MONDEO
OPEL	VECTRA
PEUGEOT	306, 406
	BOXER
	PARTNER
SEAT	CORDOBA
	IBIZA
	TOLEDO
SKODA	OCTAVIA
VOLKSWAGEN	POLO
	GOLF, JETTA

BSX 177

2 007 014 082


BO 1771
4-BS 177

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

9x36x18

0 001 371 004	0 001 371 015
0 001 371 005	0 001 371 016
0 001 371 006	0 001 371 017
0 001 371 007	0 001 371 018
0 001 371 008	0 001 371 019
0 001 371 009	0 001 371 020
0 001 371 010	9 000 453 064
0 001 371 012	9 000 453 065
0 001 371 013	9 000 453 068
0 001 371 014	

MERCEDES	AXOR
	ACTROS
SCANIA	
DAF	

BSX 178-179

2 007 014 080



BS 178

BS 179

**2-BS 178
2-BS 179**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

12x36x19

0 001 418 001
0 001 418 002
0 001 418 003
0 001 418 009
0 001 418 012
0 001 418 014
0 001 418 015
0 001 418 017

FORD	TAUNUS
MERCEDES	UNIMOG
VOLVO	

BSX 180-181

2 007 014 081



BSX 181

BSX 180

**2-BS 180
2-BS 181**

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

12x36x19

0 001 418 016

MAGIRUS

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 182-183

1 004 320 161
1 004 320 162



BSX 183

BSX 182

2-BS 182
2-BS 183

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6x20x13/14,5

0 001 124 018
0 001 124 019

VOLKSWAGEN

AUDI LUPU
A2, 1,2, TDI
3L

BSX 184-185

1 004 320 163
1 004 320 164



BS 185

BS 184

BO 1851

2-BS 184
2-BS 185

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4,6x12x10,5/11,2

0 001 107 401
0 001 107 402
0 001 107 403
0 001 107 404
0 001 107 406
0 001 107 407
0 001 107 410
0 001 107 411
0 001 107 415

OPEL

CORSA
COMBO
ASTRA
SPRINTER
214, 314

AUDI

FORD

FIAT

FOCUS
ALBEA
DOBLO

BSX 186

2 007 014 017
2 004 320 176
2 004 320 178



4-BS 186

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

12 x 40 x 27

0 001 510 001 0 001 510 021 0 001 510 033
0 001 510 002 0 001 510 022 0 001 510 034
0 001 510 003 0 001 510 023 0 001 510 035
0 001 510 005 0 001 510 024 0 001 510 036
0 001 510 008 0 001 510 025 0 001 510 038
0 001 510 009 0 001 510 026 0 001 510 039
0 001 510 010 0 001 510 027 0 001 510 040
0 001 510 017 0 001 510 028 0 001 510 041
0 001 510 018 0 001 510 030 0 001 512 001
0 001 510 019 0 001 510 031 0 001 512 002
0 001 510 020 0 001 510 032

BSX 190-191

9 003 334 359
9 003 334 360



BS 190

BS 191

BO 1911

2-BS 190
2-BS 191

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

6,4x25x15,4/16,4

0 001 231 001 0 001 231 012 0 001 231 028
0 001 231 002 0 001 231 013 0 001 231 029
0 001 231 003 0 001 231 014 0 001 231 030
0 001 231 004 0 001 231 016 0 001 231 032
0 001 231 005 0 001 231 017 0 001 231 033
0 001 231 006 0 001 231 018 0 001 231 035
0 001 231 007 0 001 231 019 0 001 231 036
0 001 231 008 0 001 231 023 0 001 231 038
0 001 231 009 0 001 231 024 0 001 231 039
0 001 231 010 0 001 231 026
0 001 231 011 0 001 231 027

MERCEDES

ATEGO
CITARO
VARIO

MAN

Takım Sipariş Kodu / Set Order Code

 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 192-193

 6 033 ADO 011
6 033 ADO 012


BS 193

BS 192

BO 1931
2-BS 192
2-BS 193

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6x22x13/15

0 001 223 001	0 001 223 501	0 001 218 735
0 001 223 002	0 001 223 502	0 001 218 738
0 001 223 003	0 001 223 503	0 001 218 740
0 001 223 004	0 001 223 504	0 001 218 742
0 001 223 005	0 001 223 505	0 001 218 754
0 001 223 006	0 001 223 506	0 001 218 757
0 001 223 007	0 001 223 507	0 001 218 759
0 001 223 008	0 001 218 602	0 001 218 763
0 001 223 009	0 001 218 620	0 001 218 768
0 001 223 010	0 001 218 703	0 001 218 770
0 001 223 011	0 001 218 710	0 001 218 774
0 001 223 012	0 001 218 712	0 001 218 776
0 001 223 013	0 001 218 715	0 001 218 777
0 001 223 014	0 001 218 716	0 001 218 805
0 001 223 016	0 001 218 719	0 001 218 808
0 001 223 018	0 001 218 721	0 001 218 809
0 001 223 019	0 001 218 725	0 001 218 812
0 001 223 021	0 001 218 728	0 001 218 814
0 001 223 500	0 001 218 730	0 001 218 822

PEUGEOT PARTNER

BSX 194-195

 9 003 334 361
9 003 334 362


BS 194

BS 195

BO 1951
2-BS 194
2-BS 195

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7,5x27x15,4/16,4

0 001 230 001
0 001 230 007
0 001 230 008
0 001 230 009
0 001 230 010
0 001 230 014
0 001 230 018
0 001 230 020
0 001 230 021
0 001 230 022
0 001 230 023
0 001 230 024
0 001 230 026
0 001 230 027

MERCEDES
BSX 196

1 004 320 158


BO 1961
BO 1962
4-BS 196

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

5x8,5x10,5/11,5

0 001 116 001
0 001 116 003
0 001 116 004
0 001 116 005
0 001 116 006
0 001 116 008
0 001 116 009

CITROEN SAXO
XSARA
BERLINGO
PEUGEOT 206, 306
PARTNER

BSX 197

2 007 014 072


BO 1971
4-BS 197

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

9x36x18

0 001 370 001
0 001 370 002
0 001 370 003
0 001 370 004
9 000 453 029
9 000 453 066
9 000 453 067

MERCEDES
VOLKSWAGEN

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 198-199

2 004 320 163
2 004 320 164



BS 198

BS 199

BO 1991

0 001 368 083

DAF
LEYLAND

2-BS 198
2-BS 199

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

8x25x13

BSX 200-201

1 004 320 175
1 004 320 176



BS 201

BS 200

BO 2011, BO 2012
BO 2013

0 001 109 057
0 001 109 058
0 001 109 059
0 001 109 060
0 001 109 068
0 001 109 202
0 001 109 205
0 001 109 250
0 001 109 302
0 001 109 303
0 001 109 304
0 001 109 305
0 001 109 340
0 001 109 341
0 001 110 071
0 001 110 072

AUDI
VOLKSWAGEN
SEAT
SKODA 1.9 TDI

2-BS 200
2-BS 201

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6x18x12,7/14,2

BSX 202-203

6 033 ADO 263
6 033 ADO 264



BS 202

BS 203

2-BS 202
2-BS 203

0 001 330 004
0 001 330 007
0 001 330 008
0 001 330 011
0 001 330 012
0 001 330 013
0 001 330 017
0 001 330 501
0 001 330 502
0 001 340 501
0 001 340 502
0 001 340 503

MAN
SCANIA
VOLVO
FORD CARGO
REDÜKTÖRLÜ MARŞLAR /
WITH REDUCER STARTER

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

9x32x23

BSX 204-205

1 004 320 177
1 004 320 178



BS 204

BS 205

BO 2051

0 001 120 400 0 001 120 410
0 001 120 401 0 001 120 411
0 001 120 402 0 001 106 403
0 001 120 403 0 001 106 404
0 001 120 404 0 001 106 405
0 001 120 405 0 001 106 406
0 001 120 406 0 001 106 407
0 001 120 407 0 001 106 409
0 001 120 408 0 001 106 410
0 001 120 409

AUDI A2
SEAT CORDOBA, IBIZA
SKODA FABIA
VOLKSWAGEN
BORA
FOX, GOLF, POLO

2-BS 204
2-BS 205

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4,6x10x12,0/12,7

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
BSX 206-207

6 033 AD5 097
6 033 AD5 098
6 033 AD5 126
6 033 AD5 127
6 033 AD5 312
6 033 AD5 313


BS 206
BS 207

2-BS 206
2-BS 207

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6.35x27.77x18

0 001 106 407 P230
0 001 106 407 P270
0 001 241 001 P310
1447911 P340
P380
P420
P470
R340
R380
R420
R470
T340
T380
T420
T470

SCANIA

BSX 210-211

1 004 320 179
1 004 320 180


BS 210
BS 211

BO 2111

2-BS 210
2-BS 211

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4,6x16x11,5/12,2

0 001 108 400
0 001 108 401
0 001 108 402
0 001 108 403
0 001 108 404
0 001 108 408
0 001 108 409
0 001 108 410
0 001 108 411
0 001 108 412
0 001 108 420
0 001 108 421
0 001 108 445
0 001 108 446

CITROEN

BERLINGO 2.0 HDI

MERCEDES

C/CLK/E 200, 270

BSX 212-213

1 004 320 183
1 004 220 184


BS 212
BS 213

BO 2131
BO 2132

2-BS 212
2-BS 213

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

5x16x11,5/13

0 001 108 200 0 001 108 220
0 001 108 201 0 001 108 221
0 001 108 202 0 001 108 222
0 001 108 203 0 001 108 223
0 001 108 204 0 001 108 224
0 001 108 206 0 001 108 225
0 001 108 207 0 001 108 228
0 001 108 208 0 001 108 229
0 001 108 209 0 001 108 230
0 001 108 211 0 001 108 231
0 001 108 212 0 001 108 234
0 001 108 213 0 001 108 237
0 001 108 214 0 001 108 238
0 001 108 217 0 001 108 239
0 001 108 218 0 001 108 240

ALFA ROMEO

147, 156 1.9 JTD

FIAT

MAREA, PALIO

PUNTO, STILO

STRADA 1.9 JTD

LANCIA

LYBRA

1.9 JTD

BMW

545i, 645Ci

COUPE, X5 4.4i

BSX 214-215

1 004 320 185
1 004 320 186


BS 215
BS 214

BO 2151

2-BS 214
2-BS 215

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6x18x11/12,5

0 001 115 008 0 001 115 050
0 001 115 021 0 001 115 051
0 001 115 025 0 001 115 052
0 001 115 039 0 001 115 054
0 001 115 040 0 001 115 070
0 001 115 041 0 001 115 071
0 001 115 045 0 001 115 072
0 001 115 047 0 001 115 073
0 001 115 048

AUDI

A3 1.9, 2.0, 2.5,

TDI, A8

SEAT

CORDOBA 1.4

VOLKSWAGEN

GOLF V, 1.9

2.0, TDI,

TOUAREG 3.2

TOURAN 2.0

TDI,

TRANSPORTER T5

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 216-217

6 033 AD5 177
6 033 AD5 178
6 033 AD5 314
6 033 AD5 315



BS 217

BS 216

BO 2171

0 001 231 036
0 001 231 039
0 001 231 040
0 001 231 041
0 001 241 003
0 001 241 005
0 001 241 006
0 001 241 007
0 001 241 009
0 001 241 014
0 001 241 015
0 001 241 019
0 001 241 003

2-BS 216
2-BS 217

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

5.35x27.77x18

SCAINA P/G/R/T SERIES
DAF
MERCEDES
AXOR, ATEGO

BSX 218-219

1 004 320 230
1 004 320 231



BS 219

BS 218

BO 2191
BO 2192

0 001 107 103
0 001 107 104
0 001 107 105
0 001 107 106
0 001 121 024
0 001 121 025
0 001 121 026
0 001 121 027
0 001 121 028
0 001 121 029
0 001 121 030
0 001 121 031

2-BS 218
2-BS 219

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

5x12x10,6/11,6

SEAT CORDOBA
IBIZA
VOLKSWAGEN
CADDY, GOLF
LUPO, POLO
CLASSIC
VENTO

BSX 220-221

1 004 320 208
1 004 320 209



BS 220

BS 221

2-BS 220
2-BS 221

0 001 109 064 0 001 109 302 0 001 124 022 0 001 125 055
0 001 109 065 0 001 109 303 0 001 124 027 0 001 125 056
0 001 109 066 0 001 109 304 0 001 125 003 0 001 125 511
0 001 109 067 0 001 109 305 0 001 125 004 0 001 125 514
0 001 109 069 0 001 109 306 0 001 125 007 0 001 125 517
0 001 109 070 0 001 109 307 0 001 125 008 0 001 125 522
0 001 109 205 0 001 110 086 0 001 125 025 0 001 125 600
0 001 109 258 0 001 110 087 0 001 125 031 0 001 125 601
0 001 109 259 0 001 110 118 0 001 125 032 0 001 125 605
0 001 109 260 0 001 110 119 0 001 125 035 0 001 125 606
0 001 109 261 0 001 110 130 0 001 125 036 0 001 125 607
0 001 109 262 0 001 110 131 0 001 125 039 0 001 125 608
0 001 109 263 0 001 110 133 0 001 125 040 F 000 AL0 111
0 001 109 264 0 001 110 134 0 001 125 042 F 004 A94 008
0 001 109 265 0 001 110 136 0 001 125 043 F 004 A94 008
0 001 109 266 0 001 110 137 0 001 125 046 R78-L35
0 001 109 267 0 001 110 138 0 001 125 047 R78-M28
0 001 109 269 0 001 110 139 0 001 125 048 R78-M35
0 001 109 271 0 001 124 001 0 001 125 049 R78-M45
0 001 109 272 0 001 124 008 0 001 125 051 R78-M55
0 001 109 274 0 001 124 011 0 001 125 052 R78-L30
0 001 109 300 0 001 124 013 0 001 125 053 R78-L35L
0 001 109 301 0 001 124 014 0 001 125 054 R78-SW28

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6x18x14.2/15.7

BSX 222-223

2 004 320 264
2 004 320 265



BS 222

BS 223

2-BS 222
2-BS 223

0 001 260 001
HX-95L

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6,35x27.77x18.2

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
BSX 224-225
**6 033 AD3 260
6 033 AD3 261**

BS 224
BS 225
**2-BS 224
2-BS 225**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
6,35x27,77x18

0 001 230 001	0 001 230 017
0 001 230 002	0 001 230 018
0 001 230 003	0 001 230 019
0 001 230 004	0 001 230 020
0 001 230 005	0 001 230 021
0 001 230 006	0 001 230 022
0 001 230 007	0 001 230 023
0 001 230 008	0 001 230 024
0 001 230 009	0 001 230 026
0 001 230 010	0 001 230 027
0 001 230 011	0 001 230 028
0 001 230 012	0 001 230 029
0 001 230 013	0 001 230 030
0 001 230 014	HEF95-M
0 001 230 015	
0 001 230 016	

BSX 228-4
1 004 320 244

BO 2281
4-BS 228
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
5.25x18x12.7x14.2

0 001 139 021
0 001 139 022
0 001 139 037
0 001 139 038

BSX 228-6
1 004 320 244

BO 2281
6-BS 228
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
5.25x18x12.7x14.2

0 001 139 001
0 001 139 002
0 001 139 005
0 001 139 006
0 001 139 015
0 001 139 016

BSX 228-243
**1 004 320 244
1 004 320 261**

BSX 228
BSX 243
**3-BS 228
3-BS 243**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
5,25X18X12,7/14,2

0 001 139 017	0 001 149 400	0 001 149 416	642 906 09 00
0 001 139 020	0 001 149 401	0 001 149 417	642 906 10 00
0 001 139 023	0 001 149 402	0 001 149 418	642 926 10 00
0 001 139 024	0 001 149 403	0 001 149 419	651 906 11 00
0 001 139 031	0 001 149 404	0 001 149 420	651 906 12 00
0 001 139 032	0 001 149 405	56029626AA	651 906 24 00
0 001 139 043	0 001 149 406	5602967AA	651 906 28 00
0 001 139 044	0 001 149 407	500 457 26	651 906 43 00
0 001 139 065	0 001 149 408	11000-DA	9678 690 180
0 001 139 066	0 001 149 409	11000-DB	059 911 021 F
0 001 139 075	0 001 149 412	11000-DC	059 911 021 FX
0 001 139 076	0 001 149 413	11000-EA	03L911 021 E
0 001 139 085	0 001 149 414	11000-EB	03L911 021 G
0 001 139 086	0 001 149 415	642 906 08 00	03L911 021 GX

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 229-230

1 004 320 245
1 004 320 246



BS 229

BS 230

BO 2301
BO 2302

2-BS 229
2-BS 230

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4.6x16x12.3/13.8

0 001 138 001
0 001 138 002
0 001 138 003
0 001 138 004
0 001 138 005
0 001 138 006
0 001 138 009
0 001 138 010
0 001 138 012
0 001 138 014
0 001 138 015
0 001 138 016
0 001 138 018
0 001 138 029
0 001 138 030

BMW MODELS 1+3 GAS
START/STOP
BMW MINI GAS,
COOPER DIESEL
START/STOP

BSX 231-232-215



1-BS 215
1-BS 231
2-BS 232

Gerilim / Voltage
(Volt)

12

Ölçü /
Dimension
(mm)

6,0X18X11 / 12,5

1 004 320 229 0 001 123 002 012 911 023 CX
1 004 320 249 0 001 123 003 012 911 023 E
1 004 320 250 0 001 123 012 012 911 023 F
0 001 108 203 0 001 123 013 02E 911 023 H
0 001 115 005 0 001 123 014 02E 911 023 HX
0 001 115 006 0 001 123 016 02E 911 023 L
0 001 115 008 0 001 123 018 02E 911 023 LX
0 001 115 015 0 001 123 020 02M 911 023 P
0 001 115 020 0 001 123 021 02M 911 023 PX
0 001 115 023 0 001 123 026 02M 911 024 A
0 001 115 025 0 001 123 027 02M 911 024 AX
0 001 115 031 0 001 123 029 02M 911 024 X
0 001 115 032 0 001 123 036 02T 911 024 X
0 001 115 035 0 001 123 037 02Z 611 023 F
0 001 115 039 0 001 123 039 02Z 611 023 FX
0 001 115 042 0 001 123 044 02Z 611 023 N
0 001 115 045 0 001 123 045 02Z 611 023 NX
0 001 115 054 R74-E20 03L 911 021 C
0 001 115 056 R74-L10 03L 911 021 CX
0 001 115 057 R74-E25 03L 911 021 F
0 001 115 068 R74-E35 03L 911 021 FX
0 001 115 085 RF74-E25 03L 911 021 H
0 001 115 088 RF74-E45 03L 911 021 FX
0 001 115 089 518 329 49 03L 911 021 X
0 001 115 092 558 329 49 03R 911 023 A
0 001 115 093 006 151 74 01 03R 911 023 B
0 001 115 096 006 151 75 01 07C 911 023 E
0 001 115 101 636 151 02 01 07C 911 023 EX
0 001 115 103 956 604 107 00 0AH 911 023 B
0 001 115 111 012 911 023 C 0AH 911 023 BX

BSX 233 (4)

1 004 320 251



4-BS 233

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4.6x14.0x12.3
/ 13.8

S74- start/stop starters

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
BSX 233 (6)
1 004 320 251

BO 2331

S74-M start/stop starters replaced by BSX 236 overload protection start/stopstarters

**Alfa
FIAT
Mercedes Benz
Opel**
6-BS 233

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

**4.6x14.0x12.3
/ 13.8**
BSX 234-235
**1004 320 254
1004 320 253**

BS 234
BS 235
BO 2351

 0 001 145 001
0 020 145 001
0 020 145 002
SF78-M

**AUDI
VW**
**3-BS 234
3-BS 235**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

5.25x18x12.7/14.2
BSX 235-228-243
**1 004 320 253
1 004 320 244
1 004 320 261**

BS 243
BS 228
BS 235
**2-BS 228
2-BS 235
2-BS 243**

 1 004 320 244
1 004 320 253
1 004 320 261
0 001 139 045
0 001 139 046
0 001 139 049
0 001 139 050
0 001 139 053
0 001 139 054
S78-M
059 911 021 H
059 911 021 HX
059 911 021 J
059 911 021 JX
07L 911 021 X

**AUDI - A8 6.3L 2011 ->
0 001 139
045,046,049,050,053,054
S78-M 12V(R) 2.0 kw
overload protection start/
stop starters VW 059 911
021 H,-HX,-J,-JX
07L 911 021,-X**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

5.25x18x12.7/14.2
BSX 238
1 004 320 257

4-BS 238

 0 001 153 500
0 001 153 501
SFL74-E

MERCEDES BENZ

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

**4.6x19.5x12.3
/ 13.8**

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 239-240

1 004 320 266
1 004 320 267



BS 239

BS 240

2-BS 239
2-BS 240

HX95-M
HX95-L

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6,35x27.77x18.2

BSX 241-242

1 004 320 268
1 004 320 269



BS 241

BS 242

2-BS 241
2-BS 242

0 001 261 008
0 001 261 012
HX95-M
HXF95-L

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

6,35x27.77x18.2

BSX 244

1004 320 282



4-BS 244

0 001 153 007
0 001 153 008
0 001 153 009
0 001 153 010
0 001 153 015
0 001 153 016

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4.6x19.5x12.3/13.8

VW Family start/stop starters
Audi A1/A3/Q3/S1
1.6/2.0 TDI
SEAT Alhambra / Altea/
Ibiza / Leon
1.6/2.0 TDI
Skoda Fabia/Roomster/
Superb/Yeti
1.2/1.6 TDI
VW Caddy/Eos/Golf VI/
Passat 1.6/2.0 TDI

BSX 245

1 004 320 264



4-BS 245

0 001 148 003
0 001 148 004
0 001 148 009
0 001 148 010
0 001 148 015
0 001 148 016
0 001 148 019-026
0 001 148 029
0 001 148 030
0 001 148 033
0 001 148 034
0 001 153 013
0 001 153 014
0 001 153 019-022

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4.45x19.5x12.3/13.8

BMW 12 41 7 838 020
12 41 7 843 526,530
12 41 8 506 657
12 41 8 509 198
12 41 8 515 795,900
12 41 8 570 238,239
OPEL 555 720 65
1202216
VW 2H0 911 023 H,
-K,-KX
3R0 911 023 C,-C
start/stop starters

Takım Sipariş Kodu / Set Order Code
BSX 247
**1 004 320 255
1 004 320 325**
YENİ / NEW

**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
6-BS 247

0 001 138 013
0 001 147 420
0 001 147 421
0 001 147 430
0 001 147 431
0 001 147 432
0 001 147 433

Gerilim / Voltage
(Volt)

12

Ölçü / Dimen-
sion (mm)

4,5x14x13,8
BSX 253
**1 004 320 308
1 004 320 327
1 004 320 328
1 004 320 337**

6-BS 253

0 001 170 400-403,406,407,410,411
600,601,604,605,624,625, 628,629,640,641
0 001 172 400,401,604,605
0 001 180 602,603
SC70-S 12V(R)
SCL70-M,-S 12V(R)
SCL70-MX 12V(R)

Gerilim / Voltage
(Volt)

12

Ölçü / Dimen-
sion (mm)

4,5x14x13/11,5
BMW
Chrysler 56029 640AA
FIAT 519 161 68-70
519 384 39
519 756 77
552 545 83
Ford FS51-11000-AA,-BA
GV6T-11000-AA
GV6Z-11002-A
1881471
Nissan 23300-0379R
23300-7224R
Opel 5559 149223 30 003
Renault 79R 23
30 048 68R
23 30 072 24R

K 023

6-K023

0001170629
0001174600
0001174601

Gerilim / Voltage
(Volt)

12

Ölçü / Dimen-
sion (mm)

4,5x14x13/11,5
**RENAULT MEGANE III
SCENIC III
BOSCH TYP 6 KOHLE
VW
AUDI
SEAT 170 SR.
START - STOP**
K 025
**1 004 339 000
1 004 339 005
1 004 339 020**
YENİ / NEW

BO 0251

0001192008
0001192009
0001192046
0001192047
0001192068
0001192069
0001192080
0001192081
0001192083
0001192086
0001192087
0001194019
F000C60299
F000C60300
STB2505BA
STB9450BA

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4,5x14x13,8/12,3
OPEL Astra J 1.4L

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

CHX 4

2 275 249

**2-CH 4**2275550
2932812
3837328
3855247
3874345DODGE
DESOTO
CHRYSLERGerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8,8x17,6x13****CHX 6****2-CH 6**1846633
1889055
2525529DODGE
DESOTO
CHRYSLERGerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8,8x17,6x13****ASX 13**606 81
606817
606826**4-AS 13**CA4512
CA45C12
CA45LC12
CA45D12DODGE
BMC
COMMER
LEYLANDGerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**9x20x26**

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
RX 55
**1 906 902
1 906 909**

4-R 55

 Gerilim / Voltage
(Volt)

12/24/32

 Ölçü / Dimension
(mm)

9,5x19,05x13,5

 1874852
1906902
1906909
1906936
D756

**CATERPILLAR
IHC
TÜRK TRAKTÖR**
RX 60
**1 906 945
1 906 966**

4-R 60

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6,3x19,05x16

1107201	1107674	1107732	1107790	1107848
1107619	1107675	1107733	1107791	1107849
1107620	1107676	1107734	1107792	1107850
1107621	1107677	1107735	1107793	1107851
1107622	1107678	1107736	1107794	1107852
1107623	1107679	1107737	1107795	1107853
1107624	1107680	1107738	1107796	1107854
1107625	1107681	1107739	1107797	1107855
1107626	1107682	1107740	1107798	1107856
1107627	1107683	1107741	1107799	1107857
1107628	1107684	1107742	1107800	1107858
1107629	1107685	1107743	1107801	1107859
1107630	1107686	1107744	1107802	1107860
1107631	1107687	1107745	1107803	1107861
1107632	1107688	1107746	1107804	1107862
1107633	1107689	1107747	1107805	1107863
1107634	1107690	1107748	1107806	1107864
1107635	1107691	1107749	1107807	1107865
1107636	1107692	1107750	1107808	1107866
1107637	1107693	1107751	1107809	1107867
1107638	1107694	1107752	1107810	1107868
1107639	1107695	1107753	1107811	1107869
1107640	1107696	1107754	1107812	1107870
1107641	1107697	1107755	1107813	1107871
1107642	1107698	1107756	1107814	1107872
1107643	1107699	1107757	1107815	1107873
1107644	1107700	1107758	1107816	1107874
1107645	1107701	1107759	1107817	1107875
1107646	1107702	1107760	1107818	1107876
1107647	1107703	1107761	1107819	1107877
1107648	1107704	1107762	1107820	1107878
1107649	1107705	1107763	1107821	1107879
1107650	1107706	1107764	1107822	1107880
1107651	1107707	1107765	1107823	1107881
1107652	1107708	1107766	1107824	1107882
1107653	1107709	1107767	1107825	1107883
1107654	1107710	1107768	1107826	1107884
1107655	1107711	1107769	1107827	1107885
1107656	1107712	1107770	1107828	1107886
1107657	1107713	1107771	1107829	1107887
1107658	1107714	1107772	1107830	1107888
1107659	1107715	1107773	1107831	1107889
1107660	1107716	1107774	1107832	1107890
1107661	1107717	1107775	1107833	1107891
1107662	1107718	1107776	1107834	1107892
1107663	1107719	1107777	1107835	1107893
1107664	1107720	1107778	1107836	1107894
1107665	1107721	1107779	1107837	1108284
1107666	1107722	1107780	1107838	1108300
1107667	1107723	1107781	1107839	1108301
1107668	1107724	1107782	1107840	1108302
1107669	1107725	1107783	1107841	1108303
1107670	1107726	1107784	1107842	1108305
1107671	1107727	1107785	1107843	1108304
1107672	1107728	1107786	1107844	1108306
1107673	1107729	1107787	1107845	1108307
	1107730	1107788	1107846	1108390
	1107731	1107789	1107847	1109439
				1199829

**CHEVROLET
IHC
GMC
BUICK**

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

RX 69

1 906 988



4-R 69

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

9,5x19,05x19

111 3484 111 4098
111 3582 111 4109
111 3693 111 4145
111 4052 111 4163
111 4055 111 4175
111 4070 111 4176
111 4074 111 4191
111 4076 111 4197
111 4087 111 4702
111 4091 111 4757
111 4765

JOHN DEERE
IHC
MACK
CHEVROLET

RX 70

1 906 986



4-R 70

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

9,5x19,05x19

111 3818
111 3824
111 3831
111 3842
111 3849
111 3850
111 3855
111 3856
111 3872
111 3898
111 3905
111 3914
111 3917
111 4051
111 4168
111 4711
111 4759

JOHN DEERE
IHC
MACK
CHEVROLET

RX 87

1 906 958
1 906 962
190968
190987



BS 87A

BS 87B

2-R 87 A
2-R 87 B

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

9,5x19,05x19

190968 111 3205 111 3652
190987 111 3210 111 3653
111 3089 111 3242 111 3655
111 3090 111 3261 111 3657
111 3135 111 3262 111 3661
111 3139 111 3534 111 3672
111 3148 111 3535 111 3683
111 3162 111 3626 111 3690
111 3163 111 3633 111 3695
111 3190 111 3639 111 4661
111 3197 111 3640 111 4671
111 3641 111 4672
111 3647

IHC
DODGE,
MACK, AS 600,
ALL, CHAL

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
RX 92
**1 906 918
1 906 989**

4-R 92
**Gerilim / Voltage
(Volt)**
24
**Ölçü / Dimension
(mm)**
7,9x19,05x19

1109961	1109976	1109993	1109220 642
1109962	1109977	1109994	1109220 643
1109963	1109978	1109995	1109220 648
1109964	1109979	1109996	1109220 773
1109965	1109980	1109997	1109220 779
1109966	1109981	1109998	1109220 840
1109967	1109982	1109220 1221	1109220 842
1109968	1109983	1109220 1224	1109220 961
1109969	1109984	1109220 1274	1109220 965
1109970	1109985	1109220 274	1109220 969
1109971	1109986	1109220 275	1109220 970
1109972	1109987	1109220 297	1109220 971
1109973	1109988	1109220 626	1109220 979
1109974	1109989	1109220 628	1109220 986
1109975	1109990	1109220 632	1109220 989
	1109991	1109220 635	1109220 998
	1109992	1109220 637	

CATERPILLAR
RX 120/0 (2)
3 471 625

**1-R 120/0 KISA
1-R 120/0 UZUN**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
6x16x14
**3 471 625
3471150**
OPEL
CORSA
ASCONA
MANTA
VOYAGE

RX 120/0 (4)
**3 471 783
3 471 834**

**3-R 120/0 KISA
1-R 120/0 UZUN**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
6x16x14
**3 471 155
3 471 169
3 471 170
3 471 173
3 471 174
3 471 175
3 471 176**
OPEL
CORSA
ASCONA
MANTA,
VOYAGE

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

RX 120 (2)

3 471 506

1-R 120 KISA
1-R 120 UZUN

3471143

OPEL

CORSA
ASCONA
MANTA
VOYAGEGerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6x16x14

RX 120 (4)

3 471 505

3-R 120 KISA
1-R 120 UZUN3 471 141
3 471 142
3 471 143
3 471 144

OPEL

CORSA
ASCONA
MANTA
VOYAGEGerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6x16x14

RX 122

1 852 884



4-R 122

111 4825
111 4836
111 4881
111 4908
111 4920
199 0218
199 0325
40 MT 400
40 MT 450CATERPILLAR
MACK
VOLVO
FORDGerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

9,5x38,1x21,4

Takım Sipariş Kodu / Set Order Code
RX 122 H
1 852 883

**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
4-R 122
**Gerilim / Voltage
(Volt)**
24/32
**Ölçü / Dimen-
sion (mm)**
9,5x38,2x21,4

10451047	1114688	1114850	1114915	1114996
10461046	1114707	1114851	1114916	1114999
10461047	1114710	1114852	1114921	1990201
10461047	1114719	1114853	1114922	1990202
10461059	1114722	1114854	1114923	1990210
10461107	1114723	1114855	1114925	1990213
10461107	1114725	1114856	1114926	1990214
10461178	1114726	1114857	1114927	1990215
10461178	1114748	1114858	1114928	1990216
10461179	1114749	1114859	1114929	1990217
10461179	1114750	1114860	1114930	1990219
10461242	1114751	1114861	1114931	1990221
10461242	1114753	1114862	1114932	1990279
1113859	1114755	1114863	1114933	1990296
1113860	1114756	1114864	1114935	1990297
1113865	1114759	1114865	1114936	1990303
1113869	1114760	1114866	1114941	1990307
1113877	1114762	1114867	1114943	1990323
1113878	1114763	1114868	1114945	1990324
1113889	1114767	1114869	1114947	1990328
1113899	1114769	1114869	1114948	1990340
1113908	1114772	1114870	1114949	1990343
1113911	1114786	1114871	1114950	1990346
1113921	1114788	1114872	1114951	1990482
1113927	1114789	1114873	1114952	1993700
1113939	1114790	1114874	1114953	1993704
1113945	1114795	1114875	1114957	
1113953	1114797	1114876	1114958	
1113954	1114798	1114877	1114959	
1113979	1114799	1114878	1114960	
1114055	1114800	1114879	1114961	
1114058	1114801	1114880	1114963	
1114072	1114803	1114883	1114964	
1114086	1114805	1114885	1114967	
1114088	1114813	1114889	1114968	
1114090	1114816	1114891	1114969	
1114112	1114830	1114892	1114970	
1114115	1114832	1114893	1114971	
1114119	1114834	1114896	1114972	
1114126	1114836	1114897	1114973	
1114128	1114839	1114898	1114974	
1114133	1114840	1114901	1114977	
1114140	1114841	1114903	1114979	
1114148	1114842	1114904	1114981	
1114157	1114843	1114905	1114982	
1114165	1114844	1114907	1114985	
1114172	1114845	1114909	1114987	
1114189	1114846	1114910	1114989	
1114194	1114847	1114911	1114990	
1114682	1114848	1114913	1114993	
1114687	1114849	1114914	1114995	

**CATERPILLAR
MACK
VOLVO
FORD**
RX 124
1 852 887

6-R 124
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7,9x38,1x20,6

10478911
199 0227
199 0231
199 0233
199 0236
199 0244
199 0265
199 0269
199 3798
199 3847
50 MT 400

**CATERPILLAR
CUMMINS
MACK
VOLVO
FORD**

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

RX 124 H

1 852 888

**6-R 124 H**50 MT 400
111 4683
111 4684
111 4686
111 4689Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**7,9x38,1x20,6**CATERPILLAR
CUMMINS
KOMATSU
MACK
VOLVO**RX 134**

1 852 892

**DR 1341**10478802
10478803
10478824
10478894
199 0337
199 0348
199 0349
199 0352
199 0354
199 0358
199 0363
199 0365
199 0374
199 0375
199 0377
199 0379
199 0386
199 0398
199 3400
199 3420
199 3431
199 3468
199 3470
199 3483
199 3484
199 3489
199 3824
199 3935
199 3937
199 3942
199 3975
199 3977
199 3984
42 MT**4-R 134**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**10,5x36,6x24,4**BMC FATİH KAMYON /
TRUCK
CATERPILLAR**RX134 H**

1 852 894

**DR 1342**10478836
10478892
10478998
199 0344
199 0350
199 0367
199 0378
199 0453
199 0456
199 3801
199 3802
199 3808
199 3940
199 3945
199 3998
199 3999
42 MT**4-R 134 H**Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**10,5x36,6x24,4**

CATERPILLAR

Takım Sipariş Kodu / Set Order Code
RX 135
1 852 889

R 135 A
R 135 B
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
DR 1351

10478890	199 3881
10478953	199 3884
10478957	199 3885
10479036	199 3884
199 0311	199 3885
199 0313	199 3886
199 3850	199 3928
199 3851	199 3931
199 3854	37 MT
199 3866	41 MT
199 3869	

**2-R 135A
2-R 135B**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
9,5x28,6x26,3
RX 135 H
1 852 893

R 135H A
R 135H B
DR 1352

10478814	199 3742
10478815	199 3901
10478817	199 3902
10478819	199 3903
10478960	199 3905
10479013	199 3918
10479172	199 3953
199 0330	199 3954
199 3732	37 MT
	41 MT

**2-R 135H A
2-R 135H B**
**Gerilim / Voltage
(Volt)**
24
**Ölçü / Dimension
(mm)**
9,5x28,6x26,3
RX 140-141 SI

RX 140 SI
RX 141 SI
**2-R 140 SI
2-R 141 SI**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7,5X25X18,5
29 MT
RX 140-141 HS

RX 140 SH
RX 141 SH
**2-R 140 HS
2-R 141 HS**
**Gerilim / Voltage
(Volt)**
24
**Ölçü / Dimension
(mm)**
7,5X25X18,5
29 MT

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

RX 172**DR 1721**

10529563
10534632
10504328
8000048
8000180
9000902
9000932
9000934
9000967
96550792

A.ROMEO
CHEVROLET
OPEL

4-R 172Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**5X15X12,5****RX 173-174**

RX 174

RX 173

**2-R 173
2-R 174**

19011512

Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**9,5x32x22****RX 175-176**

RX 176

RX 175

**2-R 175
2-R 176**

38 MT

Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**9,5X28X22****RX 177-178**

RX 178

RX 177

**2-R 177
2-R 178**

38 MT

Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**9,5X28X22**

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
RX 180-181 (K 010)

RX 181
RX 180
**2-R 180
2-R 181**

19011512

BMC FATİH KAMYON /
TRUCK PRO
822 / 827
CUMMINS

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

9,5x32x22
RX 419-420
**1 045 711 9
1 045 712 0**

R 419
R 420
DR 4201

 10479600
10479605
10479608
10479611
10479612
111 3272
111 3277
111 3291
28 MT

**JOHN DEERE
NEW HOLLAND
IVECO** KAMYON /TRUCK

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

7,9x24,8x19,5
RX 457-458
**1 045 645 7
1 045 645 8**

R 457
R 458
DR 4581

 1 113 273
1 113 282
1 113 286
1 113 287
1 113 288
1 113 290
1 113 292
1 113 295
1 113 296
1 113 297
1 113 323
1 113 451
28 MT

IVECO MK

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7,9x24,8x19,5
RX 911
1 852 898

4-R 911

 9000751
9000756
9000758

OPEL UNIT-NOS
DAEWOO ESPERO

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

5,5x15x14,5

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

RX 912

10499524

**4-R 912**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6X19X16**

11130748	11131065
11130785	11131077
11130793	11131145
11130836	11131167
11130841	11131191
11130904	11131228
11130941	11131237
11130945	11131260
11130999	11131300
11131014	11131318
11131027	11131352
11131060	11131356

CITROEN
FIAT
HYUNDAI
KIA

RX 913-914**1-R 913**
1-R 914Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**4,6x13x11/12**

1045506
96208781
9627548
SD80F

DAEWOO**K 008****4-K 008**Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**8x30x22,6**

19011501
986018370
39MT

MERCEDES AXOR
ACTROS
TRAVEGO
CITARO
TOURISMO

K 017**4-K 017**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**4,7x15,5x12,5**

36100-2G200	8000372
STD3626	8000499
STD2200	DRS0816
115758	DRS0816N
8000285	36100-2E500
8000357	
8000621	
36100-2G000	
36100-2G200	
36100-2G210	
36100-2G300	
36100-2G400	

HYUNDAI
IX35 2.0L 2010 ->
IX35 2.4L 2010 ->
SANTAFE 2.4L 2010 ->
SONATA 2.4L 2010 ->

KIA
SORENTO 2.4L 2009 ->
SPORTAGE 2.0L 2010 ->

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
USX 44-21
75217

US 21

US 44
**1-US 44
1-US 21**
**Gerilim / Voltage
(Volt)**
6/12
**Ölçü / Dimension
(mm)**
8x15x15

532000	532010	532009 AB
532000 AB	532017	532010 AB
532000 B	533000	532011 A
532001	532008	532014 A
532001 AB	532009	532017 A
532002	532011	532018 A
532002 ABC	532014	532020 A
532004 AB	532018	533000 A
532004 C	532020	533001 A
532004	533001	533002 A
532005	533002	
532005 A	532007 A	
532007	532008 ABC	

RENAULT
USX 60-59
**75 238
618 491**

US 60

US 59
**1-US 60
1-US 59**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
8x15x15
**RENAULT
PEUGEOT 403-404**
USX 73-85
618 491

US 85

US 73
**1-US 73
1-US 85**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
8x15x15
**CITROEN
PEUGEOT
RENAULT R5, R12, R14**

MARŞ MOTORU KÖMÜRLERİ/STARTER BRUSHES - Replacing DUCELLIER



Takım Sipariş Kodu / Set Order Code

USX 91-92

583041
618691
618692

US 92



US 91



Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

1-US 91
1-US 92

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6/11,7x13x15

CHRYSLER
CITROEN

MARŞ MOTORU KÖMÜRLERİ/STARTER BRUSHES - Replacing MITSUBISHI



K 018



4-K018

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4,3x13,1x12

3610026800
3610026850
80000475
8000174
8000175
96467385
96497702
STD1422BA
STD1422YJ
STD2685KR

CHEVROLET Spark
DAEWOO Matiz, Tico
SUZUKI Wagon

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
JSX 5
**748 681 71
805 581**

2-JS 5

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6x16x17

4060919	63201005	63220432	63220932
4112049	63201100	63220433	63220940
4117351	63201101	63220438	63220740
4117464	63220107	63220439	63220741
4126193	63220108	63220505	63220743
4287971	63220137	63220506	63220744
4287972	63220138	870374	63220746
42918044	63220202	11130134	63220535
474852	63220232	11130143	63220536
63201000	63220400	11130266	63220537
63201001	63220402	AZD3502	63220538
63201003	63220403	AZD3508	63220735
63201004	63220408	63220830	
	63220409	63220834	
	63220430	63220931	

FIAT 600T, 850T
900T, 100T
500D, 600D
126
PANDA
UNO

JSX 6
809 775

4-JS 6

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

10x20x23
FIAT
JSX 9
**853 160
747 026 10**

4-JS 9

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

6,5x14x20

 E115-324
632 238 00
632 238 02
632 238 07
632 238 30
632 238 32

FIAT 1100, 615
625
TRAKTÖR /
TRACTOR
411, 415

JSX 13
748 747 41

4-JS 13

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x16x20

35370812B	63222437	63222439
4044309	63222531	63222535
4145211	63222700	63222703
4293672	63222733	63222736
4475131	Z11M21161814	63222331
63206002	4064058	63222430
63222400	4162784	63222501
63222435	4474746	63222536
63222502	63222301	63222730
63222602	63222408	4085959
63222731	63222438	4162785
E100N1512	63222532	4474747
40636136	63222701	4085977
4156064	63222735	4206634
4294494	ZF112189	4474762
63206003	63222304	4285916
63222405	63222409	4475025

LADA SAMARA
SKODA FAVORIT
VOLKSVAGEN
AUDI

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JSX 15

747 341 01



4-JS 15

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

11,5x35x30

M130-7
M130-24
M130-6
M130-8
M130-9124T
632 243 01
632 243 02
632 243 03
632 243 98
632 243 99
632 253 01
632 253 02
632 253 03
632 253 91
632 253 98
632 263 00
632 263 02
632 263 91

FIAT 693, 697
KAMYON / TRUCK

JSX 16

748 617 81



2-JS 16

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8x17x19

632 207 00 632 207 32 632 208 04
632 207 01 632 207 33 632 208 06
632 207 02 632 207 35 632 208 08
632 207 03 632 207 40 632 208 30
632 207 05 632 207 41 632 208 32
632 207 06 632 207 43 632 208 33
632 207 20 632 207 44 632 208 34
632 207 21 632 207 46 632 208 36
632 207 23 632 208 00 632 209 31
632 207 24 632 208 01 632 209 32
632 207 30 632 208 02 632 209 40
632 207 31 632 208 03

RENAULT TOFAŞ MURAT 124
DOĞAN ŞAHİN
FIAT TEMpra 1.3
RENAULT 12
SEAT RONDA

JSX 18

748 387 01



4-JS 18

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

10x22x28

M125-24
M3-Z9
63224580

FIAT TRAKTÖR/TRACTOR
450-480
KAMYON / TRUCK
625 35-50 NC

JSX 19

748 460 01



4-JS 19

Gerilim / Voltage
(Volt)

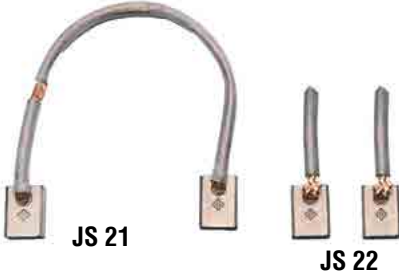
12

Ölçü / Dimension
(mm)

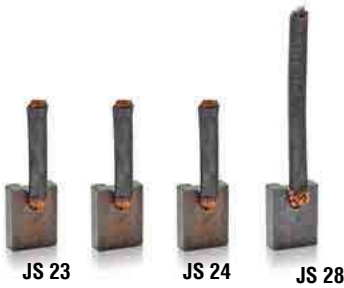
10x22x28

M125-3
4172113
63224600
63224602
63224691

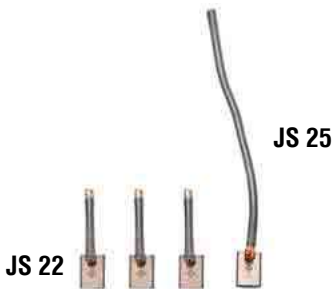
FIAT TRAKTÖR/TRACTOR
FH- 220, 250
255, 300DT
400 CR, FH
420, 450, 455
500

Takım Sipariş Kodu / Set Order Code
JSX 21-22
**748 811 51
748 809 21**

**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
FI 1221

E95-0 632 231 38
E95-9 632 214 30
E95-10 632 214 31
E95-11 632 215 31
E95-12 632 215 32
632 231 30 632 215 34
632 231 32 632 215 35
632 231 33 632 215 38
632 231 34 632 216 33
632 231 35 632 216 37

**1-JS 21
2-JS 22**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
6x13x17,5
TOFAŞ
FIAT DOBLO
FORD TAUNUS
SIERRA
CAPRI
TRANSIT
ANADOL
FORD TUZLA
JEEP
9-11
RENAULT
PEUGEOT
BMW
JSX 23-24-28
**748 879 01
748 879 11
748 912 60**

**2-JS 23
1-JS 24
1-JS 28**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x15,5x20

E100-1
E100-6
632 232 35
632 232 36
632 232 37
632 232 38
632 232 39
632 233 30
632 233 31
632 233 32

JSX 25-22
**748 811 51
748 883 61
855 303 00**

**1-JS 25
3-JS 22**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
6x13x17,5

E95-1
632 214 30
632 215 32
632 215 38

FIAT BRAVA
RACING
SPIDER 2000
132 BERLINA
NUOVA
REGATA
SEAT
JSX 26-27
**748 911 01
748 909 61**

**3-JS 26
1-JS 27**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
6x13x17,5

E95-1
632 214 33
632 214 34
632 214 35
632 214 36
632 214 38
632 215 30
632 215 33
632 215 36
632 215 39
632 216 30
632 216 32
632 216 35
632 216 36
632 216 39
632 217 31

FIAT BERLINA D
132
BERLINA
2000, REGATA
1600 ACT
UNO, 903 D

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JSX 29-30

748 938 51
855 403 51
748 936 31



1-JS 29
1-JS 30

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6x13x17,5

E95-0
E95C-0
E95-8
E95C-8
E95C-9
E95C-10
E95C-11
E95C-12
631 010 03
632 218 30
632 218 32
632 218 34
632 218 90
632 218 92

FIAT PALIO 1.1, 1.2
WEEKEND
PANDA
1100 4x4

JSX 31-32

855 403 41
748 941 21
832 228 01



2-JS 31
1-JS 32

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8x19x18

E95R-2 632 220 34
E95R-3 632 220 35
E95R-4 632 220 36
E95R-5 632 220 38
E95R-6 632 220 39
E95R-7 632 221 30
E95R-8 632 221 31
E95R-9 632 221 33
E95R-10 632 221 34
E95R-11 632 221 35
E95R-12 632 221 36
632 218 31 632 221 38
632 220 30 632 222 04
632 220 31 632 222 06

FIAT CROMA
REGATA D
TDI
DUCATO
LANCIA
ALFA ROMEO TD
BMW TD

JSX 33-34

832 204 61,832 201 31
542 944 44,832 265 57



FI 3341

2-JS 33
2-JS 34

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6x15x16,7

E70R-1 M70R-1 631 234 30
E70R-4 M70R-4 631 234 33
E70R-5 M70R-5 631 234 31
E70R-6 M70R-6 631 234 32
E70R-7 M70R-7 631 234 335
E70R-8 M70R-8 631 234 336
E70R-9 M70R-9 631 235 30
E70R-10 M70R-10 631 235 31
E70R-11 M70R-11 631 235 32
E70R-12 M70R-12 631 235 33
631 236 39
631 934 35

IVECO MK
FIAT DOBLO
ALFA ROMEO

JSX 35-36

832 212 41
832 216 51



FI 5361

2-JS 35
2-JS 36

Gerilim / Voltage
(Volt)

12

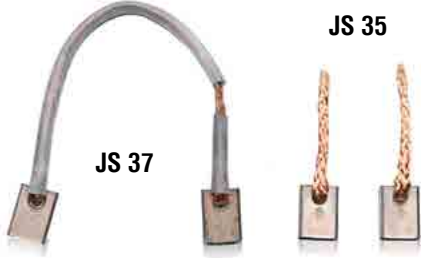
Ölçü / Dimension
(mm)

7x13x17,5

E80-0 633 228 31
E80-8 633 228 32
E80-9 633 228 33
E80-10 633 228 36
E80-11 633 228 37
E80-12 633 228 38
E81-0 633 230 31
E81-8 633 230 32
E81-9 633 230 33
E81-10 633 230 34
E81-11
E81-12

FIAT E 80 UNO
TIPO
TOFAŞ TEMPRA
DOĞAN KARTAL
ŞAHİN
LANCIA
RENAULT 12

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
JSX 35-37

83 221 241
83 220 991
83 223 991

**2-JS 35
1-JS 37**

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x13x17,5

E80E-1
E80E-0
E80E-2
E80E-3
E80E-4
E80E-5
E80E-6
E80E-7
E80E-8
E80E-9
E80E-10
E80E-11
E80E-12
631 230 31
631 230 32
631 230 33
631 230 34

NISSAN PRIMERA 1.6

JSX 38-39-40

832 244 61
833 25 117

**1-JS 38
1-JS 39
1-JS 40**

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x13x17,5

E80E-0
E80E-9
E80E-10
E80E-11
E80E-12
631 020 03
631 020 04
631 020 07
631 020 08
632 229 00
632 229 01
632 230 85
632 231 01
632 231 03
632 231 08
632 931 03

FIAT BRAVA
BRAVO
MAREA
PUNTO

JSX 38-40-58

882 253 59
832 257 10

**2-JS 38
1-JS 40
1-JS 58**

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x13x17,5

E80E-1
E80E-0
E80E-2
E80E-3
E80E-4
E80E-5
E80E-6
E80E-7
E80E-8
E80E-9
E80E-10
E80E-11
E80E-12
631 030 02
631 030 03
631 030 07
631 030 08

FIAT BRAVA
BRAVO
PALIO
PUNTO
REGATA
SIENA
TEMPRA
TIPO, UNO

LANCIA
JSX 38-41

832 244 61,832 251 46
832 253 26,832 263 48
832 264 91

**1-JS 38
1-JS 41**

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

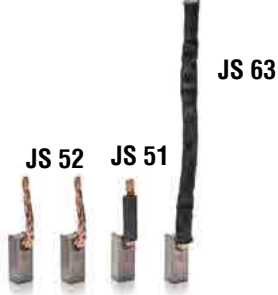
7x13x17,5

E80E-0
E80E-8
E80E-9
E80E-10
E80E-11
E80E-12
631 010 00
631 010 02
632 010 08
632 228 89
632 228 97
632 229 05
632 229 08
632 229 09
632 229 36
632 231 04
632 231 09
632 232 00
632 233 03
632 931 04

FIAT PUNTO
SLX

Takım Sipariş Kodu / Set Order Code	Özellikler / Properties	Motor Numarası / Unit No.	Araç Modeli / Vehicle Model
JSX 38-42 832 244 81 832 246 21  JS 42 JS 38	1-JS 38 1-JS 42 Gerilim / Voltage (Volt) 12 Ölçü / Dimension (mm) 7x13x17,5	E80E	SEAT TOFAŞ FIAT LANCIA ŞAHİN DOĞAN KARTAL TEMPRA TIPO UNO
JSX 43-45-44 (4) 832 258 22 832 258 23 832 258 24  JSX 45 JSX 44 JSX 43	2-JS 43 (-) 1-JS 45 (+) 1-JS 44 (+) Gerilim / Voltage (Volt) 12 Ölçü / Dimension (mm) 7x13x19,5 7x13x19,5 7x13x19,5	E80E	VW POLO CLASSIC CADDY SEAT DAIHATSU HIJET
JSX 51-52 832 273 62 832 273 64  JS 51 JS 52	1-JS 51 1-JS 52 Gerilim / Voltage (Volt) 12 Ölçü / Dimension (mm) 7x8x19,5	E80F-0 E80F-8 E80F-9 E80F-10 E80F-11 E80F-12	FIAT
JSX 51-52-59 832 273 62 832 273 64 832 274 70  JS 51 JS 59 JS 52	1-JS 51 1-JS 52 1-JS 59 Gerilim / Voltage (Volt) 12 Ölçü / Dimension (mm) 7x8x19,5	E80F-0 E80F-9 E80F-10 E80F-11 E80F-12	FIAT

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
JSX 51-52-63

832 273 62
832 273 64
832 276 57

**1-JS 51
2-JS 52
1-JS 63**

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x8x19,5

E80F-1

FIAT PALIO 1,2
DOBLO 1,2

JSX 53-54

748 944 41,832 257 10
832 263 36,832 267 10

FI 3541
**2-JS 53
1-JS 54**

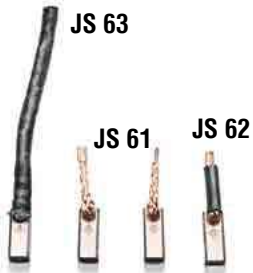
Gerilim / Voltage
(Volt)

12
8x19x20

E95RL-2
E95RL-6
E95RL-7
E95RL-8
E95RL-9
E95RL-10
E95RL-11
E95RL-12
631 140 08
631 140 10
631 140 14

FIAT DUCATO
DIESEL

JSX 61-62-63

832 275 84
832 275 83
832 276 57

**2-JS 61
1-JS 62
1-JS 63**

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x8x19,5

D80F-1
D80F-0
D80F-2
D80F-4
D80F-3
D80F-5
D80F-6
D80F-7
D80F-8
D80F-9
D80F-11
D80F-12

FIAT
JSX 70-71

028531-6870
028531-6880

**1-JS 70
2-JS 71**

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7,8x19x20

Takım Sipariş Kodu / Set Order Code

JSX 72-73028 531-7340
028 531-7331

JS 73

JS 72

Özellikler
Properties

FI 2731

2-JS 72
2-JS 73Gerilim / Voltage
(Volt)

12

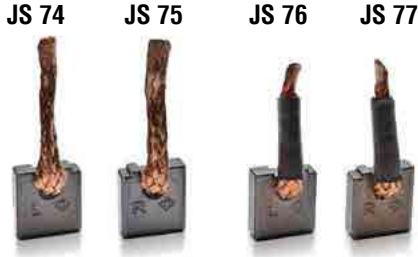
7x20x16

Motor Numarası / Unit No.

028510-6410
028510-6421
028510-6440
028510-6490

Araç Modeli/Vehicle Model

BMW	3, 5, 7, X5
CITROEN	C5
PEUGEOT	307, 407
TOYOTA	AVENSIS COROLLA VERSO

JSX 74-75-76-7728531-6420
28531-6390
28531-6400
28531-6410

JS 74

JS 75

JS 76

JS 77

1-JS 74
1-JS 75
1-JS 76
1-JS 77Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)4,5x14x14,3
/ 15,3

BMW	1-3-5-7 SERİSİ
PSA	
TOYOTA	AVENSIS COROLLA YARIS
PEUGEOT	206 307

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
FX 70-71
**F00U-11056-AA
F00U-11055-AA**

FO 0711
**1-F 70
1-F 71**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
4,5x16x14

 E90F-11000-AA
E9SF-11000-AA
F02F-11000-AA
F07U-11000-AA
FOCF-11000-AA
F00U-11000-AA
F13U-11000-AA
F17U-11000-AB
F1VU-11000-AA
E90F-11000-BA
E9SF-11000-BA
F07U-11000-BA
FOCF-11000-BA

FORD MONDEO
TRANSIT
ESCORT

FX 70-72
**F00U-11056-AA
F3RU-11055-AA**

FO 0721
**1-F 70
1-F 72**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
4,5x16x14

 93BB-11000-HB
93BB-11000-JB
93BB-11000-JC
93BB-11000-KA
93BB-11000-KB
93BB-11000-KC

FORD MONDEO
TRANSIT
ESCORT

FX 73
**5 026 806
6 775 699
6 775 703**

FO 0731
4-F 73
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
6x13x14

 96BB-11000-AB
96BB-11000-AA

FORD CONNECT
FOCUS
FIESTA

FX 74
F7RU-11434-BA

4-F 74
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
8,2x18,9x18,2

 97BB-11000-BB
97VB-11000-AA
98AB-11000-AC
98VB-11000-B3A
97BB-11000-BC
97VB-11000-AB
98VB-11000-BA
98VB-11000-B1A

FORD ESCORT
FIESTA
FOCUS, MONDEO
1.6 DTCl, 1.8D
MAZDA B 2500
MOTOCRAFT

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

FX 75

F7 RU-11056-CA



FO 0751

97VB-11000

FORD
 TRANSIT
 MOTOCRAFT
 V.184

4-F 75

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8,2x18,9x17,8

FX 76-77

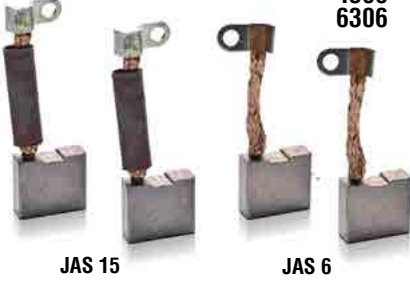
1C3U-11434-AA

2-F 76 (+)
2-F 77 (-)1C3U-11000-AA
1C3U-11000-AB
1C3U-11000-AE
FORD
 FOCUS,
 CONNECT
 MONDEO
 FIESTA 1.6 DTCI
Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8,2x18,9x18,2

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
JASX 15-6 (4)
**2108-2305
4305
6305
2108-2306
4306
6306**

JAS 15
JAS 6
**2-JAS 15
2-JAS 6**

 9-8211-16310
9-8211-16320
23379-09900
23380-10600

**Daihatsu
Isuzu
Nissan**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6x16x14
JASX 26-27
**2280-1313
2280-1312**

JAS 27
JAS 26
**2-JAS 26
2-JAS 27**

 2108-2305
2108-2306
9-8211-16310
9-8211-16320
23379-09900
23380-10600

**DAIHATSU
ISUZU
NISSAN**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6x16x14
JASX 31
2250-1322

4-JAS 31

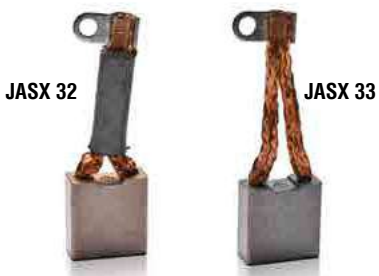
 9-8211-1603-0
9-8211-5114-0
1-2174-0030-0
23331-90001
23331-90004
23379-61502

**ISUZU
NISSAN**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

9x20x26
JASX 32-33
**2114-2313
2114-6312**

JASX 32
JASX 33
**1-JAS 32
1-JAS 33**

 9-8211-16440
9-8211-16450
23379-19900
23380-19900

**ISUZU
NISSAN**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x16x16,5

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 34-30

2130-6312
2130-9311



JASX 30

JASX 34

2-JAS 34
2-JAS 30

8-94028-460-0
8-94228-440-0
8-94228-444-0
8-94228-464-0
23379-V0700
23380-V0700
8-94028-464-0

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8x19x18

ISUZU
NISSAN BLUEBIRD

JASX 36-37

2130-5312
2130-8311



JAS 36

JAS 37

HI 6371

1-81116-023-0
5-81116-024-0
8-97030-389-0
23379-J 5500
23380-5500
23331-Z 9002
23331-Z 9003
28331-Z 9000
28331-Z 9001

2-JAS 36
2-JAS 37

Gerilim / Voltage
(Volt)

12

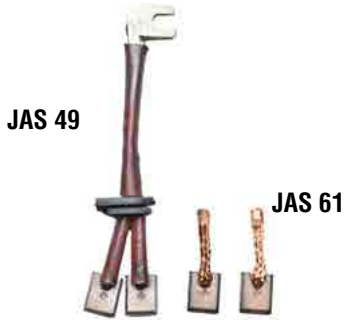
Ölçü / Dimension
(mm)

8x25x18

ISUZU
NISSAN

JASX 49-61

2114-63125
2114-43125



JAS 49

JAS 61

1-JAS 49
2-JAS 61

S114680	S114775A	S114808B
S114750	S114780	S114818A
S114752	S114800	S114827
S114753	S114800A	S114829
S114753B	S114800B	S114850
S114754A	S114801A	S114870
S114758	S114801B	S114872
S114762	S114801C	23380-
S114762A	S114802	1E400
S114765	S114802A	23379-
S114766	S114804	1P100
S114766A	S114805	
S114767	S114806	
S114769	S114808	
S114775	S114808A	

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4,5x14x17

NISSAN

JASX 50-51

2114-23124/63121
2114-73122/83122
2114-93122
2114-83121



JAS 50

JAS 51

1-JAS 50
2-JAS 51

B101-18X-66	23379-M8001
B101-18X-72	23380-M8001
23380-53J00	23379-M8001
23379-53J00	23387-KA000
23380-42L60	23388-KA000
23379-M8001	49206-6501
23380-57M60	49207-6401
23379-M8001	49206-6401
23380-77A01	

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x11x16

MAZDA
NISSAN
VW GOLF
PASSAT 1.6
SANTANA
SUBARU

Takım Sipariş Kodu / Set Order Code

 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 54-55

 2114-63126
2114-53126

HI 4551
**1-JAS 54
2-JAS 55**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

4,5x14x15

S114680	S114769	S114805
S114750	S114775	S114806
S114752	S114775A	S114808
S114753	S114780	S114808A
S114753B	S114800	S114808B
S114754A	S114800A	S114818A
S114758	S114800B	S114827
S114762	S114801A	S114829
S114762A	S114801B	S114850
S114765	S114801C	S114870
S114766	S114802	S114872
S114766A	S114802A	23380-0M300
S114767	S114804	23379-0M300
		23379-0M300

ARAÇ MODELİ / VEHICLE MODEL
AUDI,
VOLKSWAGEN
ISUZU
NISSAN, INFINITI

JASX 56-3

 2120-1311,1312
2120-4311,5312
2120-7311

**2-JAS 56
2-JAS 3**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8x14,5x22

S12-23	23379-65000
9-8211-16510	23380-37500
9-8211-16520	23380-37502
9-8211-16460	23380-37503
9-8211-16470	23380-65000
23379-37500	S12-24A
23379-37502	S12-32
23379-37503	S12-34
	S12-47

ISUZU
NISSAN
YANMAR
MARINE
VOLVO PENTA
THERMOKING

JASX 56-3/0

 2120-7312
2120-9311

**2-JAS 56/0
2-JAS 3/0**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8x14,5x22

23379-G7000
23380-G7000

NISSAN URVAN
THERMOKING
TOYOTA STARLET
COROLLA
CELICA

JASX 57-58

 2114-4313
2114-8312

**2-JAS 57
2-JAS 58**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x11x18

2330048301	S114247C	S114461B
S10863	S114316	S114464B
S114132	S114317A	S114465B
S114146	S114320	S114465C
S114160E	S114345B	S114554
S114172D	S114348A	31246-568-005
S114172E	S114377	31217-568-005
S114182G	S114378A	9-8211-1658-0
S114184	S114390A	23379-21000
S114202	S114441	23380-21000
S114202A	S114441A	9402-1409
S114210	S114441B	9-8211-1657-0
S114247	S114460B	23379-16E01
	S114461	23380-16E01
	S114461A	9402-1408

DAIHATSU
HONDA
ISUZU
NISSAN
SUBARU

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 59-60

2114-73123
2114-83123



JAS 59

JAS 60

1-JAS 59
2-JAS 60

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

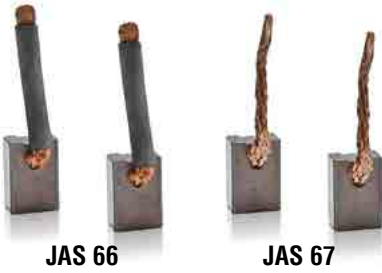
4,5x11x16

23380-53J00
23387-KA000
S114-558
23300-53J00
23300-KA270
23379-53J00
S114-556A
23388-KA000

NISSAN
SUBARU

JASX 66-67

2114-3315/5312
2114-6313/8313



JAS 66

JAS 67

2-JAS 66
2-JAS 67

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x11x16

2114-3315 S114206 31215-634-0050
2114-6313 S114218A S114362 31215-679-0050
S114118 S114229E S114370 8-94208-294-0
S114155 S114229F S114376B 5-81116-008-0
S114160 S114230 S114378 23379-80W00
S114160A S114232 S114385 23379-M0100
S114160D S114232A S114387 23380-56A00
S114161 S114235 S114390 23380-M0100
S114161B S114235A S114391 21070-53908
S114162C S114237 S114391A 24370-54008
S114162D S114244 S114396 49206-1001
S114163 S114271 S114413 49206-5501
S114163F S114295 S114413A 31216-634-0050
S114164 S114303 S114414 31216-679-0050
S114170 S114315 S114414A 8-94208-300-0
S114170E S114317B S114419 5-81116-009-0
S114173 S114318 S114425 23379-M0102
S114173F S114318A S114603 23380-M0101
S114180 S114320A S114604 21070-54008
S114180G S114345 S114651 49207-1001
S114182 S114345A S114630 49207-5501
S114194 S114353

HONDA
ISUZU
NISSAN
SUBARU

JASX 74

2130-23112



4-JAS 74

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x19x15,8

2330010T02 S13127A S14203A
S13102 S13127C S14210
S13102A S13131 S2407
S13104 S13137A S25163G
S13105 S13282 S25501A
S13106 S13302 S1362B
S13106A S13302A S1362A
S13106B S13321 S1366A
S13106C S13329 S1381
S13106E S1403 S1383
S13107A S14203 S1389B
S13107 S2412 S13811
S13111 S25171 S13811A
S13112 S25501B S13812A
S13114 8-94136-900-0
S13114A 23 380-10G00
S13127 23 379-10G00

BMC LEVENT 2500-3000
DIESEL
NISSAN
ISUZU

JASX 74 H



4-JAS 74 H

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

7x19x15,8

S25-163A
8970324640
324642
655260
958112

ISUZU ŞAMPİYON
NPR, NKR
NQR, NKR
WIDE
ISUZU OTOBÜS / BUS

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
JASX 74-75
**2130-1311
2130-7312
2240-1311/1312**

JAS 75
JAS 74
HI 4751
**2-JAS 74
2-JAS 75**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x19x15,8

2330010T02	S13127A	S136292A	740 D, 760 D
S13102	S13127C	S1403	23379-W2500
S13102A	S13131	S14203	2331-T9000
S13104	S13137A	S14210	8-94152-930-0
S13105	S13282	S14210A	8-94152-970-0
S13106	S13302	S2412	8-94152-973-0
S13106A	S13302A	S2407	8-94242-065-0
S13106B	S13321	S25163G	8-94478-862-0
S13106C	S13329	S25171	894152970
S13106E	S1362B	S25501A	894152973
S13107	S13624	23380-W2500	23380-10G00
S13107A	S13626A	2331-T9001	23380-54T00
S13111	S136281	5-81118-021-0	
S13112	S136283	8-94136-900-0	
S13114	S136289B	8-94242-061-0	
S13114A	S136291	23379-54A00	
S13127	S136291A		

**DAIHATSU
ISUZU
MAZDA
NISSAN
VOLVO**
JASX 74-75 H

JAS 75H
JAS 74H
HI 4752
**2-JAS 74 H
2-JAS 75 H**
**Gerilim / Voltage
(Volt)**
24
**Ölçü / Dimension
(mm)**
7x19x15,8

S25-163A
8970324640
324642
655260
958112

ISUZU ŞAMPİYON
NPR, NKR
NQR, NKR
WIDE
OTOBÜS / BUS

ISUZU
JASX 80-81
**2114-59002
2114-69002**

JAS 81
JAS 80
HI 0811
**2-JAS 80
2-JAS 81**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x14x16

S114253B	S114374B	S1144076
S114254D	S114393	S1144080
S114257	S114403B	S1144080A
S114290	S114429A	S1144081
S114290A	S114440	S1144081A
S114290B	S114442A	S1144083
S114296	S114442B	S1144085
S114296A	S114451A	S1144086
S114322	S1144053	8-94208-440-0
S114322A	S1144058	8-94208-444-0
S114338A	S1144059	8-94228-440-0
S114344	S1144071	8-94228-444-0
S114357	S1144071A	23379-M4900
S114357A	S1144072	23380-M4900
S114357B	S1144072A	5114-480
S114357C	S1144073	
S114367	S1144075A	

**NISSAN
DATSUN
ISUZU**
JASX 92-93
**2130-1312/2312
2130-3311/4311
2130-4312/7311**

JAS 93
JAS 92
**2-JAS 92
2-JAS 93**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
9x19,5x22

5-81116-015-0
5-81116-016-0
5-81116-048-0
5-81116-049-0
8-94137-714-0
8-94137-716-0
9-8211-1551-0
9-8211-4151-0
9-8211-4152-0
23379-J2000
23380-J2000
23379-61503
23380-61501

**ISUZU
NISSAN**

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 94-95

2250-2323
2120-2601
2130-1310
2250-1324/-4322



JAS 95



JAS 94

2-JAS 94
2-JAS 95

Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**9x19,5x19,5**

S1224A 1-81116-018-0
S1328 5-81116-018-0
S1373 5-81119-001-0
S25120 5-81119-015-0
S25120A 5-81119-016-0
S25121A 9-82111-551-0
S25131 23379-61503
S25131A 23380-61501
S25155 23331-Z9000
S25155C 23331-Z9001
S25155D 28142-1020A
S25164E 28142-1010A

1-81116-017-0
5-81116-017-0

ISUZU MARINE
NISSAN
HINO KIRKAYAK

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
LET 16.908.337
16.908.337

4-16.908.337
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
8X25X18,8

11130748	11131604	11132118	AZF4185	AZF4352
11130785	11131611	11132122	AZF4187	AZF4357
11130793	11131612	11132149	AZF4190	AZF4361
11130836	11131613	11132150	AZF4196	AZF4362
11130841	11131640	11132164	AZF4204	AZF4364
11130904	11131658	11132170	AZF4205	AZF4369
11130941	11131697	11132174	AZF4206	AZF4370
11130945	11131705	11132175	AZF4209	AZF4376
11130999	11131706	11132183	AZF4214	AZF4510
11131014	11131709	11132194	AZF4220	AZF4511
11131027	11131723	11132236	AZF4224	AZF4513
11131060	11131727	11132259	AZF4227	AZF4514
11131065	11131763	11132260	AZF4228	AZF4520
11131077	11131782	11132268	AZF4240	AZF4521
11131145	11131783	11132276	AZF4242	AZF4524
11131167	11131784	11132291	AZF4245	AZF4528
11131191	11131797	11132310	AZF4247	AZF4535
11131228	11131798	11132325	AZF4248	AZF4538
11131237	11131811	11132328	AZF4251	AZF4539
11131260	11131829	11132356	AZF4253	AZF4541
11131300	11131830	11132359	AZF4254	AZF4542
11131318	11131839	11132367	AZF4258	AZF4545
11131352	11131848	11132372	AZF4260	AZF4553
11131356	11131855	AZF4103	AZF4269	AZF4559
11131370	11131856	AZF4108	AZF4270	AZF4562
11131374	11131883	AZF4115	AZF4279	AZF4569
11131375	11131893	AZF4116	AZF4280	AZF4570
11131382	11131896	AZF4119	AZF4281	AZF4577
11131398	11131898	AZF4122	AZF4283	AZF4582
11131407	11131900	AZF4129	AZF4284	AZF4591
11131411	11131920	AZF4130	AZF4286	AZF4592
11131430	11131929	AZF4131	AZF4287	AZF4595
11131433	11131930	AZF4132	AZF4288	AZF4596
11131436	11131945	AZF4135	AZF4291	AZF4597
11131440	11131965	AZF4141	AZF4296	AZF4598
11131464	11132008	AZF4143	AZF4304	AZF4627
11131488	11132009	AZF4146	AZF4305	AZF4637
11131490	11132012	AZF4147	AZF4315	AZF4639
11131491	11132045	AZF4148	AZF4316	AZF4643
11131507	11132046	AZF4154	AZF4318	AZF4683
11131508	11132047	AZF4155	AZF4319	AZF4687
11131520	11132056	AZF4158	AZF4320	AZF4691
11131542	11132062	AZF4159	AZF4321	AZF4814
11131550	11132066	AZF4160	AZF4324	AZF4831
11131573	11132069	AZF4164	AZF4329	AZF4861
11131574	11132070	AZF4170	AZF4341	
11131575	11132073	AZF4181	AZF4345	
11131602	11132099	AZF4183	AZF4346	
	11132104	AZF4184	AZF4349	

BOBCAT	İŞ MAKİNESİ
FIAT	TRAKTÖR
CASE	
CLAAS	ARION SERİSİ
	TRAKTÖR
J. DEERE	B.DÖVER/
	TRAKTÖR
JCB	TRAKTÖR/İŞ
	MAKİNESİ
M.FERGUSON	
N.HOLLAND	TARIM
	MAKİNESİ/
	TRAKTÖR
RENAULT	ARES/ERGOS
	SERİSİ
	TRAKTÖR
STEYR	TRAKTÖR

LET 16.908.753
16.908.753

LET 16.908.753 A
LET 16.908.753 B
4-16.908.773
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
6X22X15.5

11131063	11131780	11132058	AZE4192	AZE4579
11131108	11131781	11132059	AZE4193	AZE4589
11131109	11131788	11132064	AZE4194	AZE4603
11131112	11131789	11132067	AZE4195	AZE4620
11131116	11131802	11132068	AZE4197	AZE4648
11131198	11131813	11132077	AZE4199	AZE4649
11131221	11131821	11132095	AZE4201	AZE4653
11131223	11131833	11132101	AZE4202	AZE4654
11131279	11131885	11132121	AZE4203	AZE4655
11131315	11131890	11132127	AZE4204	AZE4656
11131384	11131892	11132128	AZE4205	AZE4660
11131476	11131915	11132134	AZE4207	AZE4663
11131477	11131916	11132144	AZE4208	AZE4667
11131478	11131921	11132153	AZE4213	AZE4668
11131515	11131932	11132154	AZE4214	AZE6513
11131526	11131942	11132155	AZE4215	AZE6514
11131535	11131946	11132159	AZE4217	AZE6515
11131556	11131947	AZE4122	AZE4221	AZE6524
11131560	11131948	AZE4123	AZE4222	AZE6526
11131570	11131949	AZE4125	AZE4224	AZE6530
11131600	11131950	AZE4139	AZE4225	AZE6531
11131603	11131951	AZE4150	AZE4226	AZE6537
11131605	11131953	AZE4151	AZE4227	AZE6544
11131606	11131956	AZE4159	AZE4230	AZE6554
11131663	11131957	AZE4165	AZE4233	AZE6555
11131696	11131964	AZE4167	AZE4234	AZE6556
11131716	11131966	AZE4168	AZE4238	AZE6557
11131731	11131967	AZE4169	AZE4239	AZE6558
11131746	11131983	AZE4170	AZE4240	AZE6559
11131750	11131984	AZE4171	AZE4244	AZE6562
11131751	11131985	AZE4172	AZE4534	AZE6563
11131752	11131986	AZE4173	AZE4535	AZE6567
11131753	11131989	AZE4176	AZE4536	AZE6572
11131761	11132007	AZE4183	AZE4540	
11131772	11132010	AZE4185	AZE4557	
11131773	11132050	AZE4189	AZE4566	
	11132051	AZE4190	AZE4573	

ATLAS COPCO	JENERATÖR
ERKUNT	TRAKTÖR
HATTAT	A SERİSİ
HİDROMEK	İŞ MAKİNESİ
J. DEERE	TRAKTÖR
M.FERGUSON	TRAKTÖR
VALTRA	TRAKTÖR
ZETOR	TRAKTÖR

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

LET 16.908.995**16.908.995****4-16.908.995**Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**8X25X18,8**

11130728	11131995	AZF4266
11130729	11132027	AZF4267
11130730	11132041	AZF4273
11130842	11132042	AZF4276
11130944	11132071	AZF4277
11131150	11132083	AZF4289
11131214	11132085	AZF4292
11131254	11132086	AZF4293
11131266	11132094	AZF4294
11131271	11132106	AZF4295
11131274	11132115	AZF4298
11131316	AZF4104	AZF4303
11131335	AZF4106	AZF4507
11131357	AZF4121	AZF4508
11131359	AZF4137	AZF4509
11131376	AZF4169	AZF4515
11131399	AZF4191	AZF4527
11131452	AZF4198	AZF4554
11131501	AZF4201	AZF4571
11131524	AZF4207	AZF4572
11131863	AZF4222	AZF4573
11131865	AZF4230	AZF4575
11131868	AZF4232	AZF4581
11131869	AZF4233	AZF4588
11131881	AZF4234	AZF4593
11131882	AZF4237	AZF4594
11131894	AZF4238	AZF4617
11131897	AZF4239	AZF4646
11131987	AZF4243	AZF4659
	AZF4246	AZF4672

JCB NA/TC/TCA/TCAE
SERİLERİ
JS130NL-NLC
JS210LC/JS220/
JS235 EKSKAVATÖR
CX/SS/CF/ICX/HF
SERİLERİ BEKLODER
180T-HF/190T-HF
8008CTS/9030ZTS

Takım Sipariş Kodu / Set Order Code

 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

LASX 5-6

 251 108
(TAB128)


2-LAS 5 1-LAS 6	25022	25088	25118J	25144A/B
	25038	25088A/J	25128	25151
Gerilim / Voltage (Volt)	25038B	25105	25128A/B	25151A
	25038E	25105A/B	25129	25152A
12	25038E	25105X	25129A	25154
	25038H	25112	25129B	25154A/F
Ölçü / Dimension (mm)	25038E/H	25112A/B	25130A/B	25155
	25059	25112A/F	25132	25155A/H
6,35x15,9x14,2	25059A/F	25118	25132A	25181
	25079	25118A	25138	25181A
	25079A/J	25118B	25138A/J	25202
	25079H	25118C	25140	25202A
	25079J	25118D	25140A/E	25203
	25083	25118E	25142	25203A/D
	25083A/H	25118F	25142A/H	25203A/E
	25085	25118G	25143	25208
	25085A/B	25118H	25143A/E	25208A/E
		25118I	25144	25519

COMMER
ANADOL
LASX 15-16

 271 735
(TAB125)


LU 5161	M45G	26208	26275	26381	27431
	M113	26215	26278	26383	27433
2-LAS 15 2-LAS 16	26147	26219	26281	26385	27435
	26148	26220	26283	26390	27436
Gerilim / Voltage (Volt)	26151	26233	26285	26391	27438
	26153	26236	26288	26394	27440
12	26154	26238	26300	26396	27443
	26163	26248	26302	26400	27446
Ölçü / Dimension (mm)	26166	26255	26306	26412	27447
	26178	26256	26310	26413	27449
7,9x19,05x22,2	26189	26259	26320	26422	27452
	26192	26264	26321	27403	27457
	26193	26266	26346	27405	27459
	26196	26267	26348	27406	27463
	26198	26268	26364	27409	27465
	26200	26269	26370	27414	27468
	26201	26270	26373	27416	27470
		26271	26375	27428	TM 30

BMC
ROVER OFF-ROAD
DEFENDER 2.5 d
LAND ROVER 2.25 d

LASX 15-16 H


LU 5162				
2-LAS 15 H 2-LAS 16 H				
Gerilim / Voltage (Volt)				
24				
Ölçü / Dimension (mm)				
7,9x19,05x22,2				

LUCAS STARTER

Takım Sipariş Kodu / Set Order Code

LASX 15-16 CU

271 735
(TAB125)



Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

Özellikler Properties	Motor Numarası / Unit No.	Araç Modeli/Vehicle Model
LU 5161 CU	26132 26219 26306E/H 27435	CASE TRAKTOR M.FERGUSON MF 240 / 245 / 255 /265 / 275 / 285 / 565 / 575
2-LAS 15 2-LAS 16	26132H/R 26220 26310A/D 27436	
Gerilim / Voltage (Volt)	26133 26231 26310E/F 27437	N.HOLAND 5640 / 6640 / 77407840 / 8240 / 8340 1991-1998
12	26133K/R 26232 26320A/B 27438	
Ölçü / Dimension (mm)	26143 26233 26320D/J 27439	BMC DEFENDER LAND ROVER
8x19x22,2 7,9x19,05x22,2	26143J/Q 26233K/M 26321 27440	
	26145 26236A/K 26321A/B 27443	
	26145H/N 26236L26238A/L 26321D/F 27446	
	26146 26238M/Q 26324 27447	
	26146H/N 26244 26325 27448	
	26147 26248A/L 263 27449	
	26147J/M 26248M 26 27452	
	26148 26251 26327 27457	
	26148H/N 26255 26333 27458	
	26149 26256 2633526346A/D 27459	
	26149H/M 26256A/E 26346E 27463	
	26150 26256H 26346E/K 27465	
	26150H/M 26259 26347 27468	
	26151 26259A/K 26348 27469	
	26151H/N 26259L/N 26362 27470	
	26152 26260 26364 27474	
	26152H/M 26260F/J 26370 27475	
	26153 26263 26371 27476	
	26153J/N 26264A/F 26372	
	26154 26264H/K 26373	
	26154J/N 26266 26375	
	26157 26267 26381A/D	
	26157H/M 26268 26381E/F	
	26158 26268J/L 26383	
	26158E/K 26269A/F 26385	
	26159 26269H/L 26390	
	26159E/J 26270 26391	
	26163 26271 26394	
	26166 26271F/J 26396	
	26166E/L 26275A/E 26400	
	26167 26275F/K 26412	
	26167E/L 26278A/F 26413	
	26169 26278H 26422	
	26169E/K 26279A/E 27403	
	26170 26279F/K 27405	
	26170E/M 26280A/E 27406	
	26172 26280F/J 27407	
	26173 26281 27409	
	26173B/F 26281A/E 27410	
	26177 26281A/F 27411	
	26178 26281F/J 27412	
	26185 26283A/F 27413	
	26186 26283H/K 27414	
	26187 26285A/E 27415	
	26189 26285F 27416	
	26190 26286A/E 27417	
	26192 26286F/J 27418	
	26193 26287A/E 27419	
	26196 26287F/J 27420	
	26197 26288A/E 27421	
	26198 26288F 27422	
	26199 26295F 27423	
	26200 26300A/E 27424	
	26201 26300A/J 27425	
	26206 26300F/J 27425A	
	26208 26301A/E 27425B	
	26209 26301A/F 27426	
	26212 26301H 27427	
	26213 26302A/D 27428	
	26215 26302E/H 27432	
	26215H 26306A/D 27433	

Takım Sipariş Kodu / Set Order Code

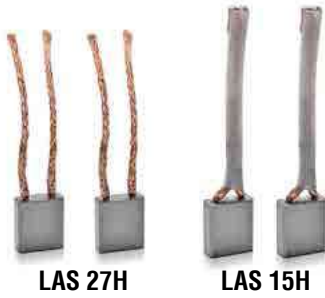
 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

LASX 15-27 271 735 (TAB 120)


2-LAS 15 2-LAS 27	25585 26143 25586 26143A 25586A 26143A/H 26072 26143B 26132 26143J/Q 26132A/F 26145 26132H 26145A/F 26132H/R 26145H/N 26132J/R 26146 26133 26146A/F 26133A/J 26146H/N 26133K/R 26147 26143 271 735	MASSEY FERGUSON FORD LEYLAND
Gerilim / Voltage (Volt) 12		
Ölçü / Dimension (mm) 7,9x19,05x22,2		

LASX 15-27 H


2-LAS 15 H 2-LAS 27 H		LUCAS STARTER
Gerilim / Voltage (Volt) 24		
Ölçü / Dimension (mm) 7,9x19,05x22,2		

LASX 30-31-32 542 569 07 (TAB 106)


1-LAS 30 1-LAS 31 2-LAS 32	25585 25586 26209	FORD TRACTOR 2000 2600, 3000, 3600
Gerilim / Voltage (Volt) 12		
Ölçü / Dimension (mm) 7,9x19,5x22,2		

LASX 31 542 585 92 (TAB119)


4-LAS 31	M50 26291A/D 26339D 27569 26291A/E 26339D/H 26211 26304A 26395 26211A 26338 26395A 26211A/L 26338A 26395A/H 26211L 26338A/F 26395B 26211M/T 26338B 26395D 26211N 26338D 26395D/E 26211N/R 26338F 26395E 26211R/T 26339 26395F 26211T 26339A 27500, A, A/J, 262111U 26339A/K 27561B, 26339B 27500A 27500A/J 27561B	FORD TRACTOR 2000 3000, 7600 7610, 7700, 7710
Gerilim / Voltage (Volt) 12		
Ölçü / Dimension (mm) 7,9x19,05x22,2		

Takım Sipariş Kodu / Set Order Code

LASX 36 542 595 17 (TAB118)



Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

Özellikler / Properties	Motor Numarası / Unit No.					Araç Modeli / Vehicle Model
LU 0361	M50	26304	26361	26404	27516	FORD 750-1210 OTOSAN
4-LAS 36	M127	26305	26363	26407	27518	BMC 100,135,140
	26227	26312	26365	26411	27528	
	26234	26316	26366	26414	27531	
	26246	26317	26369	26416	27534	
Gerilim / Voltage (Volt)	26265	26323	26374	26420	27536	LEYLAND 140, 1340 CHRYSLER GENOTO BEDFORD CARGO
	26273	26329	26376	26421	27541	
	26274	26336	26378	26423	27543	
	26282	26337	26379	26427	27545	
12	26284	26341	26384	26431	27547	HEMA M.FERGUSON
	26290	26345	26386	26433	27550	
	26294	26349	26388	26437	27554	
	26295	26351	26389	27304	27556	
Ölçü / Dimension (mm)	26297	26352	26393	27500	27559	9x20x26
	26298	26355	26398	27509	27563	
		26357	26402	27511	27565	

LASX 36 H 54 244 848



Özellikler / Properties	Motor Numarası / Unit No.	Araç Modeli / Vehicle Model
4 LAS 36 H		LUCAS STARTER
Gerilim / Voltage (Volt)	24	
Ölçü / Dimension (mm)	9x20x24,5	

LASX 40-41 542 448 48 (TAB117)



Özellikler / Properties	Motor Numarası / Unit No.				Araç Modeli / Vehicle Model
1-LAS 40 1-LAS 41	M35J	25190	25246	25294	FORD TRANSIT ANADOL BMC AUSTIN PEYKAN
Gerilim / Voltage (Volt)	M35K	25191	25249	25298	
	25137	25204	25250	25299	
	25145	25207	25253	25311	
	25150	25209	25255	25327	
12	25156	25210	25259	25329	
	25157	25213	25262	25330	
	25159	25216	25264	25342	
	25165	25219	25266	25343	
Ölçü / Dimension (mm)	25168	25223	25268	25345	
	25178	25234	25274	25348	
	25180	25238	25276	25368	
	25182	25239	25284	25373	
9/3,5x11,6x15,9	25187	25241	25287	25400	
		25242	25292	60925019	

LASX 41 542 652 16



Özellikler / Properties	Motor Numarası / Unit No.				Araç Modeli / Vehicle Model
2-LAS 41	M35J	25190	25246	25294	FORD TRANSIT ANADOL BMC AUSTIN
Gerilim / Voltage (Volt)	M35K	25191	25249	25298	
	25137	25204	25250	25299	
	25145	25207	25253	25311	
	25150	25209	25255	25327	
12	25156	25210	25259	25329	
	25157	25213	25262	25330	
	25159	25216	25264	25342	
	25165	25219	25266	25343	
Ölçü / Dimension (mm)	25168	25223	25268	25345	
	25178	25234	25274	25348	
	25180	25238	25276	25368	
	25182	25239	25284	25373	
9/3,5x11,6x15,9	25187	25241	25287	25400	
		25242	25292	60925019	

Takım Sipariş Kodu / Set Order Code

 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

LASX 42

542 449 79


4-LAS 42

 M 50
M 127

MASSEY FERGUSON

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

9x20x26
LASX 44-45

60600196 (TAB 116)


**1-LAS 44
1-LAS 45**

 25631
25659
25668
25670
25677
25683
25694
25697
25700
25701
25745
M 100

**LAND ROVER
COMMER
AUSTIN**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

10,3/4,7x13,3x17,5
LASX 46-47-48

606 002 05 (TAB114)


**1-LAS 46
1-LAS 47
1-LAS 48**

 25696
M 100

LANDROVER

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

10,3/4,7x13,3x17,5
LASX 73-41

 606 007 67 (TAB 103)
993 730 3

**1-LAS 41
2-LAS 73**

 25326
25331
25333
25335
25340
25344
25349
25351
25354
25357
25359
25362
25365
25366

 25369
25372
25374
25380
25382
25385
25387
25389
25397
25398
25404
25405
25410
25411

FIAT

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

9/3,5x11,6x15,9

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

LASX 75

606 009 36
606 009 46
606 009 44



4-LAS 75

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6,8x13,8x9,4

26701
26701A
26701J
26702E/K
26707
26707A
26707A/L
26713
26713A
26713A/D
26713D
26715
26715B
26716
26716B

ROVER

LASX 76

606 009 20
606 009 19



4-LAS 76

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

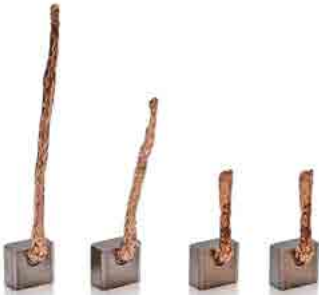
6,8x19,8x9,4

26903B/D 26917 26928A
26905A/D 26917A 26929
26907B 26918 26929A/B
26908 26918D 26930
26908A/B 26920 26930A
26909 26920A/E 26931
26909B/D 26922 26931A/B
26911 26922B 26932
26911B/D 26923 26932A
26912 26923A/D 26935
26912E 26924 26935B
26913 26924B 26936
26913A 26927 26936B
26914 26927A
26914A/F 26928

FORD

LASX 86-79-80

606 009 53 (TAB 136)



2-LAS 86/0
1-LAS 79
1-LAS 80

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x13,7x12

26604 26647A/E
26604E/J 26659
26606 26659B/D
26606E/H 26660
26607 26660B/D
26607E/J 26662
26631 26662A
26631A/D 26663
26633 26663A
26633A/B 26667
26645E 26667B
26646 26690
26646B/D 26693
26647 26694
26814D

VOLKSWAGEN

LASX 87-77-78

606 009 11 (TAB131)



2-LAS 87/0
1-LAS 77
1-LAS 78

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x13,7x12

26622
26619A/D
26619
26614B/D
26614

ROVER

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 16-17**1-JAS 16**
2-JAS 17MOT84881
MOT85381
36100-38090
M60081
M60082**HYUNDAI** SANTA FE
SONATA
KIA OPTIMA
SORENTOGerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**4,5x12x15,5**

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

MASX 13-14

723 632 01,099 277 91
723 632 02,099 277 92



MAS 13

MAS 14

2-MAS 13
2-MAS 14

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

8x25x23

MT67A 632 167 01
MT67AA 632 167 04
MT67AB 632 167 06
MT67AC 632 167 08
MT67B 632 167 10
MT67BA 632 167 25
MT67C 632 167 27
MT67CA 632 167 33
MT67D 632 167 38
MT67DA 632 167 40
MT67DB 632 167 47
MT67F 632 167 48
MT67FA 632 167 63
MT67FB
MT67G
MT67H
MT67L

FIAT MARELLI

MASX 15-16

723 632 03, 04
992 908 0
992 844 8



MAS 15

MAS 16

2-MAS 15
2-MAS 16

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

10x25x23

723 632 04 632 168 02
MT68AA 632 168 08
MT68AB 632 168 11
MT68BA 632 168 14
MT68H 632 168 15
MT68LA 632 168 16
MT68LB 632 168 25
MT68M 632 168 26
MT68MA 632 168 27
MT68MB 632 168 33
MT68P 632 168 51
MT68PA 632 168 59
MT68Q 632 168 74
MT68QA 632 168 73
MT68R 632 168 76
632 168 98

RENAULT COMMERCIAL

MASX 17-18

723 837 01, 02
099 565 56
099 565 52



MAS 17

MAS 18

2-MAS 17
2-MAS 18

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

9x16x23

MT71A 632 171 01
MT71D 632 171 04
MT71E 632 171 08
MT- 632 171 10
71FA 632 171 12
MT71H 632 171 16
MT71L 632 171 21
MT- 632 171 25
71LA 632 171 38
MT71N 632 171 47
MT71R 632 171 73
MT71S 632 171 82
MT71T 632 174 01
MT71U 632 174 02
MT71V 632 174 03
MT71Z 632 174 04

FORD TRANSIT
DAILY

MASX 19-20

723 837 03/05
723 837 04/06



MAS 20

MAS 19

2-MAS 19
2-MAS 20

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

9x16x23

MT72AB
632 172 25

FIAT KAMYON/TRUCK

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
MASX 21-22

 721 650 01
721 659 01

MAS 21
MAS 22
MA 1221

 MT 67 AD
632 167 41
632 167 31
MT 67 CB

**2-MAS 21
2-MAS 22**

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

8x25x23
IVECO EUROCARGO,
FIAT ALLIS
MK
ZETA

MASX 23-24

 721 647 01
721 658 01

MAS 23
MAS 24
MA 3241

 MT 68 AD
MT 68 LC
MT 68 MC
MT 68 PA
MT 68 PB
MT 68 RA
MT 68 S
MT 68 T
632 168 17
632 168 18
632 168 31
632 168 52
632 168 61
632 168 84
632 168 96

**2-MAS 23
2-MAS 24**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

10x25x23
CHRYSLER DODGE
DESOTO
FARGO
FIAT TRAKTÖR /
TRACTOR
FORD CARGO
GENOTO
BEDFORD

**JOHN DEERE
LOMBARDINI
M. FERGUSON**
MASX 25-26

 721 641 01
721 660 01

MAS 25
MAS 26
MA 5261

 MT 71 AB 632 171 26
MT 71 DB 632 171 48
MT 71 FB 632 171 54
MT 71 GB 632 171 56
MT 71 HB 632 171 58
MT 71 RB 632 171 63
MT 71 SB 632 171 80
MT 71 LA 632 171 86
MT 71 TA 632 171 88
MT 71 UA 632 171 97
MT 71 VA 632 174 07
MT 74 AA 632 174 08
MT 74 BA 632 174 10
MT 74 DA 632 174 25
632 174 33
632 174 47

**2-MAS 25
2-MAS 26**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

9x16x23
BMC
LEYLAND
FIAT ALLIS
TRAKTÖR/TRACTOR
FORD TRANSIT
GENOTO BEDFORD
OTOKAR DEUTZ, TOE
STEYA
UZEL
M. FERGUSON
MASX 27-28

 721 641 02
721 657 01

MAS 27
MAS 28
MA 7281

 MT 72 AB
632 172 26

**2-MAS 27
2-MAS 28**

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

9x16x23
ISUZU
FIAT
OTOYOL
IVECO

Takım Sipariş Kodu / Set Order Code

MASX 2972363203
72363204

MAS 29 B

MAS 29 A

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

2-MAS 29A
2-MAS 29BGerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

10x25x23

4702248	63216859	MT68LB
4737755	63216873	MT68LC
63216802	63216874	MT68M
63216808	63216876	MT68MA
63216811	63216898	MT68MB
63216814	MT68AA	MT68P
63216815	MT68AB	MT68PA
63216816	MT68AC	MT68Q
63216825	MT68AD	MT68QA
63216826	MT68B	MT68R
63216827	MT68BA	MT68RA
63216833	MT68H	
63216851	MT68LA	

ISUZU
BMC
LEYLAND
CHRYSLER
DODGE
FARGO
FIAT TRAKTÖR/TRACTOR
FORD TRANSIT, CARGO
JOHN DEERE
OTOKAR
IVECO
M. FERGUSON

MASX 29 H

MAS 29H B

MAS 29H A

2-MAS 29HA
2-MAS 29HBGerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

10x25x23

ISUZU
BMC
LEYLAND
CHRYSLER
DODGE
FARGO
FIAT TRAKTÖR/ TRACTOR
FORD TRANSIT, CARGO
JOHN DEERE
OTOKAR
IVECO
M. FERGUSON

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
FJ 003-004
ME 700541

**2-FJ 003
2-FJ 004**

 23380-37500
24370-54008

mitsubishi
MIDIBUS / VAN
OTOBÜS / BUS
TRAKTÖR/TRACTOR

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8x24x20
FJ 015
UE 700541

4-FJ 015

 23380-37502
49207-1001
49206-1001

mitsubishi MARATON

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

8x24x20
JASX 23
M648D10471

4-JAS 23

 0135 18 445A
MD602594
SM302-02
SM302-07
SM302-08
SM-302-18
31200-PC6-663
31200-PD2-663
31200-PE0-664
31200-PE1-674
31200-PH3-953
0135 18 444A
MD602593

**MAZDA
mitsubishi**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6,0x14x16
JASX 29
**M648 C101 71
M648 C106 71**

4-JAS 29

 0603-23-643
E64457044M
23380-10611
23380-21010

MAZDA FAMILIA
SUNNY
**DATSUN
mitsubishi
NISSAN**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6,8x16,5x14

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 40-41M647 C00 271,272
M648 C311 71

JAS 40



JAS 41

MI 0411

1-JAS 40
2-JAS 41Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4,5x12x17,5

M1T60381	M1T71281B
M1T70281	M1T71481
M1T70481	M1T71481A
M1T70781	M1T71881
M1T70781A	M1T71881A
M1T70881	M1T72583
M1T70881A	M1T72985A
M1T70981	M1T75581
M1T70982A	M1T77381
M1T70985	M1T77581
M1T71281	23380-421-70
M1T71281A	233379-AA 000

MAZDA	
MITSUBISHI	
NISSAN	
HYUNDAI	ACCENT

JASX 42-43M647 C003 71
M648 C329 71

JAS 42



JAS 43

MI 2431

1-JAS 42
2-JAS 43Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4,5x18x17,5

M1T70381
M1T70485
M1T71781
M1T74081
M1T74181
M1T74281
M1T74381
M1T74481
M1T74581
M1T90281
N327-18-X66
MD 611 918

MAZDA
MITSUBISHI

JASX 44-28M647 X034 71,04571
M647 X055 71,05871

JAS 28



JAS 44

1-JAS 44
1-JAS 28Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4,5x12x12,5

M1T60285

NISSAN	
FORD	DIESEL

JASX 44-28/0M647 X034 71, 04571
M647 X055 71, 05871

JAS 44



JAS 28/0



MI 4281

1-JAS 44
2-JAS 28/0Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4,5x12x12,5

M1T60285

RENAULT	KANGOO 1,5
	DIESEL

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
JASX 44-28/00

MI 4282

 MOT20871
M321X45071

**CITROEN
FIAT
PEUGEOT**
**1-JAS 44
2-JAS 28/00**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

4,5x12x12,5
JASX 45-46
**M647C00171
M648C16471**

**1-JAS 45
2-JAS 46**

 M648C20371
M648C22371
M648C24471
M648C24472
M648D20671
M648D20771
0839-24-723
MM502019
MM502135
23379-37504
23379-99008
23379-J2000
23380-37504
23380-37505
23380-J2000
29042-L7000
29142-L5000
29142-L7005
29242-L4005

MITSUBISHI

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

4,5x10x17,5
JASX 47-48
**M648C20371
M648C22371
M648C24471
M648C24472
M648D20671
M648D20771**

**2-JAS 47
2-JAS 48**

 0839-24-723
MM502019
MM502135
23379-37504
23379-99008
23379-J2000
23380-37504
23380-37505
23380-J2000
29042-L7000
29142-L5000
29142-L7005
29242-L4005

**MAZDA
MITSUBISHI
NISSAN**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6,5 x 19 x 19,3
JASX 68-73
M647 C008 71

**1-JAS 68
2-JAS 73**

 M1T70483
M1T72581
M1T72583
M1T73281
M1T73283
M1T73383
M1T77681
MD 611 731

**MITSUBISHI COLT
MAZDA 323
NISSAN ALM**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

4,5x12x16,5

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 69-70

M648 C121 70
M648 C137 70



JAS 70

JAS 69

2-JAS 69
2-JAS 70

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6,8x11,8x17,2

M2T 20181 M2T 20181D M2T 30385 M2T 30481 M2T 32281 M2T 32782D M2T 37081 M2T 41181 M2T 41182 M2T 42381 M2T 42481 M2T 42781 M2T 42981 M2T 43081 M2T 44081 M2T 48081 M2T 49281 M2T 49282 M3T 21281D M3T 21281 M3T 21282D	M3T 22681 M3T 27686D M3T 27686H M3T 27686N M3T 30081 M3T 30082 M3T 30088 M3T 30281 M3T 30282 M3T 30285 M3T 30286 M3T 30381 M3T 30382 M3T 30382B M3T 30382C M3T 30385 M3T 30388 M3T 30388A M3T 30388B M3T 30388C M3T 30388D M3T 30388E M3T 30388F M3T 30388G M3T 30388H M3T 30388I M3T 30388J M3T 30388K M3T 30388L M3T 30388M M3T 30388N M3T 30388O M3T 30388P M3T 30388Q M3T 30388R M3T 30388S M3T 30388T M3T 30388U M3T 30388V M3T 30388W M3T 30388X M3T 30388Y M3T 30388Z	M3T 33081 M3T 33481 M3T 33585 M3T 33586 M3T 33586A M3T 33586D M3T 33587 M3T 33981 M3T 33981H M3T 34081 M3T 34082 M3T 36081 M3T 38881B M3T 38882 M3T 38882A M3T 38882B M3T 38882C M3T 38885 M3T 38981 M3T 39385 M3T 39781 M3T 41081	M3T 41083 M3T 41481 M3T 41881 M3T 42681 M3T 48181 M3T 49381 M3T 49585 M3T 49781 JM1SX 100 0222-24-753 N202-24-750 MD602468 23378-N5911 23380-U0110 JM1SX 100 31132-72031 0222-24-750 0426-24-753 MD607420 23380-B5010 23380-E3010 31132-72030
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MITSUBISHI
CITROEN
MAZDA
NISSAN
PEUGEOT
SUZUKI

JASX 70

M648 C137 70
M648 C103 71B



MI 1701

4-JAS 70

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6,8x11,8x17,2

M2T23685 M2T51083 M2T54085 M2T25481 M2T52881 M2T51181 M2T25681 M2T53083 M2T50281 M2T53085 M2T50381 M2T53881 M2T51082 M2T53882 M3T10172	M3T10473 M3T19971 M3T21881 M3T24481 M3T25882 M3T27781 M3T10271 M3T10475 M3T20081 M3T21882 M3T24485 M3T25883 M3T29681 M3T10272 M3T10476 M3T20381 M3T22081	M3T24486 M3T25891 M3T32781 M3T10372 M3T10672 M3T20681 M3T22381 M3T24488 M3T26081 M3T19571 M3T21281 M3T22582 M3T25782 M3T27581 M3T15772 M3T20781 M3T22581	M3T25781 M3T26685 M3T 32781ZC M3T19871 M3T21282 M3T22781 M3T25783 M3T27686 N202-24-750 MD 602069 23380-E3010 23378-N5911 0222-24-753 MD 607 949 MM 502 344 23378-N5911
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PERKINS
MITSUBISHI L100-L300
MAZDA RX3, RX7
PEYKAN
NISSAN

JASX 70/K

M648 C137 70
M648 C103 71B



4-JAS 70/K

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6,8x11,8x17,2

M2T23685 M2T51083 M2T54085 M2T25481 M2T52881 M2T51181 M2T25681 M2T53083 M2T50281 M2T53085 M2T50381 M2T53881 M2T51082 M2T53882 M3T10172	M3T10473 M3T19971 M3T21881 M3T24481 M3T25882 M3T27781 M3T10271 M3T10475 M3T20081 M3T21882 M3T24485 M3T25883 M3T29681 M3T10272 M3T10476 M3T20381 M3T22081	M3T24486 M3T25891 M3T32781 M3T10372 M3T10672 M3T20681 M3T22381 M3T24488 M3T26081 M3T19571 M3T21281 M3T22582 M3T25782 M3T27581 M3T15772 M3T20781 M3T22581	M3T25781 M3T26685 M3T 32781ZC M3T19871 M3T21282 M3T22781 M3T25783 M3T27686 N202-24-750 MD 602069 23380-E3010 23378-N5911 0222-24-753 MD 607 949 MM 502 344 23378-N5911
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PERKINS
MITSUBISHI L100-L300
MAZDA RX3, RX7
PEYKAN
NISSAN

JASX 70 H

M648 C137 70
M648 C103 71B



MI 1702

4-JAS 70 H

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

6,8x11,8x17,2

M2T23685 M2T51083 M2T54085 M2T25481 M2T52881 M2T51181 M2T25681 M2T53083 M2T50281 M2T53085 M2T50381 M2T53881 M2T51082	M2T53882 M3T10172 M3T10473 M3T19971 M3T21881 M3T24481 M3T25882 M3T27781 M3T10271 M3T10475 M3T20081 M3T21882 M3T24485 M3T25883 M3T29681	M3T10272 M3T10476 M3T20381 M3T22081 M3T24486 M3T25891 M3T32781 M3T10372 M3T10672 M3T20681 M3T22381 M3T24488 M3T26081 M3T19571 M3T21281	M3T22582 M3T25782 M3T27581 M3T15772 M3T20781 M3T22581 M3T25781 M3T26685 M3T 32781ZC M3T19871 M3T21282 M3T22781 M3T25783 M3T27686
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MAZDA
MITSUBISHI
CANTER 659 Y.M.

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
JASX 70 H/K
**M648 C137 70
M648 C103 71B**

4-JAS 70 H/K
**Gerilim / Voltage
(Volt)**
24
**Ölçü / Dimension
(mm)**
6,8x11,8x17,2

M2T23685	M3T10473	M3T20381	M3T27581
M2T51083	M3T19971	M3T22081	M3T15772
M2T54085	M3T21881	M3T24486	M3T20781
M2T25481	M3T24481	M3T25891	M3T22581
M2T52881	M3T25882	M3T32781	M3T25781
M2T51181	M3T27781	M3T10372	M3T26685
M2T25681	M3T10271	M3T10672	M3T
M2T53083	M3T10475	M3T20681	32781ZC
M2T50281	M3T20081	M3T22381	M3T19871
M2T53085	M3T21882	M3T24488	M3T21282
M2T50381	M3T24485	M3T26081	M3T22781
M2T53881	M3T25883	M3T19571	M3T25783
M2T51082	M3T29681	M3T21281	M3T27686
M2T53882	M3T10272	M3T22582	
M3T10172	M3T10476	M3T25782	

**MAZDA
MITSUBISHI
CANTER 659 Y.M.**
JASX 71
M648 C256 71

4-JAS 71
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
8x24x17

M2T60071
M2T60072
M2T60073
M2T60171
M2T60172
M2T61171
M3T66071
M3T66072
M3T66073
M3T66074
M3T67171
M3T67172
M3T90071
M3T90072
SE01-24-750
R201-18-X66
MD 611024
ME 700858

**MAZDA
MITSUBISHI PAJERO
GALANT**
JASX 71-72
**M648 C256 71
M648 C256 72**

JAS 72
JAS 71
MI 1711
**2-JAS 71
2-JAS 72**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
8x24x17

R201-18-X66	M2T60171
R201-24-750	M2T60172
S203-24-750	M2T61171
SE01-24-750	M3T66071
ME700290	M3T66072
ME700939	M3T66073
ME700047	M3T66074
M2T60071	M3T67171
M2T60072	M3T67172
M2T60073	M3T90071
	M3T90072

**MAZDA
MITSUBISHI**
JASX 82-83
**M648 C149 70, 71
M648 C148 71
150 70**

JAS 82
JAS 83
**MI 2831
MI 2832**
**2-JAS 82
2-JAS 83**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x10x17

B630-18-X66	M2T41182	M3T30082	M3T32593	M3T38881B
B660-18-X66	M2T42381	M3T30088	M3T32681	M3T38882
E301-24-753	M2T42481	M3T30281	M3T32782	M3T38882A
E501-24-753	M2T42781	M3T30282	M3T32782D	M3T38882B
MD607556	M2T42881	M3T30285	M3T32985	M3T38882C
23379-M8310	M2T42981	M3T30286	M3T32986	M3T38885
23380-M8311	M2T43081	M3T30381	M3T32988	M3T38981
31131-80090	M2T44081	M3T30382	M3T33081	M3T39385
E301-24-750	M2T48081	M3T30581	M3T33481	M3T39781
MD607554	M2T49281	M3T30583	M3T33585	M3T41081
31132-80090	M2T49282	M3T30782	M3T33586	M3T41083
M2T20181	M3T21281D	M3T30881	M3T33586A	M3T41481
M2T20181D	M3T21381	M3T32081	M3T33586D	M3T41881
M2T30385	M3T21882D	M3T32082	M3T33587	M3T42681
M2T30481	M3T22681	M3T32381	M3T33981	M3T48181
M2T32281	M3T27686D	M3T32382	M3T33981H	M3T49381
M2T32782D	M3T27686H	M3T32581-5	M3T34081	M3T49585
M2T37081	M3T27686N	M3T32591	M3T34082	M3T49781
M2T41181	M3T30081	M3T32592	M3T36081	

**MAZDA
NISSAN
SUZUKI
SUBARU**

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 90



4-JAS 90

1456-24-723
1456-24-750
MD607461
23378-W2810

MAZDA
MITSUBISHI
NISSAN

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8x20x17

JASX 91



4-JAS 91

M1T50172
M001T50172
M001T50171
JMTSX101

MITSUBISHI
NISSAN
PEUGEOT

205
305
405
BOXER
BX
XM
XANTIA
BERLINGO
SCUDO

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x14x16

JASX 96-97

M648 C263 71



MI 6971

ME701169
23330-T9000
ME700140
M2T54272
M2T54471
M2T54572
M2T54771
M2T56171
M2T56181
M2T56182
M2T56185
M2T56272
M2T56471
M2T56871
M2T57271
M2T57371
M2T57771
M2T61071

M2T61072
M2T62271
M2T62971
M2T64271
M2T67883
M2T74171
M2T74371
M2T92071
M2T92071A
M2T92171
M2T65272
M2T66871
M2T66873
M2T67871
M2T67873
M2T67881
M2T92172
M2T92172A

MITSUBISHI CANTER 429

2-JAS 96
2-JAS 97

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

6,8x18x18

JASX 96-97/K

M648 C263 71



2-JAS 96 K
2-JAS 97 K

ME701169
23330-T9000
ME700140
M2T54272
M2T54471
M2T54572
M2T54771
M2T56171
M2T56181
M2T56182
M2T56185
M2T56272
M2T56471
M2T56871
M2T57271
M2T57371
M2T57771
M2T61071

M2T61072
M2T62271
M2T62971
M2T64271
M2T67883
M2T74171
M2T74371
M2T92071
M2T92071A
M2T92171
M2T65272
M2T66871
M2T66873
M2T67871
M2T67873
M2T67881
M2T92172
M2T92172A

MITSUBISHI CANTER 429

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

6,8x18x18

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
JASX 98-99
**M648 C153 72
M648 C154 72**

JAS 99
JAS 98
MI 8991
**2-JAS 98
2-JAS 99**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
6,8x18x18

8599-24-750
MD 618 460
ME701118
23378-W3410
ME700127
S13106E
S13112
S13127C
S13131
S13137A
S1389B
S1403

**MAZDA
MITSUBISHI
NISSAN**
JASX 98-99/K
**M648 C153 72
M648 C154 72**

JAS 98/K
JAS 99/K
**2-JAS 98/K
2-JAS 99/K**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
6,8x18x18

8599-24-750
MD 618 460
ME701118
23378-W3410
ME700127
S13106E
S13112
S13127C
S13131
S13137A
S1389B
S1403

**MITSUBISHI CANTER L300
MAZDA
NISSAN**
JASX 100
M648C35871

**MI 1001
4-JAS 100**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
4,3x12x12.3

MOT20871

**CITROEN BERLINGO
C4,C5
EVASION
JUMPER
XANTIA
FIAT SCUDO
PEUGEOT ULYSSE
BOXER
EXPERT**
JASX 103-104

JAS 104
JAS 103
**MI1041
MI1042**
**2-JAS 103
2-JAS 104**
**Gerilim / Voltage
(Volt)**
24
**Ölçü / Dimension
(mm)**
8X30X18,2

M009T60671
M9T60371
M9T60671
M9T60672
M9T60471
M9T61171

RENAULT

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 21 (4)**4-JAS 21**D7RSA7
D7RS7
SM302
31208-PC2-681**HONDA** CIVIC
CRX DEL SOL
ACCURA
KOHLERGerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6x14x15****JASX 24-25****2-JAS 24**
1-JAS 25187387-390
D7RSA 4
31200 P45C0
SM402
186169
D7RSA 8
D7RSA 9
D7RSA 10
D7RSA 11**HONDA** ACCORD
PRELUDEGerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**5x17x16,5**

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 1028530-0932
1020
1030**2-JAS 1**M648C12370
M648C12170
M002T10171
M002T20181A
M002T20281
M002T10171
M002T20181A
M003T10476
M003T10672
M003T11174M003T11272
M003T12572
028000-8411
028000-9133
028000-9872
028000-9882
128000-1431
128000-4461
128000-4590**YAMAHA** MOTORCYCLE
KAWASAKI MOTORCYCLE
HONDA MOTORCYCLE
SUZUKI MOTORCYCLEGerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6x9x12,5****JASX 2**

1 004 320 251

**2-JAS 2**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**5x10x12,5**

MOTORCYCLE

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
JASX 10-11
**028520-1090
028530-1100**

JAS 10
JAS 11
ND 0111

128000 049	128000 572
128000 245	128000 573
128000 247	1-8116-048-0
128000 256	1-8116-049-0
128000 274	228000-331
128000 422	228000-332
128000 468	228000-573
128000 491	228000-585
128000 537	228000-700
128000 551	
128000 562	

**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
10x30x20
**ISUZU
CATERPILLAR
CUMMINS
DODGE**
 TRAKTÖR / TRACTOR
GMC TRAKTÖR / TRACTOR

JASX 14
28531-0110

JAS 14A
JAS 14B
**2-JAS 14A
2-JAS 14B**

28142-21010
9-8211-1649-0
0180-23-756
K437 450-0
MD604067
89207-8602
31131-75011
28142-21010
89207-49206
89207-7202

**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x12x16
**DAIHATSU
ISUZU
MAZDA
MITSUBISHI
SUBARU
SUZUKI
TOYOTA**
JASX 18-19

JASX 18
JASX 19
**2-JAS 18
2-JAS 19**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x13x15,5
**BRIGGS & STRATTON
ENGINES
CATERPILLAR
DAIHATSU MOTOR CO HONDA
ACURA
ISUZU
JOHN DEERE
KAWASAKI
SUBARU
TOYOTA
YANMAR**
JASX 22

4-JAS 22
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x12x19

28531-0300	028000 4840
28142-10011	028000 5070
89206-8702	028000 5071
89206-8602	028000 5350
9243-7312	028000 5720
28142-10011	028000 6070
0208-23-756	028000 6330
MD 604 240	028000 6510
31131-55010	028000 6511
31131-55011	028000 6790
31131-75111	028000 7270
028000 4490	028000 7311
028000 4651	028000 9690
028000 4790	

**TOYOTA
ISUZU
MAZDA
MITSUBISHI
SUZUKI
SUBARU
DAIHATSU**

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 35

28530-0480

**4-JAS 35**R50927
MF022002
28142-47021
MD604256
28142-76010
28142-77040Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**9x30x26**J. DEERE
MITSUBISHI
TOYOTA
CATERPILLAR
HINO
ISUZU
JOHN DEERE
MERCURY MARINE
ONAN**JASX 39**

028099-5450

**4-JAS 39**28142-87504-000
31211-PH9-004
8-94455-168-0
8-94455-167-0
MD 604 643
209705-5108
31131-51A10
28142-10029
128000 2520
128000 2631
128000 2800
128000 2820
128000 2980
128000 3090
128000 3530
128000 4060
128000 4230Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6,5x8x10**DAIHATSU
HONDA
ISUZU
MITSUBISHI
SUBARU
SUZUKI
TOYOTA**JASX 39 C**

028531-5050

**MI 1391
4-JAS 39**128000 2520
128000 2631
128000 2800
128000 2820
128000 2980
128000 3090
128000 3530
128000 4060
128000 4230Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6,5x8x10**MAZDA
SUZUKI
FRONTE, ALTO
CARRY
PEUGEOT 106
RENAULT 19
CITROEN**JASX 52**

028099-6180

**ND 0521**4280001590
28142-87204-000
8-94377-262-0
8-94367-795-0
028099-6180
31131-51A10
28142-70020
1280005210
1280005211
1280005680
1280005682**4-JAS 52**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6.5x13x14**TOYOTA
DAIHATSU
ISUZU
MAZDA
SUZUKI

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
JASX 53
028510-0760

2-JAS 53

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7,5x13x18

 28140-87703-000
31231-679-014
5-81119-004-0
8-94135-730-0
49243-6002
31131-79010
31173-79010

**DAIHATSU
HONDA
ISUZU
SUBARU
SUZUKI**
JASX 63
**28531-0380
28531-0480
28531-0490**

4-JAS 63

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x12x16

 28142-25011
28142-25011
31231-679-004
28142-87502
31211-657-006
280004042
280004500
280004700
280000900

**TOYOTA
HONDA
DAIHATSU**
JASX 77-78
028099-3550

JAS 78
JAS 77
ND 7781
**2-JAS 77
2-JAS 78**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8x25x15

2280000200	280007000	1280000832
28140-54070-000	280007001	1280000960
28140-64040-000	280007370	1280001040
28140-87706-000	280007373	1280003101
5-81116-040-0	280007740	1280003250
5-81118-021-0	280007790	1280003260
8-94167-430-0	280007791	1280003420
028510-0640	280008130	1280005350
RE01-24-750	280008760	1280005760
28140-54070	280008762	1280007382
28140-64040	280009830	1280009560
2280000391	280000040	1280009592
	1280000570	

TOYOTA CROWN DIESEL
ISUZU
KOMATSU
MAZDA
DAIHATSU
JASX 77-78 H
028510-0640

JAS 77H
JAS 78H
**2-JAS 77 H
2-JAS 78 H**

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

8x25x15

280007000	1280000832
280007001	1280000960
280007370	1280001040
280007373	1280003101
280007740	1280003250
280007790	1280003260
280007791	1280003420
280008130	1280005350
280008760	1280005760
280008762	1280007382
280009830	1280009560
280000040	1280009592
1280000570	2280000391
	2280000200

MAZDA MİNİBUS / VAN
KAMYONET / PICKUP
ISUZU NCR
DAIHATSU
KOMATSU

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 790-23740-0200
0210

JASX 79A

JASX 79B

ND 0791

228000-304408
8-94178-053-0
8-94178-054-0
8-94437-921-0
228000-304326
8-94437-920-02-JAS 79A
2-JAS 79BGerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x25x15,5

ISUZU
CARRIER TRANSICOLD
CASE
CHRYSLER
HONDA
ACURA
HYSTER
ISHIKAWAJIMA
KUBOTA
LEXUS
NEW HOLLAND SBA
THERMO KING
TOYOTA**JASX 84**028510-0441
028531-0450

ND 0841

28140-34030 49243-7212 280004000
28140-87701-000 28140-34030 280004020
28140-87704-000 23378-AA040 280004200
28140-87710-000 49243-7302 280004243
31208-657-0040 49243-7502 280004340
31208-657-300 28140-64130 280004510
31208-PH7-661 28140-65020 280004730
31208-PR4-0030 28142-34030 280004940
21170-53608 28140-74010 280004990
02851-00590 28140-74020
02851-00441 28140-74070
23378-AA050 28140-76070

4-JAS 84

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x16x14

TOYOTA CORONA
COROLLA
CARINA
CAMMRY
CELICA
ACCORD
HONDA
DAIHATSU**JASX 85**28140-15010
28531-0680

ND 0851

0280005335 0280007460 1280000351
0280006494 0280007461 1280001200
0280006520 0280007470 1280001610
0280006813 0280007520 1280001620
0280006822 0280007521 1280001621
0280006823 0280007580 1280001861
0280007092 0280007581 1280001862
0280007093 0280007981 1280002050
0280007100 0280008040 1280002430
0280007280 0280009010 1280002431
0280007290 0280009490 1280002540
0280007330 0280009500 1280002861
0280007331 0280009501 1280005240
0280007332 0280009900 1280006240
0280007440 0280009901 1280008130

4-JAS 85

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6.5x10x16

TOYOTA FORKLIFT

JASX 86-87

028510-0750



JASX 86

JASX 87

2-JAS 86
2-JAS 8728140-15090
31208-PC2-661
28140-15090Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x16x16

DAIHATSU
HONDA ACCORD
INTEGRA
COROLLA
TOYOTA

Takım Sipariş Kodu / Set Order Code

 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

HYUNDAI ERA

HYUNDAI ERA/A



HYUNDAI ERA/B


ND 2011

3610003100

**HYUNDAI ACCENT, i10,
i20, i30**
**2-H.ERA/A
1-H.ERA/B**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

5x10,6x12,5
JASX 88

28531-0632


JAS 88 A

JAS 88 B
ND 0881

0280005510	0280006870	1280003080
0280005530	0280006880	1280003512
0280005550	0280006891	1280006170
0280005560	0280006950	1280006171
0280005832	0280007240	1280006830
0280005833	0280007241	1280006920
0280005840	0280007451	1280007280
0280005850	0280007810	1280007281
0280005860	0280008070	1280007282
0280005862	0280008500	1280007920
0280006010	1280000550	1280007921
0280006022	1280001570	1280007922
0280006290	1280001571	1280008620
0280006310	1280001700	1280009580
0280006340	1280001760	1280009581
0280006460	1280001790	2810064080
	1280002930	

**HINO
ISUZU
MITSUBISHI
TOYOTA**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8x25x21
JASX 89

 028099-3430,3950
028510-0460,0660
028531-0720,0730

4-JAS 89

0280002060	0280009121	1280001441	1280006780
0280004343	0280009260	1280002040	1280007200
0280005060	0280009510	1280002210	1280007390
0280005821	0280009720	1280002830	1280007500
0280005911	0280009860	1280003340	1280008070
0280005912	01280000120	1280003380	1280008200
0280006000	01280000220	1280003381	1280002060
0280006030	01280000280	1280003470	1280003480
0280006140	01280000620	1280003710	1280005780
0280006260	01280000622	1280004420	1280006870
0280006261	01280000710	1280004840	1280002130
0280006701	01280000720	1280005080	1280003481
0280007190	01280000740	1280005630	1280005781
0280007321	01280001151	1280005700	1280007190
0280008000	01280001220	1280005840	
0280008570	1280001230	1280005941	
0280008620	1280001260	1280005951	
0280008980	1280001370	1280005952	
0280009070	1280001440	1280006300	

TOYOTA CORONA
COROLLA
CARINA
CELICA

**HONDA
ISUZU**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x16x14
JASX 101-102
JAS 102

JAS 101

ND 1021

 428000-0670
428000-0680
428000-0700
428000-1640
428000-1750

**1-JAS 101
2-JAS 102**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

4.5x14x10.5

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 105-106

ND 1061

228000-9900
228000-9901
228000-9902
428000-0150
428000-0151
428000-0152
428000-1080
428000-3090TOYOTA
LEXUS1-JAS 105
1-JAS 106Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4,5/7X8,5X16

K 014

ND 0141

428000-5510
428000-5511
DSN967

M.BENZ

2-K 014 A
1-K 014 BGerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4,5X19X16

K 015

ND 0151

TOYOTA

2-K 015 A
1-K 015 BGerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4,5X14X16

K 0221-K022 A
1-K022 BTM000A27301
VALEO
TM000A27601
VALEO
TM000A31001
VALEO
TM000A37001
VALEOHYUNDAI ACCENT
ATOS
COUPE
ELANTRA
EXCEL
GETZ
MATRIX
SONATA
KIA CERATO
JOICE
RIOGerilim / Voltage
(Volt)

12

Ölçü / Dimen-
sion (mm)

5,1x10,8x12,4

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
HYUNDAI ACCENT BLUE

**4-HYUNDAI
ACCENT BLUE**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

5X13X12
**HYUNDAI
KIA**
HYUNDAI H1

HYUNDAI H1/A
HYUNDAI H1/B
**2-HYUNDAI-H1A
1-HYUNDAI-H1B**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

4,5x20x14

 36180 2E200
36180 4A200

HYUNDAI H1 2.5CRDI 2008
KIA K2500 2.5 CRDI
2010

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

PLSX 1

133-4 061

**2-PLS 1**162-10-08/12
1043-047/6
409-8041-00/22
10-200-4009

SKODA

Gerilim / Voltage
(Volt)**6/12**Ölçü / Dimension
(mm)**7x16x22****PLSX 3**110-904 300,
02-8480-82**4-PLS 3**443115142071
443115142110
443115142112
443115142350

SKODA

Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8x12x22****PLSX 4**

93-22-32

**4-PLS 4**443 115 144 44
443 115 144 722

SKODA

Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8,8x26,6x26****PLSX 5**

344 112 021

**4-PLS 5**443 115 141 310
443 115 141 311SKODA FELICIA
FAVORIT, FABIAGerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6x12,5x12,5**

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
PSX 28-29

**2-PS 28
2-PS 29**

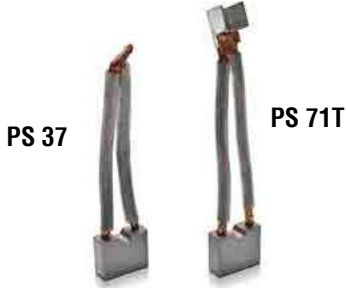
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x18x14

D11 B30

**CITROEN
PERKINS
IHC
MASSEY FERGUSON**
PSX 37-71T
75592

**1-PS 37
1-PS 71**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x18x14

 D11E140
DBE50
DBE54
DBE70
DBE86
DBE94
DBE97

**CITROEN
PERKINS
IHC
MASSEY FERGUSON**
PSX 71-92
73829

**1-PS 71
1-PS 92**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x18x14

 D8E21 D8E63
D8E22 D8E64
D8E27 D8E66
D8E30 D8E68
D8E31 D8E70
D8E37 D8E76
D8E41 D8E86
D8E43 D8E94
D8E49 D8E96
D8E50 D8E97
D8E54 D8E98
D8E57 D8E104
D8E58 D8E106
D8E60

**CITROEN C25
FIAT DUCATO
PEUGEOT 404, 504, J5**
PSX 81-82
**72631G
300679**

**2-PS 81
2-PS 82**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

10x25x17

 D11E92 D11E146
D11E92T D11E153
D11E104 D11E153T
D11E117 D11E154
D11E119T D11E155
D11E121 D11E169
D11E127 D11E173
D11E129 D11E176
D11E129T D11E178
D11E137 D11E202
D11E141

**PEUGEOT
RENAULT**

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

PSX 83-8471 630F
182 132
182 145

PS 83

PS 84

2-PS 83
2-PS 84Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

10x25x17

D11E81	D11E103	D13E66T	D13E85
D11E81T	D11E114	D13E69	D13E88
D11E88	D11E122	D13E69T	D13E90
D11E89	D11E122T	D13E70	D13E90TE
D11E89T	D11E124	D13E70T	D13E95
D11E89TE	D11E125	D13E71	D13E90TE
D11E90	D11E128	D13E73	D13E100TE
D11E90T	D11E128T	D13E73TE	D13E101TE
D11E98	D11E130	D13E74	D13E104TE
D11E98T	D11E138T	D13E74TE	D13E105
D11E98TE	D11E149	D13E81	D13E108TE
D11E99	D13E63	D13E81T	D13E111
D11E99T	D13E63T	D13E82	D13E112
	D13E64	D13E82T	D13E116
	D13E65	D13E83	
	D13E66	D13E84	

PSX 89-90

594286



PS 90

PS 89

2-PS 89
2-PS 90Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

10x25x20

D13HP601
D13HP605DAF
SCANIA**PSX 98-99**

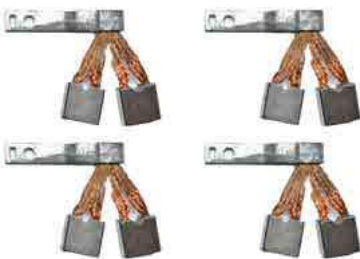
75 707P

2-PS 98
2-PS 99Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

10x18x14

D11E126
D11E135
D11E148
D11E156
D11E161
D11E184
D11E188
D11E191
D11E192
D11E195PEUGEOT
KAMYON / TRUCK
RENAULT**PSX 112**78 900U
182 146

4-PS 112

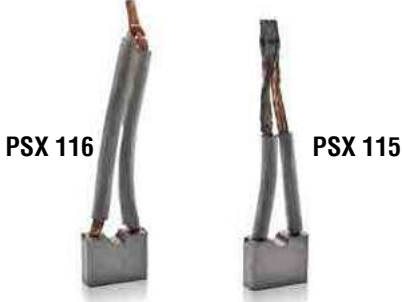
Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

10x18x17

D13E76
D13E77
D13E86TE
D13E87TE
D13E93TE
D13E94TE
D13E96TE
D13E98TE
D13E107TE
D13E109TE
D13E110TECATERPILLAR
L-D 955

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
PSX 115-116
**92 655V
182 064**

**1-PS 115
1-PS 116**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x18x14

D8E21	D8E77	D8E113	D8E144		
D8E22	D8E78	D8E114	D8E147	D9E34	
D8E25	D8E81	D8E115	D8E151	D9E35	
D8E27	D8E82	D8E117	D8E152	D9E37	
D8E30	D8E83	D8E118	D8E158	D9E41	
D8E31	D8E84	D8E119	D9E7	D10E43	
D8E37	D8E86	D8E120	D9E9	D10E48	
D8E41	D8E87	D8E121	D9E11	D10E49	
D8E43	D8E8	D8E122	D9E12	D10E50	
D8E49	D8E89	D8E123	D9E14	D10E53	
D8E50	D8E94	D8E126	D9E15	D10E54	
D8E54	D8E95	D8E124	D9E16	D10E57	
D8E58	D8E96	D8E125	D9E17	D10E63	
D8E59	D8E97	D8E129	D9E22	D10E64	
D8E60	D8E98	D8E132	D9E18	D10E65	
D8E64	D8E102	D8E136	D9E19	D10E69	
D8E66	D8E104	D8E134	D9E20	D10E76	
D8E70	D8E106	D8E137	D9E21	D10E80	
D8E71	D8E108	D8E139	D9E26	D10E84	
D8E75	D8E109	D8E140	D9E27	D10E86	
D8E76	D8E112	D8E142	D9E28		

**PEUGEOT
RENAULT**
PSX 119-120
**182 070
182 072**

**1-PS 119
1-PS 120**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x15x14

92 656W	D8E74
78 166L	D8E80
D8E26	D8E90
D8E29	D8E91
D8E34	D8E92
D8E35	D8E93
D8E40	D8E99
D8E44	D8E103
D8E45	D8E107
D8E46	D8E111
D8E51	D8E116
D8E52	D8E130
D8E62	D8E131
D8E65	D8E141
D8E67	D8E148
D8E73	D8E154

**CITROEN BX
C15
VISA
PEUGEOT 205
RENAULT 14**
PSX 122-123-124
182 073

**1-PS 122
1-PS 123
1-PS 124**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
**9,7/
4,2x12,4x15**

92 765Z
D8E145
D8E153
D8E155
D8E157

**ALFA ROMEO 75
90
VW GOLF
SCIROCCO
CITROEN GS**
PSX 129
**92 878G
182 065
594 065**

VA 1291
**1-PS 129 A
2-PS 129 B**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
10,6/6,1x10,3x15

D9E31	D9E79
D9E40	D9E85
D9E43	D9E87
D9E44	D9E95
D9E45	D9E98
D9E46	D9E140
D9E49	D9E200
D9E50	D9E238
D9E51	D9E300
D9E52	D9E771
D9E53	D9E772
D9E54	D9E773
D9E55	D9E774
D9E62	D9E776
D9E74	D9E851
D9E75	D9E852
D9E77	

**RENAULT 9, 11, 19, 21
CLIO, MEGANE
VOLKSWAGEN TRANSPORTER
JETTA
PASSAT**

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

PSX 129 S

92 878G
182 065
594 065



1-PS 129 A
2-PS 129 B

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

10,6/6,1x10,3x15

D9E31 D9E79
D9E40 D9E85
D9E43 D9E87
D9E44 D9E95
D9E45 D9E98
D9E46 D9E140
D9E49 D9E200
D9E50 D9E238
D9E51 D9E300
D9E52 D9E771
D9E53 D9E772
D9E54 D9E773
D9E55 D9E774
D9E62 D9E776
D9E74 D9E851
D9E75 D9E852
D9E77

RENAULT 9, 11, 19, 21
CLIO, MEGANE
VOLKSWAGEN
TRANSPORTER
JETTA
PASSAT

PSX 130

92 883
300.687A
182 068



1-PS 130 A
1-PS 130 B
2-PS 130 C

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

10,6/6,1x10,3x15

D9E32

RENAULT

PSX 132

92 925
182 118



2-PS 132 A
2-PS 132 B

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

10x18x14

D11E148
D11E156
D11E161
D11E177
D11E184
D11E187
D11E188
D11E191
D11E195
D11E192
D11E272
D11E172

PEUGEOT 404, 504
J9 2,5KW
RENAULT 1.8 D / 2.0 D

PSX 133

300 706Z
182 067
594 066



VA 1330
VA 1331

1-PS 133 A
1-PS 133 B

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

13,9/6,9x12x15

D9E36 D9E82 D9E124
D9E38 D9E83 D9E125
D9E39 D9E78 D9E127
D9E48 D9E86 D9E129
D9E56 D9E92 D9E132
D9E57 D9E93 D9E136
D9E61 D9E94 D9E137
D9E64 D9E101 D9E237
D9E66 D9E107 D9E276
D9E68 D9E110 D9E278
D9E70 D9E113 D9E701
D9E76 D9E114 D9E702
D9E81 D9E123 D9E861

RENAULT 9 GTC, GTE
BROADWAY

Takım Sipariş Kodu / Set Order Code
PSX 133 S
**300 706Z
182 067
594 066**
PS 133 SA

PS 133 SB
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
**1-PS 133 A
1-PS 133 B**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
13,9/6,9x12x15

D9E36	D9E82	D9E124
D9E38	D9E83	D9E125
D9E39	D9E78	D9E127
D9E48	D9E86	D9E129
D9E56	D9E92	D9E132
D9E57	D9E93	D9E136
D9E61	D9E94	D9E137
D9E64	D9E101	D9E237
D9E66	D9E107	D9E276
D9E68	D9E110	D9E278
D9E70	D9E113	D9E701
D9E76	D9E114	D9E702
D9E81	D9E123	D9E862

RENAULT 9 GTC, GTE
BROADWAY

PSX 136-137
**300 841H
300 842**

PSX 137

PSX 136
**2-PS 136
2-PS 137**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x15x18,5

D10E85
D10E87
D10E88
D10E89
D10E90
D10E92
D10E881
D10E882
D10E921
D10E922

RENAULT 5
VOLVO 340
360

PSX 138-139
182 054

PS 138

PS 139
**1-PS 138
1-PS 139**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
9x18x22

D9R84
D9R121

CITROEN BERLINGO
JUMPER
PEUGEOT XSARA
205, 305
306, 307
405, 406
407, J5
SUZUKI PARTNER
VITARA

PSX 140-141
182 051

PS 141

PS 140
**2-PS 140
2-PS 141**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
9x18x22

D9R73
D9R89
D9R90
D9R91
D9R96
D9R99
D9R105
D9R106
D9R118
D9R122
D9R126
D9R135
D9R139
D9R142

PEUGEOT
RENAULT
CITROEN
CHRYSLER

Takım Sipariş Kodu / Set Order Code	Özellikler / Properties	Motor Numarası / Unit No.	Araç Modeli / Vehicle Model
PSX 142-143 185 658  PS 142 PS 143	2-PS 142 2-PS 143 Gerilim / Voltage (Volt) 12 Ölçü / Dimension (mm) 7x14x13,7	D7R	HYUNDAI STAREX PEUGEOT CITROEN
PSX 142-144 187 778 187 779  PS 142 PS 144	VA 1441 VA 1442 2-PS 142 2-PS 144 Gerilim / Voltage (Volt) 12 Ölçü / Dimension (mm) 7x14x13,7	D7R5 D7R11 D7R15	PEUGEOT PARTNER CITROEN AUDI A2, A3 FORD GALAXY SEAT ALHAMBRA, AROSA, CORDOBA, IBIZA, LEON, TOLEDO, SKODA OCTAVIA, VOLKSWAGEN BORA, GOLF, PASSAT, POLO, SHARAN, VENTO, CADDY, TRANSPORTER JOHN DEERE
PSX 142-145 185 658, 187 639 188 571, 191 663  PS 145 PS 142	2-PS 142 2-PS 145 Gerilim / Voltage (Volt) 12 Ölçü / Dimension (mm) 7x14x13,7	D7R	VOLKSWAGEN
PSX 146-147 594 064 594 072  PS 146 PS 147	1-PS 146 1-PS 147 Gerilim / Voltage (Volt) 12 Ölçü / Dimension (mm) 4,5/9x11x14	184205 D6RA10 184030 D6RA8	RENAULT CLIO COUPE MEGANE CABRIOLET SCENIC

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
PSX 148-149
**594 060
594 070**

PS 148
PS 149
**VA 1480
VA 1491**
**1-PS 148
1-PS 149**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
4,5/9x11x18

182551
183199
184413
185874
182505
183212
184471
185310
184470

PEUGEOT KARSAN
BOXER
PARTNER
RENAULT MEGANE
CABRIOLET
SCENIC
COUPE

PSX 148-149/0
594 063

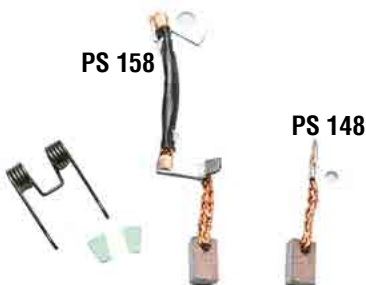
**VA 1572
VA 1491
VA 1571
VA 1581
VA 1591**
2-PS 148/0
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
4,5/9x11x18

D6RA12 D6RA45
D6RA13 D6RA48
D6RA16 D6RA18
D6RA17 D6RA19
D6RA20 D6RA29
D6RA21 D6RA38
D6RA22 D6RA61
D6RA661 D6RA27
D6RA30 D6RA37
D6RA32 D6RA6
D6RA33 D6RA23
D6RA40 D6RA34
D6RA5

**VOLKSWAGEN
PEUGEOT**
PSX 148-157
**594 063,127,254
594 129,130,253**

PS 148
PS 157
**VA 1480
VA 1571**
**1-PS 148
1-PS 157**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
4,5/9x11x18

183450 185741 187259 D6RA30 D6RA56
183940 185742 187332 D6RA32 D6RA59
184231 186045 187515 D6RA34 D6RA60
184348 186140 188339 D6RA39 D6RA62
184456 186214 D6RA7 D6RA40 D6RA63
184457 186215 D6RA13 D6RA41 D6RA66
184550 186269 D6RA15 D6RA42 D6RA70
184646 186276 D6RA17 D6RA43 D6RA72
184727 186424 D6RA19 D6RA44 D6RA75
184880 186441 D6RA21 D6RA46 D6RA141
184881 186442 D6RA22 D6RA48 D6RA161
185243 186476 D6RA23 D6RA49 D6RA661
185597 186625 D6RA25 D6RA50 D6RA721
185690 186626 D6RA26 D6RA52
185722 186708 D6RA27 D6RA53
185740 186887 D6RA28 D6RA54
185758 187027 D6RA29 D6RA55
185850

OPEL ASTRA
CORSA
**VOLVO
RENAULT**
PSX 148-158
**594 169-386
594 132-385**

PS 158
PS 148
**VA 1480
VA 1581**
**1-PS 148
1-PS 158**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
4,5/9x11x18

185547 186886
182549 188401
185722 D6 RA33
186060 D6 RA37
187026 D6 RA47
188564 D6 RA51
190549 D6 RA57
186502 D6 RA133
186848 D6 RA571

RENAULT MEGANE D

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

PSX 148-159594 317,360
594 318,323,359,364

PS 148

PS 159

VA 1480
VA 15911-PS 148
1-PS 159Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4,5/9x11x18

1875047 D6 RA67
1875507 D6 RA78
1875509 D6 RA79
188102 D6 RA80
188103 D6 RA81
188652 D6 RA91
188653 D6 RA167
188654 D6 RA180
190652 D6 RA181OPEL
RENAULT**PSX 155**

594 351



VA 1551

4-PS 155

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6,4x8x11

187682 190229
188063 D7E6
190080 D7E8
D7E4 D7E15
D7ED28 D7E18
188329 D7E19
188707 D7E20
190166 D7E22
190167 D7E27
190227RENAULT CLIO
TWINGO
KANGOO
CITROEN SAXO
XSARA
PEUGEOT BERLINGO
MERCEDES A140, A160
VOLKSWAGEN**PSX 156**

594 381



4-PS 156

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6,4x8x11

190396
D7ES2
188279
190172
D7ES4
D7ES5PEUGEOT
VOLKSWAGEN**PSX 160-163**190 986,191 060
191 821,191 823

PS 160

PS 163

2-PS 160
2-PS 163Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x13x11,5

190365
D7G3
D7G4
D7G6AUDI
BMW
OPEL MERIVA
RENAULT MASTER
PEUGEOT

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
PSX 160-164
**190 986,191 060
191 821,191 823**

PS 160
PS 164
VA 1641

 190365
D7G3
D7G4
D7G6

**2-PS 160
2-PS 164**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x13x10,8
AUDI
BMW
RENAULT MASTER
PSA
OPEL MOVANO
NISSAN, INFINITI
RENAULT
PSX 163-164
**190 987
191 824**

PS 163
PS 164
VA 1642

 D7G
SIH

**2-PS 163
2-PS 164**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x13x10,8
VOLKSVAGEN
CADDY
TRANSPORTER T.5

PSX 166-167
**191 849
191 771**

PS 167
PS 166
**VA 1671
VA 1672**

 D6G1
D6G2
D6G3
D6G5
192 285
191 771
D6GSP19

**2-PS 166
2-PS 167**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

3,9/6,4x10x15,5
BMW
MERCEDES
FIAT ALBEA MULTIJET
PEUGEOT 206, 307

PSX 168-167
**192 285
191 771**

PS 167
PS 168
**2-PS 168
2-PS 167**

D6GSP19

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

3,9/6,4x10x15,5
VOLKSWAGEN
AUDI

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

PSX 169-170191 772
191 773

PS 170

PS 169

2-PS 169
2-PS 170Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

3,9/6,4x10x15,5

D6GS11
D6GS12
D6GS13AUDI A3
SEAT IBIZA
LEON
TOLEDOVOLKSWAGEN
GOLF
JETTA
PASSAT
POLO
TOURAN
TRANSPORTER
OCTAVIA

SKODA

PSX 175-176-1714-PS 171
2-PS 175
2-PS 176Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x11x12,5

ESW20E18
ESW20E26
ESW20ER121
ESW20ER123
ESW20ER25AUDI A3 2.0 TDI 2009 ->
Q3 2.0 TDI 2011 ->
FORD B-MAX 1.5 TDCI 2015 ->
TOUERNEO COURIER 2014 ->
QUASHQAI 1.6 DCI 2015 ->
NISSAN VIVARO 1.6 CDTI 2014 ->
OPEL FLUENCE 1.6 DCI 2014 ->
RENAULT TALISMAN 1.6 DCI 2015 ->
TRAFIC 1.6 DCI 2014 ->
SEAT ATECA 2.0 TDI 2016 ->
LEON 2.0 TDI 2013 ->
SKODA KODIAQ 2.0 TDI 2017 ->
OCTAVIA 2.0 TDI 2013 ->
SUPERB 2.0 TDI 2015 ->
VW YETI 2.0 TDI 2015 ->
CARAVELLE T6 2.0 TDI 2015 ->
GOLF VII 2.0 TDI 2013 ->
JETTA 2.0 TDI 2014 ->
PASSAT 2.0 TDI 2014 ->
TIGUAN 2.0 TDI 2016 ->
TOURAN 2.0 TDI 2016 ->
TRANSPORTER T6 2.0 TDI 2015 ->**PSX 174**1197541
1203248

6-PS 174

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4,5x19,9x13,2

36100-03300
HYUNDAI, 438297
VALEO, ESM1811
VALEO, ESM18E8
VALEOHYUNDAI i20 / i10 /
KIA RIO 2014 /
PICANTO 2011

ALTERNATÖR KÖMÜRLERİ

ALTERNATOR BRUSHES



Takım Sipariş Kodu / Set Order Code

 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BX 19

1 107 014 103


2-B 19

 0 101 206 037
0 101 352 005
0 101 352 008
0 101 354 023
1 004 320 016
0 101 355 040

 Gerilim / Voltage
(Volt)

6/12

 Ölçü / Dimension
(mm)

6x14x23,5
**OPEL
BMW
FORD
SKODA**
BX 59

1 107 014 125


2-B 59

0 101 100 015	0 101 206 027	0 101 206 091	0 101 208 007
0 101 200 034	0 101 206 029	0 101 206 096	0 101 208 009
0 101 201 020	0 101 206 030	0 101 206 098	0 101 208 011
0 101 201 021	0 101 206 032	0 101 206 100	0 101 209 002
0 101 201 022	0 101 206 033	0 101 206 113	0 101 209 008
0 101 201 023	0 101 206 034	0 101 206 115	0 101 209 005
0 101 201 025	0 101 206 035	0 101 206 116	0 101 209 007
0 101 201 028	0 101 206 037	0 101 206 117	0 101 209 009
0 101 202 010	0 101 206 038	0 101 206 119	0 101 209 014
0 101 202 016	0 101 206 043	0 101 206 120	0 101 209 018
0 101 202 022	0 101 206 044	0 101 206 122	0 101 209 021
0 101 202 023	0 101 206 047	0 101 206 123	0 101 209 022
0 101 203 002	0 101 206 050	0 101 206 125	0 101 209 023
0 101 203 003	0 101 206 052	0 101 206 132	0 101 209 025
0 101 203 005	0 101 206 053	0 101 206 133	0 101 209 027
0 101 203 006	0 101 206 054	0 101 206 135	0 101 209 029
0 101 203 007	0 101 206 057	0 101 206 137	0 101 209 031
0 101 203 008	0 101 206 058	0 101 206 139	0 101 209 033
0 101 203 009	0 101 206 059	0 101 206 141	0 101 209 036
0 101 204 014	0 101 206 061	0 101 206 143	0 101 209 037
0 101 205 009	0 101 206 063	0 101 206 145	0 101 209 039
0 101 205 010	0 101 206 064	0 101 206 147	0 101 209 041
0 101 205 011	0 101 206 066	0 101 206 148	0 101 209 043
0 101 205 012	0 101 206 068	0 101 206 150	0 101 209 045
0 101 205 014	0 101 206 070	0 101 206 152	0 101 209 047
0 101 205 016	0 101 206 072	0 101 206 157	0 101 209 060
0 101 205 019	0 101 206 074	0 101 206 141	0 101 209 064
0 101 206 007	0 101 206 076	0 101 207 005	0 101 209 065
0 101 206 009	0 101 206 079	0 101 207 009	0 101 209 067
0 101 206 013	0 101 206 081	0 101 207 011	0 101 209 069
0 101 206 014	0 101 206 083	0 101 207 013	0 101 352 005
0 101 206 018	0 101 206 084	0 101 207 015	0 101 352 008
0 101 206 024	0 101 206 086	0 101 207 018	0 101 354 023
0 101 206 025	0 101 206 088	0 101 208 002	0 101 355 040
0 101 206 026	0 101 206 089	0 101 208 003	0 136 200 007
	0 101 206 090	0 101 208 005	

 Gerilim / Voltage
(Volt)

6

 Ölçü / Dimension
(mm)

6x14x19
FORD TAUNUS
TRANSIT
OPEL
BX 67

1 107 014 116


2-B 67

0 101 353 005	0 101 402 028	0 101 402 072
0 101 353 012	0 101 402 031	0 101 402 076
0 101 353 014	0 101 402 043	0 101 402 078
0 101 353 022	0 101 402 047	0 101 402 086
0 101 353 025	0 101 402 049	0 101 402 090
0 101 353 029	0 101 402 050	0 101 402 106
0 101 353 037	0 101 402 055	0 101 404 016
0 101 401 010	0 101 402 056	0 101 404 019
0 101 401 015	0 101 402 057	0 101 404 020
0 101 402 001	0 101 402 060	0 101 404 023
0 101 402 002	0 101 402 064	0 101 404 026
0 101 402 008	0 101 402 067	
	0 101 402 071	

 Gerilim / Voltage
(Volt)

12/24

 Ölçü / Dimension
(mm)

6x22x22,5
MAN
MERCEDES
STEYR 300

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BX 68

1 107 014 118



4-B 68

Gerilim / Voltage
(Volt)

12/24

Ölçü / Dimension
(mm)

6x28x30,5

0 101 206 135	0 101 500 023	0 101 501 062
0 101 206 157	0 101 500 021	0 101 501 063
0 101 209 031	0 101 501 001	0 101 501 063
0 101 209 033	0 101 501 002	0 101 501 066
0 101 209 037	0 101 501 009	0 101 502 001
0 101 209 041	0 101 501 015	0 101 206 151
0 101 500 001	0 101 501 021	2 104 320 107
0 101 500 005	0 101 501 027	0 101 500 006
0 101 500 006	0 101 501 029	0 101 500 011
0 101 500 015	0 101 501 036	0 101 500 013
0 101 500 018	0 101 501 039	0 101 500 025
0 101 500 021	0 101 501 051	0 101 500 027
	0 101 501 055	0 101 500 029

VOLVO
BÜSSING
SCANIA VABIS 600

BX 147

2 017 014 100
2 017 014 105



4-B 147

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6x14x23,5

0 010 300 001	0 010 350 017
0 010 300 004	0 010 350 018
0 010 300 006	0 010 350 019
0 010 300 013	0 010 350 020
0 010 300 100	0 010 350 100
0 010 300 101	0 010 350 101
0 010 350 003	0 010 350 102
0 010 350 007	0 010 350 103
0 010 350 009	0 010 350 104
0 010 350 011	0 010 350 105
0 010 350 012	0 010 350 106
0 010 350 014	0 101 350 004
0 010 350 015	0 136 351 006
0 010 350 016	

TRABANT
MOTO GUZZI

BX 151

1 127 014 000



2-B 151

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

10x5x18

0 120 400 507
0 120 400 510
0 120 400 517
0 120 400 519
0 120 400 522
0 120 400 523
0 120 400 524
0 120 400 526
0 120 400 529
0 120 400 530
0 120 400 531
0 120 400 533
0 120 400 534
0 120 400 535
0 120 400 536
0 120 400 537
0 120 400 540

MAN
MAGIRUS

BX 162

1 127 014 001



2-B 162

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

10x5x17

0 120 400 600	0 120 400652	0 120 400709	0 120 400771
0 120 400608	0 120 400654	0 120 400710	0 120 400773
0 120 400609	0 120 400655	0 120 400711	0 120 400775
0 120 400611	0 120 400657	0 120 400713	0 120 400777
0 120 400614	0 120 400658	0 120 400714	0 120 400786
0 120 400615	0 120 400659	0 120 400716	0 120 400787
0 120 400620	0 120 400661	0 120 400717	0 120 400789
0 120 400631	0 120 400663	0 120 400719	0 120 400792
0 120 400622	0 120 400671	0 120 400721	0 120 400793
0 120 400624	0 120 400672	0 120 400726	0 120 400795
0 120 400626	0 120 400675	0 120 400728	0 120 400800
0 120 400627	0 120 400677	0 120 400730	0 120 400801
0 120 400629	0 120 400679	0 120 400731	0 120 400802
0 120 400634	0 120 400681	0 120 400736	0 120 400823
0 120 400635	0 120 400682	0 120 400752	0 120 400847
0 120 400637	0 120 400686	0 120 400753	0 120 400848
0 120 400643	0 120 400687	0 120 400756	0 120 400870
0 120 400644	0 120 400692	0 120 400757	0 120 400871
0 120 400647	0 120 400693	0 120 400764	0 120 400893
0 120 400649	0 120 400700	0 120 400765	0 120 400894
0 120 400650	0 120 400702	0 120 400767	0 120 400896
	0 120 400703	0 120 400769	

ALFA ROMEO
AUDI
BMW
MERCEDES
FORD
VOLVO KAMYON/TRUCK

Takım Sipariş Kodu / Set Order Code

BX 172

1 127 014 011


 Özellikler
Properties

2-B 172

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8x5x15,5

Motor Numarası / Unit No.

0 120 300 510	0 120 300 589	0 120 489 110
0 120 300 511	0 120 300 590	0 120 489 111
0 120 300 512	0 120 300 591	0 120 489 112
0 120 300 513	0 120 300 592	0 120 489 113
0 120 300 514	0 120 339 539	0 120 489 114
0 120 300 515	0 120 400 669	0 120 489 115
0 120 300 516	0 120 400 670	0 120 489 116
0 120 300 517	0 120 400 704	0 120 489 117
0 120 300 518	0 120 400 705	0 120 489 118
0 120 300 519	0 120 400 706	0 120 489 119
0 120 300 520	0 120 400 707	0 120 489 120
0 120 300 521	0 120 450 003	0 120 489 121
0 120 300 522	0 120 450 004	0 120 489 122
0 120 300 523	0 120 450 007	0 120 489 123
0 120 300 524	9 120 143 201	0 120 489 124
0 120 300 525	9 120 143 204	0 120 489 125
0 120 300 526	9 120 143 218	0 120 489 126
0 120 300 527	9 120 143 222	0 120 489 127
0 120 300 528	9 120 143 223	0 120 489 128
0 120 300 529	9 120 143 225	0 120 489 129
0 120 300 530	9 120 144 303	0 120 489 130
0 120 300 531	9 120 144 304	0 120 489 131
0 120 300 532	9 120 144 305	0 120 489 132
0 120 300 533	9 120 144 306	0 120 489 133
0 120 300 534	9 120 144 307	0 120 489 134
0 120 300 535	9 120 144 308	0 120 489 135
0 120 300 536	9 120 144 309	0 120 489 136
0 120 300 537	9 120 144 310	0 120 489 137
0 120 300 538	9 120 144 311	0 120 489 138
0 120 300 539	0 120 489 059	0 120 489 139
0 120 300 540	0 120 489 060	0 120 489 140
0 120 300 541	0 120 489 061	0 120 489 141
0 120 300 542	0 120 489 062	0 120 489 142
0 120 300 543	0 120 489 063	0 120 489 143
0 120 300 544	0 120 489 064	0 120 489 144
0 120 300 545	0 120 489 065	0 120 489 145
0 120 300 546	0 120 489 066	0 120 489 146
0 120 300 547	0 120 489 067	0 120 489 147
0 120 300 548	0 120 489 068	0 120 489 148
0 120 300 549	0 120 489 069	0 120 489 149
0 120 300 550	0 120 489 070	0 120 489 150
0 120 300 551	0 120 489 071	0 120 489 151
0 120 300 552	0 120 489 072	0 120 489 152
0 120 300 553	0 120 489 073	0 120 489 153
0 120 300 554	0 120 489 074	0 120 489 154
0 120 300 555	0 120 489 075	0 120 489 155
0 120 300 556	0 120 489 076	0 120 489 156
0 120 300 557	0 120 489 077	0 120 489 157
0 120 300 558	0 120 489 078	0 120 489 158
0 120 300 559	0 120 489 079	0 120 489 159
0 120 300 560	0 120 489 080	0 120 489 160
0 120 300 561	0 120 489 081	0 120 489 161
0 120 300 562	0 120 489 082	0 120 489 162
0 120 300 563	0 120 489 083	0 120 489 163
0 120 300 564	0 120 489 084	0 120 489 164
0 120 300 565	0 120 489 085	0 120 489 165
0 120 300 566	0 120 489 086	0 120 489 166
0 120 300 567	0 120 489 087	0 120 489 167
0 120 300 568	0 120 489 088	0 120 489 168
0 120 300 569	0 120 489 089	0 120 489 169
0 120 300 570	0 120 489 090	0 120 489 170
0 120 300 571	0 120 489 091	0 120 489 171
0 120 300 572	0 120 489 092	0 120 489 172
0 120 300 573	0 120 489 093	0 120 489 173
0 120 300 574	0 120 489 094	0 120 489 174
0 120 300 575	0 120 489 095	0 120 489 175
0 120 300 576	0 120 489 096	0 120 489 176
0 120 300 577	0 120 489 097	0 120 489 177
0 120 300 578	0 120 489 098	0 120 489 178
0 120 300 579	0 120 489 099	0 120 489 179
0 120 300 580	0 120 489 100	0 120 489 180
0 120 300 581	0 120 489 101	0 120 489 181
0 120 300 582	0 120 489 102	0 120 489 182
0 120 300 583	0 120 489 103	0 120 489 183
0 120 300 584	0 120 489 104	0 120 489 184
0 120 300 585	0 120 489 105	0 120 489 185
0 120 300 586	0 120 489 106	0 120 489 186
0 120 300 587	0 120 489 107	0 120 489 187
0 120 300 588	0 120 489 108	0 120 489 188
	0 120 489 109	0 120 489 189

Araç Modeli/Vehicle Model

AUDI
BMW
MERCEDES
J.DEERE
FORD
MAGIRUS
VOLVO KAMYON/TRUCK

Takım Sipariş Kodu / Set Order Code

BX 172

1 127 014 011

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

2-B 172

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8x5x15,5

0 120 489 190	0 120 489 270	0 120 489 110
0 120 489 191	0 120 489 271	0 120 489 111
0 120 489 192	0 120 489 272	0 120 489 112
0 120 489 193	0 120 489 273	0 120 489 113
0 120 489 194	0 120 489 274	0 120 489 114
0 120 489 195	0 120 489 275	0 120 489 115
0 120 489 196	0 120 489 276	0 120 489 116
0 120 489 197	0 120 489 277	0 120 489 117
0 120 489 198	0 120 489 278	0 120 489 118
0 120 489 199	0 120 489 279	0 120 489 119
0 120 489 200	0 120 489 280	0 120 489 120
0 120 489 201	0 120 489 281	0 120 489 121
0 120 489 202	0 120 489 282	0 120 489 122
0 120 489 203	0 120 489 283	0 120 489 123
0 120 489 204	0 120 489 284	0 120 489 124
0 120 489 205	0 120 489 285	0 120 489 125
0 120 489 206	0 120 489 286	0 120 489 126
0 120 489 207	0 120 489 287	0 120 489 127
0 120 489 208	0 120 489 288	0 120 489 128
0 120 489 209	0 120 489 289	0 120 489 129
0 120 489 210	0 120 489 290	0 120 489 130
0 120 489 211	0 120 489 291	0 120 489 131
0 120 489 212	0 120 489 292	0 120 489 132
0 120 489 213	0 120 489 293	0 120 489 133
0 120 489 214	0 120 489 294	0 120 489 134
0 120 489 215	0 120 489 295	0 120 489 135
0 120 489 216	0 120 489 296	0 120 489 136
0 120 489 217	0 120 489 297	0 120 489 137
0 120 489 218	0 120 489 298	0 120 489 138
0 120 489 219	0 120 489 299	0 120 489 139
0 120 489 220	0 120 489 300	0 120 489 140
0 120 489 221	0 120 489 301	0 120 489 141
0 120 489 222	0 120 489 302	0 120 489 142
0 120 489 223	0 120 489 303	0 120 489 143
0 120 489 224	0 120 489 304	0 120 489 144
0 120 489 225	0 120 489 305	0 120 489 145
0 120 489 226	0 120 489 306	0 120 489 146
0 120 489 227	0 120 489 307	0 120 489 147
0 120 489 228	0 120 489 308	0 120 489 148
0 120 489 229	0 120 489 309	0 120 489 149
0 120 489 230	0 120 489 310	0 120 489 150
0 120 489 231	0 120 489 311	0 120 489 151
0 120 489 232	0 120 489 312	0 120 489 152
0 120 489 233	0 120 489 313	0 120 489 153
0 120 489 234	0 120 489 314	0 120 489 154
0 120 489 235	0 120 489 315	0 120 489 155
0 120 489 236	0 120 489 316	0 120 489 156
0 120 489 237	0 120 489 317	0 120 489 157
0 120 489 238	0 120 489 318	0 120 489 158
0 120 489 239	0 120 489 319	0 120 489 159
0 120 489 240	0 120 489 320	0 120 489 160
0 120 489 241	0 120 489 321	0 120 489 161
0 120 489 242	0 120 489 322	0 120 489 162
0 120 489 243	0 120 489 323	0 120 489 163
0 120 489 244	0 120 489 324	0 120 489 164
0 120 489 245	0 120 489 325	0 120 489 165
0 120 489 246	0 120 489 326	0 120 489 166
0 120 489 247	0 120 489 327	0 120 489 167
0 120 489 248	0 120 489 328	0 120 489 168
0 120 489 249	0 120 489 329	0 120 489 169
0 120 489 250	0 120 489 330	0 120 489 170
0 120 489 251	0 120 489 331	0 120 489 171
0 120 489 252	0 120 489 332	0 120 489 172
0 120 489 253	0 120 489 333	0 120 489 173
0 120 489 254	0 120 489 334	0 120 489 174
0 120 489 255	0 120 489 335	0 120 489 175
0 120 489 256	0 120 489 336	0 120 489 176
0 120 489 257	0 120 489 337	0 120 489 177
0 120 489 258	0 120 489 338	0 120 489 178
0 120 489 259	0 120 489 339	0 120 489 179
0 120 489 260	0 120 489 340	0 120 489 180
0 120 489 261	0 120 489 341	0 120 489 181
0 120 489 262	0 120 489 342	0 120 489 182
0 120 489 263	0 120 489 343	0 120 489 183
0 120 489 264	0 120 489 344	0 120 489 184
0 120 489 265	0 120 489 345	0 120 489 185
0 120 489 266	0 120 489 346	0 120 489 186
0 120 489 267	0 120 489 347	0 120 489 187
0 120 489 268	0 120 489 348	0 120 489 188
0 120 489 269	0 120 489 349	0 120 489 189

AUDI

BMW

MERCEDES

J. DEERE

FORD

MAGIRUS

VOLVO

KAMYON/TRUCK

Takım Sipariş Kodu / Set Order Code

BX 172

1 127 014 011


 Özellikler
Properties

2-B 172

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8x5x15,5

Motor Numarası / Unit No.

0 120 489 390	0 120 489 470	0 120 489 550
0 120 489 391	0 120 489 471	0 120 489 551
0 120 489 392	0 120 489 472	0 120 489 552
0 120 489 393	0 120 489 473	0 120 489 553
0 120 489 394	0 120 489 474	0 120 489 554
0 120 489 395	0 120 489 475	0 120 489 555
0 120 489 396	0 120 489 476	0 120 489 556
0 120 489 397	0 120 489 477	0 120 489 557
0 120 489 398	0 120 489 478	0 120 489 558
0 120 489 399	0 120 489 479	0 120 489 559
0 120 489 400	0 120 489 480	0 120 489 560
0 120 489 401	0 120 489 481	0 120 489 561
0 120 489 402	0 120 489 482	0 120 489 562
0 120 489 403	0 120 489 483	0 120 489 563
0 120 489 404	0 120 489 484	0 120 489 564
0 120 489 405	0 120 489 485	0 120 489 565
0 120 489 406	0 120 489 486	0 120 489 566
0 120 489 407	0 120 489 487	0 120 489 567
0 120 489 408	0 120 489 488	0 120 489 568
0 120 489 409	0 120 489 489	0 120 489 569
0 120 489 410	0 120 489 490	0 120 489 570
0 120 489 411	0 120 489 491	0 120 489 571
0 120 489 412	0 120 489 492	0 120 489 572
0 120 489 413	0 120 489 493	0 120 489 573
0 120 489 414	0 120 489 494	0 120 489 574
0 120 489 415	0 120 489 495	0 120 489 575
0 120 489 416	0 120 489 496	0 120 489 576
0 120 489 417	0 120 489 497	0 120 489 577
0 120 489 418	0 120 489 498	0 120 489 578
0 120 489 419	0 120 489 499	0 120 489 579
0 120 489 420	0 120 489 500	0 120 489 580
0 120 489 421	0 120 489 501	0 120 489 581
0 120 489 422	0 120 489 502	0 120 489 582
0 120 489 423	0 120 489 503	0 120 489 583
0 120 489 424	0 120 489 504	0 120 489 584
0 120 489 425	0 120 489 505	0 120 489 585
0 120 489 426	0 120 489 506	0 120 489 586
0 120 489 427	0 120 489 507	0 120 489 587
0 120 489 428	0 120 489 508	0 120 489 588
0 120 489 429	0 120 489 509	0 120 489 589
0 120 489 430	0 120 489 510	0 120 489 590
0 120 489 431	0 120 489 511	0 120 489 591
0 120 489 432	0 120 489 512	0 120 489 592
0 120 489 433	0 120 489 513	0 120 489 593
0 120 489 434	0 120 489 514	0 120 489 594
0 120 489 435	0 120 489 515	0 120 489 595
0 120 489 436	0 120 489 516	0 120 489 596
0 120 489 437	0 120 489 517	0 120 489 597
0 120 489 438	0 120 489 518	0 120 489 598
0 120 489 439	0 120 489 519	0 120 489 599
0 120 489 440	0 120 489 520	0 120 489 600
0 120 489 441	0 120 489 521	0 120 489 601
0 120 489 442	0 120 489 522	0 120 489 602
0 120 489 443	0 120 489 523	0 120 489 603
0 120 489 444	0 120 489 524	0 120 489 604
0 120 489 445	0 120 489 525	0 120 489 605
0 120 489 446	0 120 489 526	0 120 489 606
0 120 489 447	0 120 489 527	0 120 489 607
0 120 489 448	0 120 489 528	0 120 489 608
0 120 489 449	0 120 489 529	0 120 489 609
0 120 489 450	0 120 489 530	0 120 489 610
0 120 489 451	0 120 489 531	0 120 489 611
0 120 489 452	0 120 489 532	0 120 489 612
0 120 489 453	0 120 489 533	0 120 489 613
0 120 489 454	0 120 489 534	0 120 489 614
0 120 489 455	0 120 489 535	0 120 489 615
0 120 489 456	0 120 489 536	0 120 489 616
0 120 489 457	0 120 489 537	0 120 489 617
0 120 489 458	0 120 489 538	0 120 489 618
0 120 489 459	0 120 489 539	0 120 489 619
0 120 489 460	0 120 489 540	0 120 489 620
0 120 489 461	0 120 489 541	0 120 489 621
0 120 489 462	0 120 489 542	0 120 489 622
0 120 489 463	0 120 489 543	0 120 489 623
0 120 489 464	0 120 489 544	0 120 489 624
0 120 489 465	0 120 489 545	0 120 489 625
0 120 489 466	0 120 489 546	0 120 489 626
0 120 489 467	0 120 489 547	0 120 489 627
0 120 489 468	0 120 489 548	0 120 489 628
0 120 489 469	0 120 489 549	0 120 489 629

Araç Modeli/Vehicle Model

AUDI
BMW
MERCEDES
J. DEERE
FORD
MAGIRUS
VOLVO KAMYON/TRUCK

Takım Sipariş Kodu / Set Order Code

BX 172

1 127 014 011



Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

2-B 172

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8x5x15,5

0 120 489 630	0 120 489 710	0 120 489 790
0 120 489 631	0 120 489 711	0 120 489 791
0 120 489 632	0 120 489 712	0 120 489 792
0 120 489 633	0 120 489 713	0 120 489 793
0 120 489 634	0 120 489 714	0 120 489 794
0 120 489 635	0 120 489 715	0 120 489 795
0 120 489 636	0 120 489 716	0 120 489 796
0 120 489 637	0 120 489 717	0 120 489 797
0 120 489 638	0 120 489 718	0 120 489 798
0 120 489 639	0 120 489 719	0 120 489 799
0 120 489 640	0 120 489 720	0 120 489 800
0 120 489 641	0 120 489 721	0 120 489 801
0 120 489 642	0 120 489 722	0 120 489 802
0 120 489 643	0 120 489 723	0 120 489 803
0 120 489 644	0 120 489 724	0 120 489 804
0 120 489 645	0 120 489 725	0 120 489 805
0 120 489 646	0 120 489 726	0 120 489 806
0 120 489 647	0 120 489 727	0 120 489 807
0 120 489 648	0 120 489 728	0 120 489 808
0 120 489 649	0 120 489 729	0 120 489 809
0 120 489 650	0 120 489 730	0 120 489 810
0 120 489 651	0 120 489 731	0 120 489 811
0 120 489 652	0 120 489 732	0 120 489 812
0 120 489 653	0 120 489 733	0 120 489 813
0 120 489 654	0 120 489 734	0 120 489 814
0 120 489 655	0 120 489 735	0 120 489 815
0 120 489 656	0 120 489 736	0 120 489 816
0 120 489 657	0 120 489 737	0 120 489 817
0 120 489 658	0 120 489 738	0 120 489 818
0 120 489 659	0 120 489 739	0 120 489 819
0 120 489 660	0 120 489 740	0 120 489 820
0 120 489 661	0 120 489 741	0 120 489 821
0 120 489 662	0 120 489 742	0 120 489 822
0 120 489 663	0 120 489 743	0 120 489 823
0 120 489 664	0 120 489 744	0 120 489 824
0 120 489 665	0 120 489 745	0 120 489 825
0 120 489 666	0 120 489 746	0 120 489 826
0 120 489 667	0 120 489 747	0 120 489 827
0 120 489 668	0 120 489 748	0 120 489 828
0 120 489 669	0 120 489 749	0 120 489 829
0 120 489 670	0 120 489 750	0 120 489 830
0 120 489 671	0 120 489 751	0 120 489 831
0 120 489 672	0 120 489 752	0 120 489 832
0 120 489 673	0 120 489 753	0 120 489 833
0 120 489 674	0 120 489 754	0 120 489 834
0 120 489 675	0 120 489 755	0 120 489 835
0 120 489 676	0 120 489 756	0 120 489 836
0 120 489 677	0 120 489 757	0 120 489 837
0 120 489 678	0 120 489 758	0 120 489 838
0 120 489 679	0 120 489 759	0 120 489 839
0 120 489 680	0 120 489 760	0 120 489 840
0 120 489 681	0 120 489 761	0 120 489 841
0 120 489 682	0 120 489 762	0 120 489 842
0 120 489 683	0 120 489 763	0 120 489 843
0 120 489 684	0 120 489 764	0 120 489 844
0 120 489 685	0 120 489 765	0 120 489 845
0 120 489 686	0 120 489 766	0 120 489 846
0 120 489 687	0 120 489 767	0 120 489 847
0 120 489 688	0 120 489 768	0 120 489 848
0 120 489 689	0 120 489 769	0 120 489 849
0 120 489 690	0 120 489 770	0 120 489 850
0 120 489 691	0 120 489 771	0 120 489 851
0 120 489 692	0 120 489 772	0 120 489 852
0 120 489 693	0 120 489 773	0 120 489 853
0 120 489 694	0 120 489 774	0 120 489 854
0 120 489 695	0 120 489 775	0 120 489 855
0 120 489 696	0 120 489 776	0 120 489 856
0 120 489 697	0 120 489 777	0 120 489 857
0 120 489 698	0 120 489 778	0 120 489 858
0 120 489 699	0 120 489 779	0 120 489 859
0 120 489 700	0 120 489 780	0 120 489 860
0 120 489 701	0 120 489 781	0 120 489 861
0 120 489 702	0 120 489 782	0 120 489 862
0 120 489 703	0 120 489 783	0 120 489 863
0 120 489 704	0 120 489 784	0 120 489 864
0 120 489 705	0 120 489 785	0 120 489 865
0 120 489 706	0 120 489 786	0 120 489 866
0 120 489 707	0 120 489 787	0 120 489 867
0 120 489 708	0 120 489 788	0 120 489 868
0 120 489 709	0 120 489 789	0 120 489 869

AUDI

BMW

MERCEDES

J.DEERE

FORD

MAGIRUS

VOLVO

KAMYON/TRUCK

Takım Sipariş Kodu / Set Order Code

BX 172

1 127 014 011


**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
2-B 172

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8x5x15,5

0 120 489 870	0 120 489 965	0 120 144 239
0 120 489 871	0 120 489 966	0 120 144 240
0 120 489 872	0 120 489 967	0 120 144 241
0 120 489 873	0 120 489 968	0 120 144 242
0 120 489 874	0 120 489 969	0 120 144 243
0 120 489 875	0 120 489 970	0 120 144 244
0 120 489 876	0 120 489 971	0 120 144 245
0 120 489 877	0 120 489 972	0 120 144 246
0 120 489 878	0 120 489 973	0 120 144 247
0 120 489 879	0 120 489 974	0 120 144 248
0 120 489 880	0 120 489 975	0 120 144 249
0 120 489 881	0 120 489 976	0 120 144 250
0 120 489 882	0 120 489 977	0 120 144 251
0 120 489 883	0 120 489 978	0 120 144 252
0 120 489 884	0 120 489 979	0 120 144 253
0 120 489 885	0 120 489 980	0 120 144 254
0 120 489 886	0 120 489 981	0 120 144 255
0 120 489 887	0 120 489 982	0 120 144 256
0 120 489 888	0 120 489 983	0 120 144 257
0 120 489 889	0 120 489 984	0 120 144 258
0 120 489 890	0 120 489 985	0 120 144 259
0 120 489 891	0 120 489 986	0 120 144 260
0 120 489 892	0 120 489 987	0 120 144 261
0 120 489 893	0 120 489 988	0 120 144 262
0 120 489 894	0 120 489 989	0 120 144 263
0 120 489 895	0 120 489 990	0 120 144 264
0 120 489 896	0 120 489 991	0 120 144 265
0 120 489 897	0 120 489 992	0 120 144 266
0 120 489 898	0 120 489 993	0 120 144 267
0 120 489 899	0 120 489 994	0 120 144 268
0 120 489 900	0 120 489 995	0 120 144 269
0 120 489 901	0 120 489 996	0 120 144 270
0 120 489 902	0 120 489 997	0 120 144 271
0 120 489 903	0 120 489 998	0 120 144 272
0 120 489 904	0 120 489 999	0 120 144 273
0 120 489 905	0 120 144 002	0 120 144 274
0 120 489 906	0 120 144 003	0 120 144 275
0 120 489 907	0 120 144 004	0 120 144 276
0 120 489 908	0 120 144 005	0 120 144 277
0 120 489 909	0 120 144 006	0 120 144 278
0 120 489 910	0 120 144 007	0 120 144 279
0 120 489 911	0 120 144 008	0 120 144 280
0 120 489 912	0 120 144 009	0 120 144 281
0 120 489 913	0 120 144 010	0 120 144 282
0 120 489 914	0 120 144 011	0 120 144 283
0 120 489 915	0 120 144 012	0 120 144 284
0 120 489 916	0 120 144 013	0 120 144 285
0 120 489 917	0 120 144 014	0 120 144 286
0 120 489 918	0 120 144 015	0 120 144 287
0 120 489 919	0 120 144 016	0 120 144 288
0 120 489 920	0 120 144 017	0 120 144 289
0 120 489 921	0 120 144 018	0 120 144 290
0 120 489 922	0 120 144 019	0 120 144 291
0 120 489 923	0 120 144 020	0 120 144 292
0 120 489 924	0 120 144 021	0 120 144 293
0 120 489 925	0 120 144 022	0 120 144 294
0 120 489 926	0 120 144 023	0 120 144 295
0 120 489 927	0 120 144 024	0 120 144 296
0 120 489 928	0 120 144 025	0 120 144 297
0 120 489 929	0 120 144 026	0 120 144 298
0 120 489 930	0 120 144 027	9 120 143 000
0 120 489 931	0 120 144 028	9 120 143 001
0 120 489 932	0 120 144 029	9 120 143 002
0 120 489 933	0 120 144 030	9 120 143 003
0 120 489 934	0 120 144 031	9 120 143 004
0 120 489 935	0 120 144 032	9 120 143 005
0 120 489 936	0 120 144 033	9 120 143 006
0 120 489 937	0 120 144 034	9 120 143 007
0 120 489 938	0 120 144 035	9 120 143 008
0 120 489 939	0 120 144 036	9 120 143 009
0 120 489 940	0 120 144 037	9 120 143 010
0 120 489 941	0 120 144 038	9 120 143 011
0 120 489 942	0 120 144 039	9 120 143 012
0 120 489 943	0 120 144 040	9 120 143 013
0 120 489 944	0 120 144 218	9 120 143 014
0 120 489 945	0 120 144 219	9 120 143 015
0 120 489 946	0 120 144 220	9 120 143 016
0 120 489 947	0 120 144 221	9 120 143 017
0 120 489 948	0 120 144 222	9 120 143 018
0 120 489 949	0 120 144 223	9 120 143 019
0 120 489 950	0 120 144 224	9 120 143 020
0 120 489 951	0 120 144 225	9 120 143 021
0 120 489 952	0 120 144 226	9 120 143 022
0 120 489 953	0 120 144 227	9 120 143 023
0 120 489 954	0 120 144 228	9 120 143 024
0 120 489 955	0 120 144 229	9 120 143 025
0 120 489 956	0 120 144 230	9 120 143 026
0 120 489 957	0 120 144 231	9 120 143 027
0 120 489 958	0 120 144 232	9 120 143 028
0 120 489 959	0 120 144 233	9 120 143 029
0 120 489 960	0 120 144 234	9 120 143 030
0 120 489 961	0 120 144 235	9 120 143 031
0 120 489 962	0 120 144 236	9 120 143 032
0 120 489 963	0 120 144 237	9 120 143 033
0 120 489 964	0 120 144 238	9 120 143 034

AUDI
BMW
MERCEDES
J.DEERE
FORD
MAGIRUS
VOLVO KAMYON/TRUCK

Takım Sipariş Kodu / Set Order Code

BX 175

2 127 014 003
2 127 014 005



Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

2-B 175

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

10x5x22

0 120 600 515	0 120 600 564	0 120 600 580
0 120 600 521	0 120 600 565	0 120 600 581
0 120 600 525	0 120 600 566	0 121 600 503
0 120 600 527	0 120 600 567	0 121 600 507
0 120 600 538	0 120 600 568	0 121 600 509
0 120 600 540	0 120 600 569	0 121 600 511
0 120 600 543	0 120 600 570	0 121 600 513
0 120 600 544	0 120 600 571	0 121 600 514
0 120 600 554	0 120 600 573	0 121 600 515
0 120 600 558	0 120 600 574	0 121 600 516
0 120 600 559	0 120 600 575	0 121 600 518
0 120 600 560	0 120 600 576	0 121 600 519
0 120 600 561	0 120 600 577	0 121 600 520
0 120 600 562	0 120 600 578	
0 120 600 563	0 120 600 579	

MERCEDES 302

BX 185

1 127 014 011



2-B 185

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8x5x15,5

0 120 300 510	0 120 300 559	9 120 144 303
0 120 300 511	0 120 300 560	9 120 144 304
0 120 300 512	0 120 300 561	9 120 144 305
0 120 300 513	0 120 300 562	9 120 144 306
0 120 300 514	0 120 300 563	9 120 144 307
0 120 300 515	0 120 300 564	9 120 144 308
0 120 300 516	0 120 300 565	9 120 144 309
0 120 300 517	0 120 300 566	9 120 144 310
0 120 300 518	0 120 300 567	9 120 144 311
0 120 300 519	0 120 300 568	0 120 489 059
0 120 300 520	0 120 300 569	0 120 489 060
0 120 300 521	0 120 300 570	0 120 489 061
0 120 300 522	0 120 300 571	0 120 489 062
0 120 300 523	0 120 300 572	0 120 489 063
0 120 300 524	0 120 300 573	0 120 489 064
0 120 300 525	0 120 300 574	0 120 489 065
0 120 300 526	0 120 300 575	0 120 489 066
0 120 300 527	0 120 300 576	0 120 489 067
0 120 300 528	0 120 300 577	0 120 489 068
0 120 300 529	0 120 300 578	0 120 489 069
0 120 300 530	0 120 300 579	0 120 489 070
0 120 300 531	0 120 300 580	0 120 489 071
0 120 300 532	0 120 300 581	0 120 489 072
0 120 300 533	0 120 300 582	0 120 489 073
0 120 300 534	0 120 300 583	0 120 489 074
0 120 300 535	0 120 300 584	0 120 489 075
0 120 300 536	0 120 300 585	0 120 489 076
0 120 300 537	0 120 300 586	0 120 489 077
0 120 300 538	0 120 300 587	0 120 489 078
0 120 300 539	0 120 300 588	0 120 489 079
0 120 300 540	0 120 300 589	0 120 489 080
0 120 300 541	0 120 300 590	0 120 489 081
0 120 300 542	0 120 300 591	0 120 489 082
0 120 300 543	0 120 300 592	0 120 489 083
0 120 300 544	0 120 339 539	0 120 489 084
0 120 300 545	0 120 400 669	0 120 489 085
0 120 300 546	0 120 400 670	0 120 489 086
0 120 300 547	0 120 400 704	0 120 489 087
0 120 300 548	0 120 400 705	0 120 489 088
0 120 300 549	0 120 400 706	0 120 489 089
0 120 300 550	0 120 400 707	0 120 489 090
0 120 300 551	0 120 450 003	0 120 489 091
0 120 300 552	0 120 450 004	0 120 489 092
0 120 300 553	0 120 450 007	0 120 489 093
0 120 300 554	9 120 143 201	0 120 489 094
0 120 300 555	9 120 143 204	0 120 489 095
0 120 300 556	9 120 143 218	0 120 489 096
0 120 300 557	9 120 143 222	0 120 489 097
0 120 300 558	9 120 143 223	0 120 489 098
	9 120 143 225	0 120 489 099

AUDI
BMW
MERCEDES
J.DEERE
FORD
MAGIRUS
VOLVO KAMYON/TRUCK

Takım Sipariş Kodu / Set Order Code

BX 185

1 127 014 011


**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
2-B 185

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8x5x15,5

0 120 489 100	0 120 489 180	0 120 489 260
0 120 489 101	0 120 489 181	0 120 489 261
0 120 489 102	0 120 489 182	0 120 489 262
0 120 489 103	0 120 489 183	0 120 489 263
0 120 489 104	0 120 489 184	0 120 489 264
0 120 489 105	0 120 489 185	0 120 489 265
0 120 489 106	0 120 489 186	0 120 489 266
0 120 489 107	0 120 489 187	0 120 489 267
0 120 489 108	0 120 489 188	0 120 489 268
0 120 489 109	0 120 489 189	0 120 489 269
0 120 489 110	0 120 489 190	0 120 489 270
0 120 489 111	0 120 489 191	0 120 489 271
0 120 489 112	0 120 489 192	0 120 489 272
0 120 489 113	0 120 489 193	0 120 489 273
0 120 489 114	0 120 489 194	0 120 489 274
0 120 489 115	0 120 489 195	0 120 489 275
0 120 489 116	0 120 489 196	0 120 489 276
0 120 489 117	0 120 489 197	0 120 489 277
0 120 489 118	0 120 489 198	0 120 489 278
0 120 489 119	0 120 489 199	0 120 489 279
0 120 489 120	0 120 489 200	0 120 489 280
0 120 489 121	0 120 489 201	0 120 489 281
0 120 489 122	0 120 489 202	0 120 489 282
0 120 489 123	0 120 489 203	0 120 489 283
0 120 489 124	0 120 489 204	0 120 489 284
0 120 489 125	0 120 489 205	0 120 489 285
0 120 489 126	0 120 489 206	0 120 489 286
0 120 489 127	0 120 489 207	0 120 489 287
0 120 489 128	0 120 489 208	0 120 489 288
0 120 489 129	0 120 489 209	0 120 489 289
0 120 489 130	0 120 489 210	0 120 489 290
0 120 489 131	0 120 489 211	0 120 489 291
0 120 489 132	0 120 489 212	0 120 489 292
0 120 489 133	0 120 489 213	0 120 489 293
0 120 489 134	0 120 489 214	0 120 489 294
0 120 489 135	0 120 489 215	0 120 489 295
0 120 489 136	0 120 489 216	0 120 489 296
0 120 489 137	0 120 489 217	0 120 489 297
0 120 489 138	0 120 489 218	0 120 489 298
0 120 489 139	0 120 489 219	0 120 489 299
0 120 489 140	0 120 489 220	0 120 489 300
0 120 489 141	0 120 489 221	0 120 489 301
0 120 489 142	0 120 489 222	0 120 489 302
0 120 489 143	0 120 489 223	0 120 489 303
0 120 489 144	0 120 489 224	0 120 489 304
0 120 489 145	0 120 489 225	0 120 489 305
0 120 489 146	0 120 489 226	0 120 489 306
0 120 489 147	0 120 489 227	0 120 489 307
0 120 489 148	0 120 489 228	0 120 489 308
0 120 489 149	0 120 489 229	0 120 489 309
0 120 489 150	0 120 489 230	0 120 489 310
0 120 489 151	0 120 489 231	0 120 489 311
0 120 489 152	0 120 489 232	0 120 489 312
0 120 489 153	0 120 489 233	0 120 489 313
0 120 489 154	0 120 489 234	0 120 489 314
0 120 489 155	0 120 489 235	0 120 489 315
0 120 489 156	0 120 489 236	0 120 489 316
0 120 489 157	0 120 489 237	0 120 489 317
0 120 489 158	0 120 489 238	0 120 489 318
0 120 489 159	0 120 489 239	0 120 489 319
0 120 489 160	0 120 489 240	0 120 489 320
0 120 489 161	0 120 489 241	0 120 489 321
0 120 489 162	0 120 489 242	0 120 489 322
0 120 489 163	0 120 489 243	0 120 489 323
0 120 489 164	0 120 489 244	0 120 489 324
0 120 489 165	0 120 489 245	0 120 489 325
0 120 489 166	0 120 489 246	0 120 489 326
0 120 489 167	0 120 489 247	0 120 489 327
0 120 489 168	0 120 489 248	0 120 489 328
0 120 489 169	0 120 489 249	0 120 489 329
0 120 489 170	0 120 489 250	0 120 489 330
0 120 489 171	0 120 489 251	0 120 489 331
0 120 489 172	0 120 489 252	0 120 489 332
0 120 489 173	0 120 489 253	0 120 489 333
0 120 489 174	0 120 489 254	0 120 489 334
0 120 489 175	0 120 489 255	0 120 489 335
0 120 489 176	0 120 489 256	0 120 489 336
0 120 489 177	0 120 489 257	0 120 489 337
0 120 489 178	0 120 489 258	0 120 489 338
0 120 489 179	0 120 489 259	0 120 489 339

**AUDI
BMW
MERCEDES
J.DEERE
FORD
MAGIRUS
VOLVO**

KAMYON/TRUCK

Takım Sipariş Kodu / Set Order Code

BX 185

1 127 014 011

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

2-B 185Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8x5x15,5**

0 120 489 340	0 120 489 420	0 120 489 500
0 120 489 341	0 120 489 421	0 120 489 501
0 120 489 342	0 120 489 422	0 120 489 502
0 120 489 343	0 120 489 423	0 120 489 503
0 120 489 344	0 120 489 424	0 120 489 504
0 120 489 345	0 120 489 425	0 120 489 505
0 120 489 346	0 120 489 426	0 120 489 506
0 120 489 347	0 120 489 427	0 120 489 507
0 120 489 348	0 120 489 428	0 120 489 508
0 120 489 349	0 120 489 429	0 120 489 509
0 120 489 350	0 120 489 430	0 120 489 510
0 120 489 351	0 120 489 431	0 120 489 511
0 120 489 352	0 120 489 432	0 120 489 512
0 120 489 353	0 120 489 433	0 120 489 513
0 120 489 354	0 120 489 434	0 120 489 514
0 120 489 355	0 120 489 435	0 120 489 515
0 120 489 356	0 120 489 436	0 120 489 516
0 120 489 357	0 120 489 437	0 120 489 517
0 120 489 358	0 120 489 438	0 120 489 518
0 120 489 359	0 120 489 439	0 120 489 519
0 120 489 360	0 120 489 440	0 120 489 520
0 120 489 361	0 120 489 441	0 120 489 521
0 120 489 362	0 120 489 442	0 120 489 522
0 120 489 363	0 120 489 443	0 120 489 523
0 120 489 364	0 120 489 444	0 120 489 524
0 120 489 365	0 120 489 445	0 120 489 525
0 120 489 366	0 120 489 446	0 120 489 526
0 120 489 367	0 120 489 447	0 120 489 527
0 120 489 368	0 120 489 448	0 120 489 528
0 120 489 369	0 120 489 449	0 120 489 529
0 120 489 370	0 120 489 450	0 120 489 530
0 120 489 371	0 120 489 451	0 120 489 531
0 120 489 372	0 120 489 452	0 120 489 532
0 120 489 373	0 120 489 453	0 120 489 533
0 120 489 374	0 120 489 454	0 120 489 534
0 120 489 375	0 120 489 455	0 120 489 535
0 120 489 376	0 120 489 456	0 120 489 536
0 120 489 377	0 120 489 457	0 120 489 537
0 120 489 378	0 120 489 458	0 120 489 538
0 120 489 379	0 120 489 459	0 120 489 539
0 120 489 380	0 120 489 460	0 120 489 540
0 120 489 381	0 120 489 461	0 120 489 541
0 120 489 382	0 120 489 462	0 120 489 542
0 120 489 383	0 120 489 463	0 120 489 543
0 120 489 384	0 120 489 464	0 120 489 544
0 120 489 385	0 120 489 465	0 120 489 545
0 120 489 386	0 120 489 466	0 120 489 546
0 120 489 387	0 120 489 467	0 120 489 547
0 120 489 388	0 120 489 468	0 120 489 548
0 120 489 389	0 120 489 469	0 120 489 549
0 120 489 390	0 120 489 470	0 120 489 550
0 120 489 391	0 120 489 471	0 120 489 551
0 120 489 392	0 120 489 472	0 120 489 552
0 120 489 393	0 120 489 473	0 120 489 553
0 120 489 394	0 120 489 474	0 120 489 554
0 120 489 395	0 120 489 475	0 120 489 555
0 120 489 396	0 120 489 476	0 120 489 556
0 120 489 397	0 120 489 477	0 120 489 557
0 120 489 398	0 120 489 478	0 120 489 558
0 120 489 399	0 120 489 479	0 120 489 559
0 120 489 400	0 120 489 480	0 120 489 560
0 120 489 401	0 120 489 481	0 120 489 561
0 120 489 402	0 120 489 482	0 120 489 562
0 120 489 403	0 120 489 483	0 120 489 563
0 120 489 404	0 120 489 484	0 120 489 564
0 120 489 405	0 120 489 485	0 120 489 565
0 120 489 406	0 120 489 486	0 120 489 566
0 120 489 407	0 120 489 487	0 120 489 567
0 120 489 408	0 120 489 488	0 120 489 568
0 120 489 409	0 120 489 489	0 120 489 569
0 120 489 410	0 120 489 490	0 120 489 570
0 120 489 411	0 120 489 491	0 120 489 571
0 120 489 412	0 120 489 492	0 120 489 572
0 120 489 413	0 120 489 493	0 120 489 573
0 120 489 414	0 120 489 494	0 120 489 574
0 120 489 415	0 120 489 495	0 120 489 575
0 120 489 416	0 120 489 496	0 120 489 576
0 120 489 417	0 120 489 497	0 120 489 577
0 120 489 418	0 120 489 498	0 120 489 578
0 120 489 419	0 120 489 499	0 120 489 579

AUDI

BMW

MERCEDES

J.DEERE

FORD

MAGIRUS

VOLVO

KAMYON/TRUCK

Takım Sipariş Kodu / Set Order Code
BX 185
1 127 014 011

**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
2-B 185
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
8x5x15,5

0 120 489 580	0 120 489 660	0 120 489 740
0 120 489 581	0 120 489 661	0 120 489 741
0 120 489 582	0 120 489 662	0 120 489 742
0 120 489 583	0 120 489 663	0 120 489 743
0 120 489 584	0 120 489 664	0 120 489 744
0 120 489 585	0 120 489 665	0 120 489 745
0 120 489 586	0 120 489 666	0 120 489 746
0 120 489 587	0 120 489 667	0 120 489 747
0 120 489 588	0 120 489 668	0 120 489 748
0 120 489 589	0 120 489 669	0 120 489 749
0 120 489 590	0 120 489 670	0 120 489 750
0 120 489 591	0 120 489 671	0 120 489 751
0 120 489 592	0 120 489 672	0 120 489 752
0 120 489 593	0 120 489 673	0 120 489 753
0 120 489 594	0 120 489 674	0 120 489 754
0 120 489 595	0 120 489 675	0 120 489 755
0 120 489 596	0 120 489 676	0 120 489 756
0 120 489 597	0 120 489 677	0 120 489 757
0 120 489 598	0 120 489 678	0 120 489 758
0 120 489 599	0 120 489 679	0 120 489 759
0 120 489 600	0 120 489 680	0 120 489 760
0 120 489 601	0 120 489 681	0 120 489 761
0 120 489 602	0 120 489 682	0 120 489 762
0 120 489 603	0 120 489 683	0 120 489 763
0 120 489 604	0 120 489 684	0 120 489 764
0 120 489 605	0 120 489 685	0 120 489 765
0 120 489 606	0 120 489 686	0 120 489 766
0 120 489 607	0 120 489 687	0 120 489 767
0 120 489 608	0 120 489 688	0 120 489 768
0 120 489 609	0 120 489 689	0 120 489 769
0 120 489 610	0 120 489 690	0 120 489 770
0 120 489 611	0 120 489 691	0 120 489 771
0 120 489 612	0 120 489 692	0 120 489 772
0 120 489 613	0 120 489 693	0 120 489 773
0 120 489 614	0 120 489 694	0 120 489 774
0 120 489 615	0 120 489 695	0 120 489 775
0 120 489 616	0 120 489 696	0 120 489 776
0 120 489 617	0 120 489 697	0 120 489 777
0 120 489 618	0 120 489 698	0 120 489 778
0 120 489 619	0 120 489 699	0 120 489 779
0 120 489 620	0 120 489 700	0 120 489 780
0 120 489 621	0 120 489 701	0 120 489 781
0 120 489 622	0 120 489 702	0 120 489 782
0 120 489 623	0 120 489 703	0 120 489 783
0 120 489 624	0 120 489 704	0 120 489 784
0 120 489 625	0 120 489 705	0 120 489 785
0 120 489 626	0 120 489 706	0 120 489 786
0 120 489 627	0 120 489 707	0 120 489 787
0 120 489 628	0 120 489 708	0 120 489 788
0 120 489 629	0 120 489 709	0 120 489 789
0 120 489 630	0 120 489 710	0 120 489 790
0 120 489 631	0 120 489 711	0 120 489 791
0 120 489 632	0 120 489 712	0 120 489 792
0 120 489 633	0 120 489 713	0 120 489 793
0 120 489 634	0 120 489 714	0 120 489 794
0 120 489 635	0 120 489 715	0 120 489 795
0 120 489 636	0 120 489 716	0 120 489 796
0 120 489 637	0 120 489 717	0 120 489 797
0 120 489 638	0 120 489 718	0 120 489 798
0 120 489 639	0 120 489 719	0 120 489 799
0 120 489 640	0 120 489 720	0 120 489 800
0 120 489 641	0 120 489 721	0 120 489 801
0 120 489 642	0 120 489 722	0 120 489 802
0 120 489 643	0 120 489 723	0 120 489 803
0 120 489 644	0 120 489 724	0 120 489 804
0 120 489 645	0 120 489 725	0 120 489 805
0 120 489 646	0 120 489 726	0 120 489 806
0 120 489 647	0 120 489 727	0 120 489 807
0 120 489 648	0 120 489 728	0 120 489 808
0 120 489 649	0 120 489 729	0 120 489 809
0 120 489 650	0 120 489 730	0 120 489 810
0 120 489 651	0 120 489 731	0 120 489 811
0 120 489 652	0 120 489 732	0 120 489 812
0 120 489 653	0 120 489 733	0 120 489 813
0 120 489 654	0 120 489 734	0 120 489 814
0 120 489 655	0 120 489 735	0 120 489 815
0 120 489 656	0 120 489 736	0 120 489 816
0 120 489 657	0 120 489 737	0 120 489 817
0 120 489 658	0 120 489 738	0 120 489 818
0 120 489 659	0 120 489 739	0 120 489 819

**AUDI
BMW
MERCEDES
J. DEERE
FORD
MAGIRUS
VOLVO**
KAMYON/TRUCK

Takım Sipariş Kodu / Set Order Code

BX 185

1 127 014 011



Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

2-B 185

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8x5x15,5

0 120 489 820	0 120 489 900	0 120 489 980
0 120 489 821	0 120 489 901	0 120 489 981
0 120 489 822	0 120 489 902	0 120 489 982
0 120 489 823	0 120 489 903	0 120 489 983
0 120 489 824	0 120 489 904	0 120 489 984
0 120 489 825	0 120 489 905	0 120 489 985
0 120 489 826	0 120 489 906	0 120 489 986
0 120 489 827	0 120 489 907	0 120 489 987
0 120 489 828	0 120 489 908	0 120 489 988
0 120 489 829	0 120 489 909	0 120 489 989
0 120 489 830	0 120 489 910	0 120 489 990
0 120 489 831	0 120 489 911	0 120 489 991
0 120 489 832	0 120 489 912	0 120 489 992
0 120 489 833	0 120 489 913	0 120 489 993
0 120 489 834	0 120 489 914	0 120 489 994
0 120 489 835	0 120 489 915	0 120 489 995
0 120 489 836	0 120 489 916	0 120 489 996
0 120 489 837	0 120 489 917	0 120 489 997
0 120 489 838	0 120 489 918	0 120 489 998
0 120 489 839	0 120 489 919	0 120 489 999
0 120 489 840	0 120 489 920	0 120 144 002
0 120 489 841	0 120 489 921	0 120 144 003
0 120 489 842	0 120 489 922	0 120 144 004
0 120 489 843	0 120 489 923	0 120 144 005
0 120 489 844	0 120 489 924	0 120 144 006
0 120 489 845	0 120 489 925	0 120 144 007
0 120 489 846	0 120 489 926	0 120 144 008
0 120 489 847	0 120 489 927	0 120 144 009
0 120 489 848	0 120 489 928	0 120 144 010
0 120 489 849	0 120 489 929	0 120 144 011
0 120 489 850	0 120 489 930	0 120 144 012
0 120 489 851	0 120 489 931	0 120 144 013
0 120 489 852	0 120 489 932	0 120 144 014
0 120 489 853	0 120 489 933	0 120 144 015
0 120 489 854	0 120 489 934	0 120 144 016
0 120 489 855	0 120 489 935	0 120 144 017
0 120 489 856	0 120 489 936	0 120 144 018
0 120 489 857	0 120 489 937	0 120 144 019
0 120 489 858	0 120 489 938	0 120 144 020
0 120 489 859	0 120 489 939	0 120 144 021
0 120 489 860	0 120 489 940	0 120 144 022
0 120 489 861	0 120 489 941	0 120 144 023
0 120 489 862	0 120 489 942	0 120 144 024
0 120 489 863	0 120 489 943	0 120 144 025
0 120 489 864	0 120 489 944	0 120 144 026
0 120 489 865	0 120 489 945	0 120 144 027
0 120 489 866	0 120 489 946	0 120 144 028
0 120 489 867	0 120 489 947	0 120 144 029
0 120 489 868	0 120 489 948	0 120 144 030
0 120 489 869	0 120 489 949	0 120 144 031
0 120 489 870	0 120 489 950	0 120 144 032
0 120 489 871	0 120 489 951	0 120 144 033
0 120 489 872	0 120 489 952	0 120 144 034
0 120 489 873	0 120 489 953	0 120 144 035
0 120 489 874	0 120 489 954	0 120 144 036
0 120 489 875	0 120 489 955	0 120 144 037
0 120 489 876	0 120 489 956	0 120 144 038
0 120 489 877	0 120 489 957	0 120 144 039
0 120 489 878	0 120 489 958	0 120 144 040
0 120 489 879	0 120 489 959	0 120 144 218
0 120 489 880	0 120 489 960	0 120 144 219
0 120 489 881	0 120 489 961	0 120 144 220
0 120 489 882	0 120 489 962	0 120 144 221
0 120 489 883	0 120 489 963	0 120 144 222
0 120 489 884	0 120 489 964	0 120 144 223
0 120 489 885	0 120 489 965	0 120 144 224
0 120 489 886	0 120 489 966	0 120 144 225
0 120 489 887	0 120 489 967	0 120 144 226
0 120 489 888	0 120 489 968	0 120 144 227
0 120 489 889	0 120 489 969	0 120 144 228
0 120 489 890	0 120 489 970	0 120 144 229
0 120 489 891	0 120 489 971	0 120 144 230
0 120 489 892	0 120 489 972	0 120 144 231
0 120 489 893	0 120 489 973	0 120 144 232
0 120 489 894	0 120 489 974	0 120 144 233
0 120 489 895	0 120 489 975	0 120 144 234
0 120 489 896	0 120 489 976	0 120 144 235
0 120 489 897	0 120 489 977	0 120 144 236
0 120 489 898	0 120 489 978	0 120 144 237
0 120 489 899	0 120 489 979	0 120 144 238

AUDI

BMW

MERCEDES

J. DEERE

FORD

MAGIRUS

VOLVO

KAMYON/TRUCK

Takım Sipariş Kodu / Set Order Code

BX 185

1 127 014 011


**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
2-B 185

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8x5x15,5

0 120 144 239	0 120 144 271	9 120 143 004
0 120 144 240	0 120 144 272	9 120 143 005
0 120 144 241	0 120 144 273	9 120 143 006
0 120 144 242	0 120 144 274	9 120 143 007
0 120 144 243	0 120 144 275	9 120 143 008
0 120 144 244	0 120 144 276	9 120 143 009
0 120 144 245	0 120 144 277	9 120 143 010
0 120 144 246	0 120 144 278	9 120 143 011
0 120 144 247	0 120 144 279	9 120 143 012
0 120 144 248	0 120 144 280	9 120 143 013
0 120 144 249	0 120 144 281	9 120 143 014
0 120 144 250	0 120 144 282	9 120 143 015
0 120 144 251	0 120 144 283	9 120 143 016
0 120 144 252	0 120 144 284	9 120 143 017
0 120 144 253	0 120 144 285	9 120 143 018
0 120 144 254	0 120 144 286	9 120 143 019
0 120 144 255	0 120 144 287	9 120 143 020
0 120 144 256	0 120 144 288	9 120 143 021
0 120 144 257	0 120 144 289	9 120 143 022
0 120 144 258	0 120 144 290	9 120 143 023
0 120 144 259	0 120 144 291	9 120 143 024
0 120 144 260	0 120 144 292	9 120 143 025
0 120 144 261	0 120 144 293	9 120 143 026
0 120 144 262	0 120 144 294	9 120 143 027
0 120 144 263	0 120 144 295	9 120 143 028
0 120 144 264	0 120 144 296	9 120 143 029
0 120 144 265	0 120 144 297	9 120 143 030
0 120 144 266	0 120 144 298	9 120 143 031
0 120 144 267	9 120 143 000	9 120 143 032
0 120 144 268	9 120 143 001	9 120 143 033
0 120 144 269	9 120 143 002	9 120 143 034
0 120 144 270	9 120 143 003	

AUDI
BMW
MERCEDES
J.DEERE
FORD
MAGIRUS
VOLVO KAMYON/TRUCK

BX 192

2 107 014 012


4-B 192

 Gerilim / Voltage
(Volt)

12/24

 Ölçü / Dimension
(mm)

8x28x33,5

2 107 014 012	0 101 601 022	0 101 601 140
0 101 209 060	0 101 601 024	0 101 601 142
0 101 209 065	0 101 601 073	0 101 601 148
0 101 209 068	0 101 601 092	0 101 601 149
0 101 301 010	0 101 601 093	0 101 601 160
0 101 302 022	0 101 601 096	0 101 601 166
0 101 302 025	0 101 601 098	0 101 601 168
0 101 302 027	0 101 601 100	0 101 601 171
0 101 302 029	0 101 601 102	0 101 601 173
0 101 302 035	0 101 601 104	0 101 601 175
0 101 302 039	0 101 601 106	0 101 601 177
0 101 302 044	0 101 601 114	0 101 601 179
0 101 302 056	0 101 601 116	0 101 601 186
0 101 302 084	0 101 601 118	0 101 601 189
0 101 302 105	0 101 601 120	0 101 601 191
0 101 302 111	0 101 601 122	0 101 601 194
0 101 601 003	0 101 601 126	0 101 601 195
0 101 601 005	0 101 601 128	0 101 690 004
0 101 601 021	0 101 601 130	

MAGIRUS
HENSCHEL OTOBÜS/BUS

BX 199

1 127 014 015


2-B 199

 Gerilim / Voltage
(Volt)

12/24

 Ölçü / Dimension
(mm)

8x5x15,5

1 127 014 015	9 120 144 006
0 120 400 665	9 120 144 007
0 120 725 060	9 120 144 008
0 120 725 061	9 120 144 101
0 120 725 062	9 120 144 102
0 120 725 063	9 120 144 103
0 120 725 084	9 120 144 104
0 120 725 829	9 120 144 105
0 120 489 793	9 120 144 107
0 120 489 794	9 120 144 109
0 120 489 796	9 120 144 110

Takım Sipariş Kodu / Set Order Code

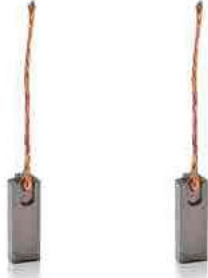
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BX 201

1 127 014 016



2-B 201

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8x5x23,2

0 120 489 862
0 120 689 502
0 120 689 503
0 120 689 504
0 120 689 505
0 120 689 507
0 120 689 508
0 120 689 510
0 120 689 511
0 120 689 512
0 120 689 513
0 120 689 514

0 120 689 515
0 120 689 518
0 120 689 521
0 120 689 524
0 120 689 526
0 120 689 535
0 120 689 541
0 120 689 543
0 120 689 569
0 120 689 571
0 120 689 575
0 121 615 032

MAGIRUS
SCANIA
MERCEDES KAMYON / TRUCK
IVECO

BX 202

1 127 014 013
1 127 014 017
1 127 014 020



2-B 202

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

8x5x19,5

0 120 400 944
0 120 400 945
0 120 400 947
0 120 400 948
0 120 400 949
0 120 400 950
0 120 400 951
0 120 400 952
0 120 400 953
0 120 400 954
0 120 450 001
0 120 450 002
0 120 450 010
0 120 450 011
0 120 450 012
0 120 450 013
0 120 450 014

0 120 450 015
0 120 450 016
0 120 450 017
0 120 450 018
0 120 450 019
0 120 450 020
0 120 450 021
0 120 450 022
0 120 450 023
0 120 450 024
0 120 450 025
0 120 450 026
0 120 450 027
0 120 450 028
0 120 450 029
0 120 469 580
0 120 469 581

0 120 469 752
0 120 469 753
0 120 469 773
0 120 469 850
0 120 469 851
0 120 484 045
0 120 484 046
0 120 489 034
0 120 489 658
0 120 489 709
0 120 489 891
0 120 489 900
0 120 489 995
9 120 144 124
9 120 144 125
9 120 144 130
9 120 144 133

MERCEDES KAMYON / TRUCK
IHC
MAGIRUS
MAN
SAAB
SCANIA
IVECO
VOLKSWAGEN
VOLVO KAMYON / TRUCK
FORD KAMYON / TRUCK
DAF

BX 203

2 127 014 003
2 127 014 005



2-B 203

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

10x5x22

0 120 600 515
0 120 600 521
0 120 600 525
0 120 600 527
0 120 600 538
0 120 600 540
0 120 600 543
0 120 600 544
0 120 600 554
0 120 600 555
0 120 600 556
0 120 600 557
0 120 600 558
0 120 600 559
0 120 600 560
0 120 600 561

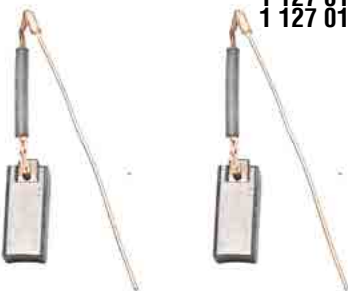
0 120 600 562
0 120 600 563
0 120 600 564
0 120 600 565
0 120 600 566
0 120 600 567
0 120 600 568
0 120 600 569
0 120 600 570
0 120 600 571
0 120 600 573
0 120 600 574
0 120 600 575
0 120 600 576
0 120 600 577
0 120 600 578

0 120 600 579
0 120 600 580
0 120 600 581
0 121 600 503
0 121 600 507
0 121 600 509
0 121 600 511
0 121 600 512
0 121 600 513
0 121 600 514
0 121 600 515
0 121 600 516
0 121 600 518
0 121 600 519
0 121 600 520

MERCEDES 302, 303
SETRA
MAN

BX 204

1 127 014 022
1 127 014 018
1 127 014 023
1 127 014 025
1 127 014 029
1 127 014 030



2-B 204

Gerilim / Voltage
(Volt)

12

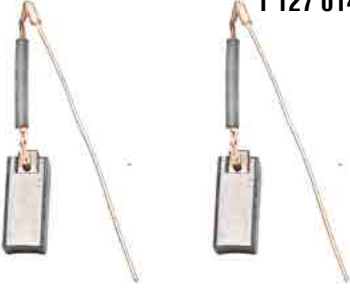
Ölçü / Dimension
(mm)

8x5x19,5

0 120 339 547...
450 030, 031
0 120 468 001-147, 149, 154, 155, 159-162, 999
469 001...999
484 001-027, 035, 040, 041, 050, 051
488 000-012...316
489 002-018...997
9 120 080 129, 135
143 018, 019
144 111-123...636
9 120 335 003
9 120 690 095, 098, 150, 152, 154
9 121 337 079

MERCEDES 190, 200
BMW
CITROEN BX
OPEL
VOLVO
PEUGEOT
ALFA ROMEO
AUDI
FORD
FIAT
JAGUAR XJ

Takım Sipariş Kodu / Set Order Code
BX 204

1 127 014 022
1 127 014 018
1 127 014 023
1 127 014 025
1 127 014 029
1 127 014 030

**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
2-B 204
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
8x5x19,5

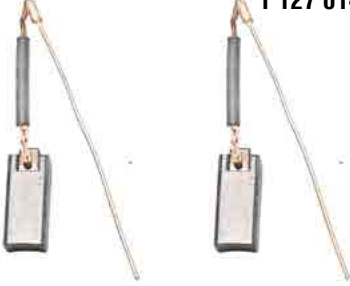
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0 120 450 030	0 120 468 072	0 120 468 160	0 120 469 077
0 120 450 031	0 120 468 073	0 120 468 161	0 120 469 078
0 120 468 001	0 120 468 074	0 120 468 162	0 120 469 079
0 120 468 001	0 120 468 075	0 120 468 999	0 120 469 080
0 120 468 002	0 120 468 076	0 120 469 001	0 120 469 081
0 120 468 003	0 120 468 077	0 120 469 002	0 120 469 082
0 120 468 004	0 120 468 078	0 120 469 003	0 120 469 083
0 120 468 005	0 120 468 079	0 120 469 004	0 120 469 084
0 120 468 006	0 120 468 080	0 120 469 005	0 120 469 085
0 120 468 007	0 120 468 081	0 120 469 006	0 120 469 086
0 120 468 008	0 120 468 082	0 120 469 007	0 120 469 087
0 120 468 009	0 120 468 083	0 120 469 008	0 120 469 088
0 120 468 010	0 120 468 084	0 120 469 009	0 120 469 089
0 120 468 011	0 120 468 085	0 120 469 010	0 120 469 090
0 120 468 012	0 120 468 086	0 120 469 011	0 120 469 091
0 120 468 013	0 120 468 087	0 120 469 012	0 120 469 092
0 120 468 014	0 120 468 088	0 120 469 013	0 120 469 093
0 120 468 015	0 120 468 089	0 120 469 014	0 120 469 094
0 120 468 016	0 120 468 090	0 120 469 015	0 120 469 095
0 120 468 017	0 120 468 091	0 120 469 016	0 120 469 096
0 120 468 018	0 120 468 092	0 120 469 017	0 120 469 097
0 120 468 019	0 120 468 093	0 120 469 018	0 120 469 098
0 120 468 020	0 120 468 094	0 120 469 019	0 120 469 099
0 120 468 021	0 120 468 095	0 120 469 020	0 120 469 100
0 120 468 022	0 120 468 096	0 120 469 021	0 120 469 101
0 120 468 023	0 120 468 097	0 120 469 022	0 120 469 102
0 120 468 024	0 120 468 098	0 120 469 023	0 120 469 103
0 120 468 025	0 120 468 099	0 120 469 024	0 120 469 104
0 120 468 026	0 120 468 100	0 120 469 025	0 120 469 105
0 120 468 027	0 120 468 101	0 120 469 026	0 120 469 106
0 120 468 028	0 120 468 102	0 120 469 027	0 120 469 107
0 120 468 029	0 120 468 103	0 120 469 028	0 120 469 108
0 120 468 030	0 120 468 104	0 120 469 029	0 120 469 109
0 120 468 031	0 120 468 105	0 120 469 030	0 120 469 110
0 120 468 032	0 120 468 106	0 120 469 031	0 120 469 111
0 120 468 033	0 120 468 107	0 120 469 032	0 120 469 112
0 120 468 034	0 120 468 108	0 120 469 033	0 120 469 113
0 120 468 035	0 120 468 109	0 120 469 034	0 120 469 114
0 120 468 036	0 120 468 110	0 120 469 035	0 120 469 115
0 120 468 037	0 120 468 111	0 120 469 036	0 120 469 116
0 120 468 038	0 120 468 112	0 120 469 037	0 120 469 117
0 120 468 039	0 120 468 113	0 120 469 038	0 120 469 118
0 120 468 040	0 120 468 114	0 120 469 039	0 120 469 119
0 120 468 041	0 120 468 115	0 120 469 040	0 120 469 120
0 120 468 042	0 120 468 116	0 120 469 041	0 120 469 121
0 120 468 043	0 120 468 117	0 120 469 042	0 120 469 122
0 120 468 044	0 120 468 118	0 120 469 043	0 120 469 123
0 120 468 045	0 120 468 119	0 120 469 044	0 120 469 124
0 120 468 046	0 120 468 120	0 120 469 045	0 120 469 125
0 120 468 047	0 120 468 121	0 120 469 046	0 120 469 126
0 120 468 048	0 120 468 122	0 120 469 047	0 120 469 127
0 120 468 049	0 120 468 123	0 120 469 048	0 120 469 128
0 120 468 050	0 120 468 124	0 120 469 049	0 120 469 129
0 120 468 051	0 120 468 125	0 120 469 050	0 120 469 130
0 120 468 052	0 120 468 126	0 120 469 051	0 120 469 131
0 120 468 053	0 120 468 127	0 120 469 052	0 120 469 132
0 120 468 054	0 120 468 128	0 120 469 053	0 120 469 133
0 120 468 055	0 120 468 129	0 120 469 054	0 120 469 134
0 120 468 056	0 120 468 130	0 120 469 055	0 120 469 135
0 120 468 057	0 120 468 131	0 120 469 056	0 120 469 136
0 120 468 058	0 120 468 132	0 120 469 057	0 120 469 137
0 120 468 059	0 120 468 133	0 120 469 058	0 120 469 138
0 120 468 060	0 120 468 134	0 120 469 059	0 120 469 139
0 120 468 061	0 120 468 135	0 120 469 060	0 120 469 140
0 120 468 062	0 120 468 136	0 120 469 061	0 120 469 141
0 120 468 063	0 120 468 137	0 120 469 062	0 120 469 142
0 120 468 064	0 120 468 138	0 120 469 063	0 120 469 143
0 120 468 065	0 120 468 139	0 120 469 064	0 120 469 144
0 120 468 066	0 120 468 140	0 120 469 065	0 120 469 145
0 120 468 067	0 120 468 141	0 120 469 066	0 120 469 146
0 120 468 068	0 120 468 142	0 120 469 067	0 120 469 147
0 120 468 069	0 120 468 143	0 120 469 068	0 120 469 148
0 120 468 070	0 120 468 144	0 120 469 069	0 120 469 149
	0 120 468 145	0 120 469 070	0 120 469 150
	0 120 468 146	0 120 469 071	0 120 469 151
	0 120 468 147	0 120 469 072	0 120 469 152
	0 120 468 149	0 120 469 073	0 120 469 153
	0 120 468 154	0 120 469 074	0 120 469 154
	0 120 468 155	0 120 469 075	0 120 469 155

MERCEDES 190, 200
BMW
CITROEN BX
OPEL
PEUGEOT
ALFA ROMEO
AUDI
FORD
FIAT
JAGUAR XJ

Takım Sipariş Kodu / Set Order Code

BX 204

1 127 014 022
1 127 014 018
1 127 014 023
1 127 014 025
1 127 014 029
1 127 014 030



Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

2-B 204

Gerilim / Voltage
(Volt)

12

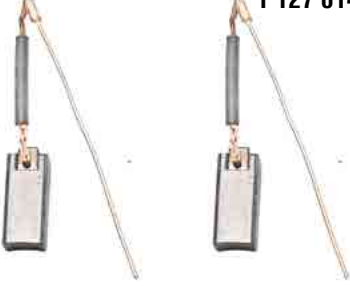
Ölçü / Dimension
(mm)

8x5x19,5

0 120 469 156	0 120 469 236	0 120 469 316	0 120 469 396
0 120 469 157	0 120 469 237	0 120 469 317	0 120 469 397
0 120 469 158	0 120 469 238	0 120 469 318	0 120 469 398
0 120 469 159	0 120 469 239	0 120 469 319	0 120 469 399
0 120 469 160	0 120 469 240	0 120 469 320	0 120 469 400
0 120 469 161	0 120 469 241	0 120 469 321	0 120 469 401
0 120 469 162	0 120 469 242	0 120 469 322	0 120 469 402
0 120 469 163	0 120 469 243	0 120 469 323	0 120 469 403
0 120 469 164	0 120 469 244	0 120 469 324	0 120 469 404
0 120 469 165	0 120 469 245	0 120 469 325	0 120 469 405
0 120 469 166	0 120 469 246	0 120 469 326	0 120 469 406
0 120 469 167	0 120 469 247	0 120 469 327	0 120 469 407
0 120 469 168	0 120 469 248	0 120 469 328	0 120 469 408
0 120 469 169	0 120 469 249	0 120 469 329	0 120 469 409
0 120 469 170	0 120 469 250	0 120 469 330	0 120 469 410
0 120 469 171	0 120 469 251	0 120 469 331	0 120 469 411
0 120 469 172	0 120 469 252	0 120 469 332	0 120 469 412
0 120 469 173	0 120 469 253	0 120 469 333	0 120 469 413
0 120 469 174	0 120 469 254	0 120 469 334	0 120 469 414
0 120 469 175	0 120 469 255	0 120 469 335	0 120 469 415
0 120 469 176	0 120 469 256	0 120 469 336	0 120 469 416
0 120 469 177	0 120 469 257	0 120 469 337	0 120 469 417
0 120 469 178	0 120 469 258	0 120 469 338	0 120 469 418
0 120 469 179	0 120 469 259	0 120 469 339	0 120 469 419
0 120 469 180	0 120 469 260	0 120 469 340	0 120 469 420
0 120 469 181	0 120 469 261	0 120 469 341	0 120 469 421
0 120 469 182	0 120 469 262	0 120 469 342	0 120 469 422
0 120 469 183	0 120 469 263	0 120 469 343	0 120 469 423
0 120 469 184	0 120 469 264	0 120 469 344	0 120 469 424
0 120 469 185	0 120 469 265	0 120 469 345	0 120 469 425
0 120 469 186	0 120 469 266	0 120 469 346	0 120 469 426
0 120 469 187	0 120 469 267	0 120 469 347	0 120 469 427
0 120 469 188	0 120 469 268	0 120 469 348	0 120 469 428
0 120 469 189	0 120 469 269	0 120 469 349	0 120 469 429
0 120 469 190	0 120 469 270	0 120 469 350	0 120 469 430
0 120 469 191	0 120 469 271	0 120 469 351	0 120 469 431
0 120 469 192	0 120 469 272	0 120 469 352	0 120 469 432
0 120 469 193	0 120 469 273	0 120 469 353	0 120 469 433
0 120 469 194	0 120 469 274	0 120 469 354	0 120 469 434
0 120 469 195	0 120 469 275	0 120 469 355	0 120 469 435
0 120 469 196	0 120 469 276	0 120 469 356	0 120 469 436
0 120 469 197	0 120 469 277	0 120 469 357	0 120 469 437
0 120 469 198	0 120 469 278	0 120 469 358	0 120 469 438
0 120 469 199	0 120 469 279	0 120 469 359	0 120 469 439
0 120 469 200	0 120 469 280	0 120 469 360	0 120 469 440
0 120 469 201	0 120 469 281	0 120 469 361	0 120 469 441
0 120 469 202	0 120 469 282	0 120 469 362	0 120 469 442
0 120 469 203	0 120 469 283	0 120 469 363	0 120 469 443
0 120 469 204	0 120 469 284	0 120 469 364	0 120 469 444
0 120 469 205	0 120 469 285	0 120 469 365	0 120 469 445
0 120 469 206	0 120 469 286	0 120 469 366	0 120 469 446
0 120 469 207	0 120 469 287	0 120 469 367	0 120 469 447
0 120 469 208	0 120 469 288	0 120 469 368	0 120 469 448
0 120 469 209	0 120 469 289	0 120 469 369	0 120 469 449
0 120 469 210	0 120 469 290	0 120 469 370	0 120 469 450
0 120 469 211	0 120 469 291	0 120 469 371	0 120 469 451
0 120 469 212	0 120 469 292	0 120 469 372	0 120 469 452
0 120 469 213	0 120 469 293	0 120 469 373	0 120 469 453
0 120 469 214	0 120 469 294	0 120 469 374	0 120 469 454
0 120 469 215	0 120 469 295	0 120 469 375	0 120 469 455
0 120 469 216	0 120 469 296	0 120 469 376	0 120 469 456
0 120 469 217	0 120 469 297	0 120 469 377	0 120 469 457
0 120 469 218	0 120 469 298	0 120 469 378	0 120 469 458
0 120 469 219	0 120 469 299	0 120 469 379	0 120 469 459
0 120 469 220	0 120 469 300	0 120 469 380	0 120 469 460
0 120 469 221	0 120 469 301	0 120 469 381	0 120 469 461
0 120 469 222	0 120 469 302	0 120 469 382	0 120 469 462
0 120 469 223	0 120 469 303	0 120 469 383	0 120 469 463
0 120 469 224	0 120 469 304	0 120 469 384	0 120 469 464
0 120 469 225	0 120 469 305	0 120 469 385	0 120 469 465
0 120 469 226	0 120 469 306	0 120 469 386	0 120 469 466
0 120 469 227	0 120 469 307	0 120 469 387	0 120 469 467
0 120 469 228	0 120 469 308	0 120 469 388	0 120 469 468
0 120 469 229	0 120 469 309	0 120 469 389	0 120 469 469
0 120 469 230	0 120 469 310	0 120 469 390	0 120 469 470
0 120 469 231	0 120 469 311	0 120 469 391	0 120 469 471
0 120 469 232	0 120 469 312	0 120 469 392	0 120 469 472
0 120 469 233	0 120 469 313	0 120 469 393	0 120 469 473
0 120 469 234	0 120 469 314	0 120 469 394	0 120 469 474
0 120 469 235	0 120 469 315	0 120 469 395	0 120 469 475

MERCEDES 190, 200
BMW
CITROEN BX
OPEL
VOLVO
PEUGEOT
ALFA ROMEO
AUDI
FIAT
FIAT
JAGUAR XJ

Takım Sipariş Kodu / Set Order Code
BX 204

1 127 014 022
1 127 014 018
1 127 014 023
1 127 014 025
1 127 014 029
1 127 014 030

**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
2-B 204
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
8x5x19,5

0 120 469 476	0 120 469 556	0 120 469 636	0 120 469 716
0 120 469 477	0 120 469 557	0 120 469 637	0 120 469 717
0 120 469 478	0 120 469 558	0 120 469 638	0 120 469 718
0 120 469 479	0 120 469 559	0 120 469 639	0 120 469 719
0 120 469 480	0 120 469 560	0 120 469 640	0 120 469 720
0 120 469 481	0 120 469 561	0 120 469 641	0 120 469 721
0 120 469 482	0 120 469 562	0 120 469 642	0 120 469 722
0 120 469 483	0 120 469 563	0 120 469 643	0 120 469 723
0 120 469 484	0 120 469 564	0 120 469 644	0 120 469 724
0 120 469 485	0 120 469 565	0 120 469 645	0 120 469 725
0 120 469 486	0 120 469 566	0 120 469 646	0 120 469 726
0 120 469 487	0 120 469 567	0 120 469 647	0 120 469 727
0 120 469 488	0 120 469 568	0 120 469 648	0 120 469 728
0 120 469 489	0 120 469 569	0 120 469 649	0 120 469 729
0 120 469 490	0 120 469 570	0 120 469 650	0 120 469 730
0 120 469 491	0 120 469 571	0 120 469 651	0 120 469 731
0 120 469 492	0 120 469 572	0 120 469 652	0 120 469 732
0 120 469 493	0 120 469 573	0 120 469 653	0 120 469 733
0 120 469 494	0 120 469 574	0 120 469 654	0 120 469 734
0 120 469 495	0 120 469 575	0 120 469 655	0 120 469 735
0 120 469 496	0 120 469 576	0 120 469 656	0 120 469 736
0 120 469 497	0 120 469 577	0 120 469 657	0 120 469 737
0 120 469 498	0 120 469 578	0 120 469 658	0 120 469 738
0 120 469 499	0 120 469 579	0 120 469 659	0 120 469 739
0 120 469 500	0 120 469 580	0 120 469 660	0 120 469 740
0 120 469 501	0 120 469 581	0 120 469 661	0 120 469 741
0 120 469 502	0 120 469 582	0 120 469 662	0 120 469 742
0 120 469 503	0 120 469 583	0 120 469 663	0 120 469 743
0 120 469 504	0 120 469 584	0 120 469 664	0 120 469 744
0 120 469 505	0 120 469 585	0 120 469 665	0 120 469 745
0 120 469 506	0 120 469 586	0 120 469 666	0 120 469 746
0 120 469 507	0 120 469 587	0 120 469 667	0 120 469 747
0 120 469 508	0 120 469 588	0 120 469 668	0 120 469 748
0 120 469 509	0 120 469 589	0 120 469 669	0 120 469 749
0 120 469 510	0 120 469 590	0 120 469 670	0 120 469 750
0 120 469 511	0 120 469 591	0 120 469 671	0 120 469 751
0 120 469 512	0 120 469 592	0 120 469 672	0 120 469 752
0 120 469 513	0 120 469 593	0 120 469 673	0 120 469 753
0 120 469 514	0 120 469 594	0 120 469 674	0 120 469 754
0 120 469 515	0 120 469 595	0 120 469 675	0 120 469 755
0 120 469 516	0 120 469 596	0 120 469 676	0 120 469 756
0 120 469 517	0 120 469 597	0 120 469 677	0 120 469 757
0 120 469 518	0 120 469 598	0 120 469 678	0 120 469 758
0 120 469 519	0 120 469 599	0 120 469 679	0 120 469 759
0 120 469 520	0 120 469 600	0 120 469 680	0 120 469 760
0 120 469 521	0 120 469 601	0 120 469 681	0 120 469 761
0 120 469 522	0 120 469 602	0 120 469 682	0 120 469 762
0 120 469 523	0 120 469 603	0 120 469 683	0 120 469 763
0 120 469 524	0 120 469 604	0 120 469 684	0 120 469 764
0 120 469 525	0 120 469 605	0 120 469 685	0 120 469 765
0 120 469 526	0 120 469 606	0 120 469 686	0 120 469 766
0 120 469 527	0 120 469 607	0 120 469 687	0 120 469 767
0 120 469 528	0 120 469 608	0 120 469 688	0 120 469 768
0 120 469 529	0 120 469 609	0 120 469 689	0 120 469 769
0 120 469 530	0 120 469 610	0 120 469 690	0 120 469 770
0 120 469 531	0 120 469 611	0 120 469 691	0 120 469 771
0 120 469 532	0 120 469 612	0 120 469 692	0 120 469 772
0 120 469 533	0 120 469 613	0 120 469 693	0 120 469 773
0 120 469 534	0 120 469 614	0 120 469 694	0 120 469 774
0 120 469 535	0 120 469 615	0 120 469 695	0 120 469 775
0 120 469 536	0 120 469 616	0 120 469 696	0 120 469 776
0 120 469 537	0 120 469 617	0 120 469 697	0 120 469 777
0 120 469 538	0 120 469 618	0 120 469 698	0 120 469 778
0 120 469 539	0 120 469 619	0 120 469 699	0 120 469 779
0 120 469 540	0 120 469 620	0 120 469 700	0 120 469 780
0 120 469 541	0 120 469 621	0 120 469 701	0 120 469 781
0 120 469 542	0 120 469 622	0 120 469 702	0 120 469 782
0 120 469 543	0 120 469 623	0 120 469 703	0 120 469 783
0 120 469 544	0 120 469 624	0 120 469 704	0 120 469 784
0 120 469 545	0 120 469 625	0 120 469 705	0 120 469 785
0 120 469 546	0 120 469 626	0 120 469 706	0 120 469 786
0 120 469 547	0 120 469 627	0 120 469 707	0 120 469 787
0 120 469 548	0 120 469 628	0 120 469 708	0 120 469 788
0 120 469 549	0 120 469 629	0 120 469 709	0 120 469 789
0 120 469 550	0 120 469 630	0 120 469 710	0 120 469 790
0 120 469 551	0 120 469 631	0 120 469 711	0 120 469 791
0 120 469 552	0 120 469 632	0 120 469 712	0 120 469 792
0 120 469 553	0 120 469 633	0 120 469 713	0 120 469 793
0 120 469 554	0 120 469 634	0 120 469 714	0 120 469 794
0 120 469 555	0 120 469 635	0 120 469 715	0 120 469 795

MERCEDES 190, 200
BMW
CITROEN BX
OPEL
VOLVO
PEUGEOT
ALFA ROMEO
AUDI
FORD
FIAT
JAGUAR XJ

Takım Sipariş Kodu / Set Order Code

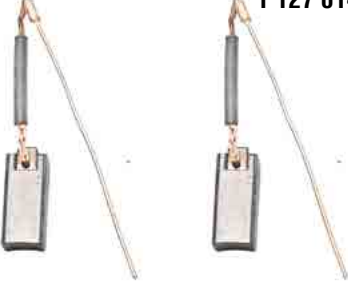
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BX 204

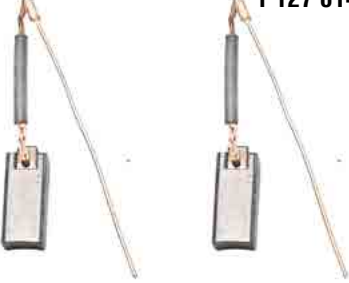
1 127 014 022
1 127 014 018
1 127 014 023
1 127 014 025
1 127 014 029
1 127 014 030

**2-B 204**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8x5x19,5**

0 120 469 796	0 120 469 876	0 120 469 956	0 120 488 015
0 120 469 797	0 120 469 877	0 120 469 957	0 120 488 016
0 120 469 798	0 120 469 878	0 120 469 958	0 120 488 017
0 120 469 799	0 120 469 879	0 120 469 959	0 120 488 018
0 120 469 800	0 120 469 880	0 120 469 960	0 120 488 019
0 120 469 801	0 120 469 881	0 120 469 961	0 120 488 020
0 120 469 802	0 120 469 882	0 120 469 962	0 120 488 021
0 120 469 803	0 120 469 883	0 120 469 963	0 120 488 022
0 120 469 804	0 120 469 884	0 120 469 964	0 120 488 023
0 120 469 805	0 120 469 885	0 120 469 965	0 120 488 024
0 120 469 806	0 120 469 886	0 120 469 966	0 120 488 025
0 120 469 807	0 120 469 887	0 120 469 967	0 120 488 026
0 120 469 808	0 120 469 888	0 120 469 968	0 120 488 027
0 120 469 809	0 120 469 889	0 120 469 969	0 120 488 028
0 120 469 810	0 120 469 890	0 120 469 970	0 120 488 029
0 120 469 811	0 120 469 891	0 120 469 971	0 120 488 030
0 120 469 812	0 120 469 892	0 120 469 972	0 120 488 031
0 120 469 813	0 120 469 893	0 120 469 973	0 120 488 032
0 120 469 814	0 120 469 894	0 120 469 974	0 120 488 033
0 120 469 815	0 120 469 895	0 120 469 975	0 120 488 034
0 120 469 816	0 120 469 896	0 120 469 976	0 120 488 035
0 120 469 817	0 120 469 897	0 120 469 977	0 120 488 036
0 120 469 818	0 120 469 898	0 120 469 978	0 120 488 037
0 120 469 819	0 120 469 899	0 120 469 979	0 120 488 038
0 120 469 820	0 120 469 900	0 120 469 980	0 120 488 039
0 120 469 821	0 120 469 901	0 120 469 981	0 120 488 040
0 120 469 822	0 120 469 902	0 120 469 982	0 120 488 041
0 120 469 823	0 120 469 903	0 120 469 983	0 120 488 042
0 120 469 824	0 120 469 904	0 120 469 984	0 120 488 043
0 120 469 825	0 120 469 905	0 120 469 985	0 120 488 044
0 120 469 826	0 120 469 906	0 120 469 986	0 120 488 045
0 120 469 827	0 120 469 907	0 120 469 987	0 120 488 046
0 120 469 828	0 120 469 908	0 120 469 988	0 120 488 047
0 120 469 829	0 120 469 909	0 120 469 989	0 120 488 048
0 120 469 830	0 120 469 910	0 120 469 990	0 120 488 049
0 120 469 831	0 120 469 911	0 120 469 991	0 120 488 050
0 120 469 832	0 120 469 912	0 120 469 992	0 120 488 051
0 120 469 833	0 120 469 913	0 120 469 993	0 120 488 052
0 120 469 834	0 120 469 914	0 120 469 994	0 120 488 053
0 120 469 835	0 120 469 915	0 120 469 995	0 120 488 054
0 120 469 836	0 120 469 916	0 120 469 996	0 120 488 055
0 120 469 837	0 120 469 917	0 120 469 997	0 120 488 056
0 120 469 838	0 120 469 918	0 120 469 998	0 120 488 057
0 120 469 839	0 120 469 919	0 120 469 999	0 120 488 058
0 120 469 840	0 120 469 920	0 120 484 001	0 120 488 059
0 120 469 841	0 120 469 921	0 120 484 002	0 120 488 060
0 120 469 842	0 120 469 922	0 120 484 003	0 120 488 061
0 120 469 843	0 120 469 923	0 120 484 004	0 120 488 062
0 120 469 844	0 120 469 924	0 120 484 005	0 120 488 063
0 120 469 845	0 120 469 925	0 120 484 006	0 120 488 064
0 120 469 846	0 120 469 926	0 120 484 007	0 120 488 065
0 120 469 847	0 120 469 927	0 120 484 008	0 120 488 066
0 120 469 848	0 120 469 928	0 120 484 009	0 120 488 067
0 120 469 849	0 120 469 929	0 120 484 010	0 120 488 068
0 120 469 850	0 120 469 930	0 120 484 011	0 120 488 069
0 120 469 851	0 120 469 931	0 120 484 012	0 120 488 070
0 120 469 852	0 120 469 932	0 120 484 013	0 120 488 071
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0 120 469 859	0 120 469 939	0 120 484 020	0 120 488 078
0 120 469 860	0 120 469 940	0 120 484 021	0 120 488 079
0 120 469 861	0 120 469 941	0 120 484 022	0 120 488 080
0 120 469 862	0 120 469 942	0 120 484 023	0 120 488 081
0 120 469 863	0 120 469 943	0 120 484 024	0 120 488 082
0 120 469 864	0 120 469 944	0 120 484 025	0 120 488 083
0 120 469 865	0 120 469 945	0 120 484 026	0 120 488 084
0 120 469 866	0 120 469 946	0 120 484 027	0 120 488 085
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0 120 469 868	0 120 469 948	0 120 484 040	0 120 488 087
0 120 469 869	0 120 469 949	0 120 484 041	0 120 488 088
0 120 469 870	0 120 469 950	0 120 484 050	0 120 488 089
0 120 469 871	0 120 469 951	0 120 484 051	0 120 488 090
0 120 469 872	0 120 469 952	0 120 488 001	0 120 488 091
0 120 469 873	0 120 469 953	0 120 488 012	0 120 488 092
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0 120 469 875	0 120 469 955	0 120 488 014	0 120 488 094

MERCEDES 190, 200
BMW
CITROEN BX
OPEL
VOLVO
PEUGEOT
ALFA ROMEO
AUDI
FORD
FIAT
JAGUAR XJ

Takım Sipariş Kodu / Set Order Code
BX 204

1 127 014 022
1 127 014 018
1 127 014 023
1 127 014 025
1 127 014 029
1 127 014 030

**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
2-B 204
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
8x5x19,5

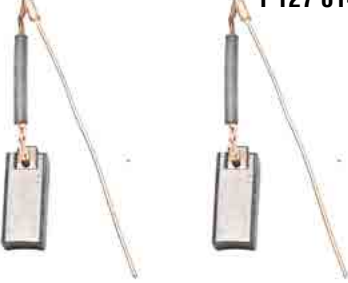
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0 120 488 105	0 120 488 185	0 120 488 265	0 120 489 049
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0 120 488 112	0 120 488 192	0 120 488 272	0 120 489 056
0 120 488 113	0 120 488 193	0 120 488 273	0 120 489 057
0 120 488 114	0 120 488 194	0 120 488 274	0 120 489 058
0 120 488 115	0 120 488 195	0 120 488 275	0 120 489 059
0 120 488 116	0 120 488 196	0 120 488 276	0 120 489 060
0 120 488 117	0 120 488 197	0 120 488 277	0 120 489 061
0 120 488 118	0 120 488 198	0 120 488 278	0 120 489 062
0 120 488 119	0 120 488 199	0 120 488 279	0 120 489 063
0 120 488 120	0 120 488 200	0 120 488 280	0 120 489 064
0 120 488 121	0 120 488 201	0 120 488 281	0 120 489 065
0 120 488 122	0 120 488 202	0 120 488 282	0 120 489 066
0 120 488 123	0 120 488 203	0 120 488 283	0 120 489 067
0 120 488 124	0 120 488 204	0 120 488 284	0 120 489 068
0 120 488 125	0 120 488 205	0 120 488 285	0 120 489 069
0 120 488 126	0 120 488 206	0 120 488 286	0 120 489 070
0 120 488 127	0 120 488 207	0 120 488 287	0 120 489 071
0 120 488 128	0 120 488 208	0 120 488 288	0 120 489 072
0 120 488 129	0 120 488 209	0 120 488 289	0 120 489 073
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0 120 488 134	0 120 488 214	0 120 488 294	0 120 489 078
0 120 488 135	0 120 488 215	0 120 488 295	0 120 489 079
0 120 488 136	0 120 488 216	0 120 488 296	0 120 489 080
0 120 488 137	0 120 488 217	0 120 488 297	0 120 489 081
0 120 488 138	0 120 488 218	0 120 488 298	0 120 489 082
0 120 488 139	0 120 488 219	0 120 488 299	0 120 489 083
0 120 488 140	0 120 488 220	0 120 488 300	0 120 489 084
0 120 488 141	0 120 488 221	0 120 488 301	0 120 489 085
0 120 488 142	0 120 488 222	0 120 488 302	0 120 489 086
0 120 488 143	0 120 488 223	0 120 488 303	0 120 489 087
0 120 488 144	0 120 488 224	0 120 488 304	0 120 489 088
0 120 488 145	0 120 488 225	0 120 488 305	0 120 489 089
0 120 488 146	0 120 488 226	0 120 488 306	0 120 489 090
0 120 488 147	0 120 488 227	0 120 488 307	0 120 489 091
0 120 488 148	0 120 488 228	0 120 488 308	0 120 489 092
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0 120 488 150	0 120 488 230	0 120 488 310	0 120 489 094
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0 120 488 152	0 120 488 232	0 120 488 312	0 120 489 096
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0 120 488 156	0 120 488 236	0 120 489 020	0 120 489 100
0 120 488 157	0 120 488 237	0 120 489 021	0 120 489 101
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0 120 488 160	0 120 488 240	0 120 489 024	0 120 489 104
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0 120 488 165	0 120 488 245	0 120 489 029	0 120 489 109
0 120 488 166	0 120 488 246	0 120 489 030	0 120 489 110
0 120 488 167	0 120 488 247	0 120 489 031	0 120 489 111
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0 120 488 170	0 120 488 250	0 120 489 034	0 120 489 114
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0 120 488 174	0 120 488 254	0 120 489 038	0 120 489 118

MERCEDES 190, 200
BMW
CITROEN BX
OPEL
VOLVO
PEUGEOT
ALFA ROMEO
AUDI
FORD
FIAT
JAGUAR XJ

Takım Sipariş Kodu / Set Order Code

BX 204

1 127 014 022
1 127 014 018
1 127 014 023
1 127 014 025
1 127 014 029
1 127 014 030



Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

2-B 204

Gerilim / Voltage
(Volt)

12

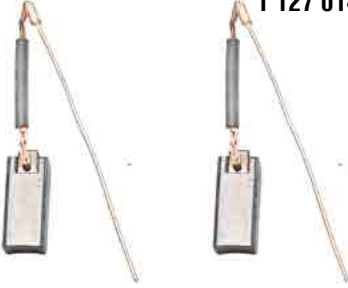
Ölçü / Dimension
(mm)

8x5x19,5

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0 120 489 132	0 120 489 212	0 120 489 292	0 120 489 372
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0 120 489 139	0 120 489 219	0 120 489 299	0 120 489 379
0 120 489 140	0 120 489 220	0 120 489 300	0 120 489 380
0 120 489 141	0 120 489 221	0 120 489 301	0 120 489 381
0 120 489 142	0 120 489 222	0 120 489 302	0 120 489 382
0 120 489 143	0 120 489 223	0 120 489 303	0 120 489 383
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0 120 489 145	0 120 489 225	0 120 489 305	0 120 489 385
0 120 489 146	0 120 489 226	0 120 489 306	0 120 489 386
0 120 489 147	0 120 489 227	0 120 489 307	0 120 489 387
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0 120 489 153	0 120 489 233	0 120 489 313	0 120 489 393
0 120 489 154	0 120 489 234	0 120 489 314	0 120 489 394
0 120 489 155	0 120 489 235	0 120 489 315	0 120 489 395
0 120 489 156	0 120 489 236	0 120 489 316	0 120 489 396
0 120 489 157	0 120 489 237	0 120 489 317	0 120 489 397
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0 120 489 159	0 120 489 239	0 120 489 319	0 120 489 399
0 120 489 160	0 120 489 240	0 120 489 320	0 120 489 400
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0 120 489 166	0 120 489 246	0 120 489 326	0 120 489 406
0 120 489 167	0 120 489 247	0 120 489 327	0 120 489 407
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0 120 489 171	0 120 489 251	0 120 489 331	0 120 489 411
0 120 489 172	0 120 489 252	0 120 489 332	0 120 489 412
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0 120 489 176	0 120 489 256	0 120 489 336	0 120 489 416
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0 120 489 179	0 120 489 259	0 120 489 339	0 120 489 419
0 120 489 180	0 120 489 260	0 120 489 340	0 120 489 420
0 120 489 181	0 120 489 261	0 120 489 341	0 120 489 421
0 120 489 182	0 120 489 262	0 120 489 342	0 120 489 422
0 120 489 183	0 120 489 263	0 120 489 343	0 120 489 423
0 120 489 184	0 120 489 264	0 120 489 344	0 120 489 424
0 120 489 185	0 120 489 265	0 120 489 345	0 120 489 425
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0 120 489 189	0 120 489 269	0 120 489 349	0 120 489 429
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0 120 489 191	0 120 489 271	0 120 489 351	0 120 489 431
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0 120 489 195	0 120 489 275	0 120 489 355	0 120 489 435
0 120 489 196	0 120 489 276	0 120 489 356	0 120 489 436
0 120 489 197	0 120 489 277	0 120 489 357	0 120 489 437
0 120 489 198	0 120 489 278	0 120 489 358	0 120 489 438

MERCEDES 190, 200
BMW
CITROEN BX
OPEL
VOLVO
PEUGEOT
ALFA ROMEO
AUDI
FORD
FIAT
JAGUAR XJ

Takım Sipariş Kodu / Set Order Code
BX 204

1 127 014 022
1 127 014 018
1 127 014 023
1 127 014 025
1 127 014 029
1 127 014 030

**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
2-B 204
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
8x5x19,5

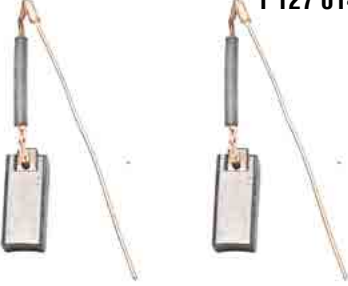
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0 120 489 444	0 120 489 524	0 120 489 604	0 120 489 684
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0 120 489 451	0 120 489 531	0 120 489 611	0 120 489 691
0 120 489 452	0 120 489 532	0 120 489 612	0 120 489 692
0 120 489 453	0 120 489 533	0 120 489 613	0 120 489 693
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0 120 489 456	0 120 489 536	0 120 489 616	0 120 489 696
0 120 489 457	0 120 489 537	0 120 489 617	0 120 489 697
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0 120 489 459	0 120 489 539	0 120 489 619	0 120 489 699
0 120 489 460	0 120 489 540	0 120 489 620	0 120 489 700
0 120 489 461	0 120 489 541	0 120 489 621	0 120 489 701
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0 120 489 481	0 120 489 561	0 120 489 641	0 120 489 721
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0 120 489 491	0 120 489 571	0 120 489 651	0 120 489 731
0 120 489 492	0 120 489 572	0 120 489 652	0 120 489 732
0 120 489 493	0 120 489 573	0 120 489 653	0 120 489 733
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0 120 489 509	0 120 489 589	0 120 489 669	0 120 489 749
0 120 489 510	0 120 489 590	0 120 489 670	0 120 489 750
0 120 489 511	0 120 489 591	0 120 489 671	0 120 489 751
0 120 489 512	0 120 489 592	0 120 489 672	0 120 489 752
0 120 489 513	0 120 489 593	0 120 489 673	0 120 489 753
0 120 489 514	0 120 489 594	0 120 489 674	0 120 489 754
0 120 489 515	0 120 489 595	0 120 489 675	0 120 489 755
0 120 489 516	0 120 489 596	0 120 489 676	0 120 489 756
0 120 489 517	0 120 489 597	0 120 489 677	0 120 489 757
0 120 489 518	0 120 489 598	0 120 489 678	0 120 489 758

MERCEDES 190, 200
BMW
CITROEN BX
OPEL
VOLVO
PEUGEOT
ALFA ROMEO
AUDI
FORD
FIAT
JAGUAR XJ

Takım Sipariş Kodu / Set Order Code

BX 204

1 127 014 022
1 127 014 018
1 127 014 023
1 127 014 025
1 127 014 029
1 127 014 030



Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

2-B 204

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

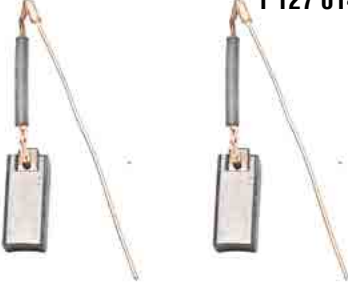
8x5x19,5

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0 120 489 763	0 120 489 843	0 120 489 923	9 120 335 003
0 120 489 764	0 120 489 844	0 120 489 924	9 120 144 123
0 120 489 765	0 120 489 845	0 120 489 925	9 120 144 124
0 120 489 766	0 120 489 846	0 120 489 926	9 120 144 125
0 120 489 767	0 120 489 847	0 120 489 927	9 120 144 126
0 120 489 768	0 120 489 848	0 120 489 928	9 120 144 127
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0 120 489 770	0 120 489 850	0 120 489 930	9 120 144 129
0 120 489 771	0 120 489 851	0 120 489 931	9 120 144 130
0 120 489 772	0 120 489 852	0 120 489 932	9 120 144 131
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0 120 489 776	0 120 489 856	0 120 489 936	9 120 144 135
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0 120 489 785	0 120 489 865	0 120 489 945	9 120 144 144
0 120 489 786	0 120 489 866	0 120 489 946	9 120 144 145
0 120 489 787	0 120 489 867	0 120 489 947	9 120 144 146
0 120 489 788	0 120 489 868	0 120 489 948	9 120 144 147
0 120 489 789	0 120 489 869	0 120 489 949	9 120 144 148
0 120 489 790	0 120 489 870	0 120 489 950	9 120 144 149
0 120 489 791	0 120 489 871	0 120 489 951	9 120 144 150
0 120 489 792	0 120 489 872	0 120 489 952	9 120 144 151
0 120 489 793	0 120 489 873	0 120 489 953	9 120 144 152
0 120 489 794	0 120 489 874	0 120 489 954	9 120 144 153
0 120 489 795	0 120 489 875	0 120 489 955	9 120 144 154
0 120 489 796	0 120 489 876	0 120 489 956	9 120 144 155
0 120 489 797	0 120 489 877	0 120 489 957	9 120 144 156
0 120 489 798	0 120 489 878	0 120 489 958	9 120 144 157
0 120 489 799	0 120 489 879	0 120 489 959	9 120 144 158
0 120 489 800	0 120 489 880	0 120 489 960	9 120 144 159
0 120 489 801	0 120 489 881	0 120 489 961	9 120 144 160
0 120 489 802	0 120 489 882	0 120 489 962	9 120 144 161
0 120 489 803	0 120 489 883	0 120 489 963	9 120 144 162
0 120 489 804	0 120 489 884	0 120 489 964	9 120 144 163
0 120 489 805	0 120 489 885	0 120 489 965	9 120 144 164
0 120 489 806	0 120 489 886	0 120 489 966	9 120 144 165
0 120 489 807	0 120 489 887	0 120 489 967	9 120 144 166
0 120 489 808	0 120 489 888	0 120 489 968	9 120 144 167
0 120 489 809	0 120 489 889	0 120 489 969	9 120 144 168
0 120 489 810	0 120 489 890	0 120 489 970	9 120 144 169
0 120 489 811	0 120 489 891	0 120 489 971	9 120 144 170
0 120 489 812	0 120 489 892	0 120 489 972	9 120 144 171
0 120 489 813	0 120 489 893	0 120 489 973	9 120 144 172
0 120 489 814	0 120 489 894	0 120 489 974	9 120 144 173
0 120 489 815	0 120 489 895	0 120 489 975	9 120 144 174
0 120 489 816	0 120 489 896	0 120 489 976	9 120 144 175
0 120 489 817	0 120 489 897	0 120 489 977	9 120 144 176
0 120 489 818	0 120 489 898	0 120 489 978	9 120 144 177
0 120 489 819	0 120 489 899	0 120 489 979	9 120 144 178
0 120 489 820	0 120 489 900	0 120 489 980	9 120 144 179
0 120 489 821	0 120 489 901	0 120 489 981	9 120 144 180
0 120 489 822	0 120 489 902	0 120 489 982	9 120 144 181
0 120 489 823	0 120 489 903	0 120 489 983	9 120 144 182
0 120 489 824	0 120 489 904	0 120 489 984	9 120 144 183
0 120 489 825	0 120 489 905	0 120 489 985	9 120 144 184
0 120 489 826	0 120 489 906	0 120 489 986	9 120 144 185
0 120 489 827	0 120 489 907	0 120 489 987	9 120 144 186
0 120 489 828	0 120 489 908	0 120 489 988	9 120 144 187
0 120 489 829	0 120 489 909	0 120 489 989	9 120 144 188
0 120 489 830	0 120 489 910	0 120 489 990	9 120 144 189
0 120 489 831	0 120 489 911	0 120 489 991	9 120 144 190
0 120 489 832	0 120 489 912	0 120 489 992	9 120 144 191
0 120 489 833	0 120 489 913	0 120 489 993	9 120 144 192
0 120 489 834	0 120 489 914	0 120 489 994	9 120 144 193
0 120 489 835	0 120 489 915	0 120 489 995	9 120 144 194
0 120 489 836	0 120 489 916	0 120 489 996	9 120 144 195
0 120 489 837	0 120 489 917	0 120 489 997	9 120 144 196
0 120 489 838	0 120 489 918	9 120 080 129	9 120 144 197

MERCEDES 190, 200
BMW
CITROEN BX
OPEL
VOLVO
PEUGEOT
ALFA ROMEO
AUDI
FORD
FIAT
JAGUAR XJ

Takım Sipariş Kodu / Set Order Code

BX 204

 1 127 014 022
 1 127 014 018
 1 127 014 023
 1 127 014 025
 1 127 014 029
 1 127 014 030

 Özellikler
 Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

2-B 204

 Gerilim / Voltage
 (Volt)

12

 Ölçü / Dimension
 (mm)

8x5x19,5

9 120 144 198	9 120 144 278	9 120 144 358
9 120 144 199	9 120 144 279	9 120 144 359
9 120 144 200	9 120 144 280	9 120 144 360
9 120 144 201	9 120 144 281	9 120 144 361
9 120 144 202	9 120 144 282	9 120 144 362
9 120 144 203	9 120 144 283	9 120 144 363
9 120 144 204	9 120 144 284	9 120 144 364
9 120 144 205	9 120 144 285	9 120 144 365
9 120 144 206	9 120 144 286	9 120 144 366
9 120 144 207	9 120 144 287	9 120 144 367
9 120 144 208	9 120 144 288	9 120 144 368
9 120 144 209	9 120 144 289	9 120 144 369
9 120 144 210	9 120 144 290	9 120 144 370
9 120 144 211	9 120 144 291	9 120 144 371
9 120 144 212	9 120 144 292	9 120 144 372
9 120 144 213	9 120 144 293	9 120 144 373
9 120 144 214	9 120 144 294	9 120 144 374
9 120 144 215	9 120 144 295	9 120 144 375
9 120 144 216	9 120 144 296	9 120 144 376
9 120 144 217	9 120 144 297	9 120 144 377
9 120 144 218	9 120 144 298	9 120 144 378
9 120 144 219	9 120 144 299	9 120 144 379
9 120 144 220	9 120 144 300	9 120 144 380
9 120 144 221	9 120 144 301	9 120 144 381
9 120 144 222	9 120 144 302	9 120 144 382
9 120 144 223	9 120 144 303	9 120 144 383
9 120 144 224	9 120 144 304	9 120 144 384
9 120 144 225	9 120 144 305	9 120 144 385
9 120 144 226	9 120 144 306	9 120 144 386
9 120 144 227	9 120 144 307	9 120 144 387
9 120 144 228	9 120 144 308	9 120 144 388
9 120 144 229	9 120 144 309	9 120 144 389
9 120 144 230	9 120 144 310	9 120 144 390
9 120 144 231	9 120 144 311	9 120 144 391
9 120 144 232	9 120 144 312	9 120 144 392
9 120 144 233	9 120 144 313	9 120 144 393
9 120 144 234	9 120 144 314	9 120 144 394
9 120 144 235	9 120 144 315	9 120 144 395
9 120 144 236	9 120 144 316	9 120 144 396
9 120 144 237	9 120 144 317	9 120 144 397
9 120 144 238	9 120 144 318	9 120 144 398
9 120 144 239	9 120 144 319	9 120 144 399
9 120 144 240	9 120 144 320	9 120 144 400
9 120 144 241	9 120 144 321	9 120 144 401
9 120 144 242	9 120 144 322	9 120 144 402
9 120 144 243	9 120 144 323	9 120 144 403
9 120 144 244	9 120 144 324	9 120 144 404
9 120 144 245	9 120 144 325	9 120 144 405
9 120 144 246	9 120 144 326	9 120 144 406
9 120 144 247	9 120 144 327	9 120 144 407
9 120 144 248	9 120 144 328	9 120 144 408
9 120 144 249	9 120 144 329	9 120 144 409
9 120 144 250	9 120 144 330	9 120 144 410
9 120 144 251	9 120 144 331	9 120 144 411
9 120 144 252	9 120 144 332	9 120 144 412
9 120 144 253	9 120 144 333	9 120 144 413
9 120 144 254	9 120 144 334	9 120 144 414
9 120 144 255	9 120 144 335	9 120 144 415
9 120 144 256	9 120 144 336	9 120 144 416
9 120 144 257	9 120 144 337	9 120 144 417
9 120 144 258	9 120 144 338	9 120 144 418
9 120 144 259	9 120 144 339	9 120 144 419
9 120 144 260	9 120 144 340	9 120 144 420
9 120 144 261	9 120 144 341	9 120 144 421
9 120 144 262	9 120 144 342	9 120 144 422
9 120 144 263	9 120 144 343	9 120 144 423
9 120 144 264	9 120 144 344	9 120 144 424
9 120 144 265	9 120 144 345	9 120 144 425
9 120 144 266	9 120 144 346	9 120 144 426
9 120 144 267	9 120 144 347	9 120 144 427
9 120 144 268	9 120 144 348	9 120 144 428
9 120 144 269	9 120 144 349	9 120 144 429
9 120 144 270	9 120 144 350	9 120 144 430
9 120 144 271	9 120 144 351	9 120 144 431
9 120 144 272	9 120 144 352	9 120 144 432
9 120 144 273	9 120 144 353	9 120 144 433
9 120 144 274	9 120 144 354	9 120 144 434
9 120 144 275	9 120 144 355	9 120 144 435
9 120 144 276	9 120 144 356	9 120 144 436
9 120 144 277	9 120 144 357	9 120 144 437

 MERCEDES 190, 200
 BMW
 CITROEN BX
 OPEL
 VOLVO
 PEUGEOT
 ALFA ROMEO
 AUDI
 FORD
 FIAT
 JAGUAR XJ

Takım Sipariş Kodu / Set Order Code

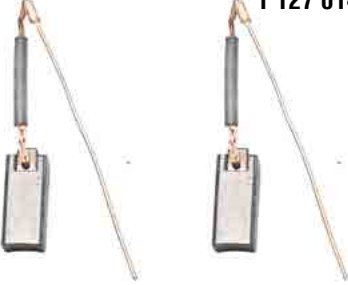
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BX 204

1 127 014 022
1 127 014 018
1 127 014 023
1 127 014 025
1 127 014 029
1 127 014 030

**2-B 204**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8x5x19,5**

9 120 144 438	9 120 144 518	9 120 144 598
9 120 144 439	9 120 144 519	9 120 144 599
9 120 144 440	9 120 144 520	9 120 144 600
9 120 144 441	9 120 144 521	9 120 144 601
9 120 144 442	9 120 144 522	9 120 144 602
9 120 144 443	9 120 144 523	9 120 144 603
9 120 144 444	9 120 144 524	9 120 144 604
9 120 144 445	9 120 144 525	9 120 144 605
9 120 144 446	9 120 144 526	9 120 144 606
9 120 144 447	9 120 144 527	9 120 144 607
9 120 144 448	9 120 144 528	9 120 144 608
9 120 144 449	9 120 144 529	9 120 144 609
9 120 144 450	9 120 144 530	9 120 144 610
9 120 144 451	9 120 144 531	9 120 144 611
9 120 144 452	9 120 144 532	9 120 144 612
9 120 144 453	9 120 144 533	9 120 144 613
9 120 144 454	9 120 144 534	9 120 144 614
9 120 144 455	9 120 144 535	9 120 144 615
9 120 144 456	9 120 144 536	9 120 144 616
9 120 144 457	9 120 144 537	9 120 144 617
9 120 144 458	9 120 144 538	9 120 144 618
9 120 144 459	9 120 144 539	9 120 144 619
9 120 144 460	9 120 144 540	9 120 144 620
9 120 144 461	9 120 144 541	9 120 144 621
9 120 144 462	9 120 144 542	9 120 144 622
9 120 144 463	9 120 144 543	9 120 144 623
9 120 144 464	9 120 144 544	9 120 144 624
9 120 144 465	9 120 144 545	9 120 144 625
9 120 144 466	9 120 144 546	9 120 144 626
9 120 144 467	9 120 144 547	9 120 144 627
9 120 144 468	9 120 144 548	9 120 144 628
9 120 144 469	9 120 144 549	9 120 144 629
9 120 144 470	9 120 144 550	9 120 144 630
9 120 144 471	9 120 144 551	9 120 144 631
9 120 144 472	9 120 144 552	9 120 144 632
9 120 144 473	9 120 144 553	9 120 144 633
9 120 144 474	9 120 144 554	9 120 144 634
9 120 144 475	9 120 144 555	9 120 144 635
9 120 144 476	9 120 144 556	9 120 144 636
9 120 144 477	9 120 144 557	9 120 690 095
9 120 144 478	9 120 144 558	9 120 690 098
9 120 144 479	9 120 144 559	9 120 690 150
9 120 144 480	9 120 144 560	9 120 690 152
9 120 144 481	9 120 144 561	9 120 690 154
9 120 144 482	9 120 144 562	9 121 337 079
9 120 144 483	9 120 144 563	
9 120 144 484	9 120 144 564	
9 120 144 485	9 120 144 565	
9 120 144 486	9 120 144 566	
9 120 144 487	9 120 144 567	
9 120 144 488	9 120 144 568	
9 120 144 489	9 120 144 569	
9 120 144 490	9 120 144 570	
9 120 144 491	9 120 144 571	
9 120 144 492	9 120 144 572	
9 120 144 493	9 120 144 573	
9 120 144 494	9 120 144 574	
9 120 144 495	9 120 144 575	
9 120 144 496	9 120 144 576	
9 120 144 497	9 120 144 577	
9 120 144 498	9 120 144 578	
9 120 144 499	9 120 144 579	
9 120 144 500	9 120 144 580	
9 120 144 501	9 120 144 581	
9 120 144 502	9 120 144 582	
9 120 144 503	9 120 144 583	
9 120 144 504	9 120 144 584	
9 120 144 505	9 120 144 585	
9 120 144 506	9 120 144 586	
9 120 144 507	9 120 144 587	
9 120 144 508	9 120 144 588	
9 120 144 509	9 120 144 589	
9 120 144 510	9 120 144 590	
9 120 144 511	9 120 144 591	
9 120 144 512	9 120 144 592	
9 120 144 513	9 120 144 593	
9 120 144 514	9 120 144 594	
9 120 144 515	9 120 144 595	
9 120 144 516	9 120 144 596	
9 120 144 517	9 120 144 597	

MERCEDES 190, 200
BMW
CITROEN BX
OPEL
VOLVO
PEUGEOT
ALFA ROMEO
AUDI
FORD
FIAT
JAGUAR XJ

Takım Sipariş Kodu / Set Order Code

BX 208

1 127 014 028

Özellikler
Properties**2-B 208**Gerilim / Voltage
(Volt)**12/24**Ölçü / Dimen-
sion (mm)**4x6x17,5**

Motor Numarası / Unit No.

0 120 335 006-008,010-012,

Araç Modeli/Vehicle Model

VOLKSWAGEN PASSAT,
POLO GOLF,
SHARAN
VENTO
CADDY
TRANS-
PORTER
TOLEDO

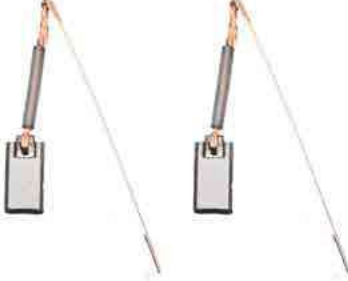
SEAT TOLEDO
IBIZA,
CORDOBA
CORSA

OPEL
VOLVO
BMW
MERCEDES
PEUGEOT

Takım Sipariş Kodu / Set Order Code

BX 209

1 127 014 021



Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

2-B 209

Gerilim / Voltage
(Volt)

12/24

Ölçü / Dimension
(mm)

8x5x15,5

0 120 339 502	0 120 489 062	0 120 489 142	0 120 489 222
0 120 339 503	0 120 489 063	0 120 489 143	0 120 489 223
0 120 339 504	0 120 489 064	0 120 489 144	0 120 489 224
0 120 339 505	0 120 489 065	0 120 489 145	0 120 489 225
0 120 339 506	0 120 489 066	0 120 489 146	0 120 489 226
0 120 339 509	0 120 489 067	0 120 489 147	0 120 489 227
0 120 339 511	0 120 489 068	0 120 489 148	0 120 489 228
0 120 339 513	0 120 489 069	0 120 489 149	0 120 489 229
0 120 339 514	0 120 489 070	0 120 489 150	0 120 489 230
0 120 339 518	0 120 489 071	0 120 489 151	0 120 489 231
0 120 339 520	0 120 489 072	0 120 489 152	0 120 489 232
0 120 339 522	0 120 489 073	0 120 489 153	0 120 489 233
0 120 339 523	0 120 489 074	0 120 489 154	0 120 489 234
0 120 339 524	0 120 489 075	0 120 489 155	0 120 489 235
0 120 339 526	0 120 489 076	0 120 489 156	0 120 489 236
0 120 339 527	0 120 489 077	0 120 489 157	0 120 489 237
0 120 339 528	0 120 489 078	0 120 489 158	0 120 489 238
0 120 339 531	0 120 489 079	0 120 489 159	0 120 489 239
0 120 339 532	0 120 489 080	0 120 489 160	0 120 489 240
0 120 339 534	0 120 489 081	0 120 489 161	0 120 489 241
0 120 339 536	0 120 489 082	0 120 489 162	0 120 489 242
0 120 339 538	0 120 489 083	0 120 489 163	0 120 489 243
0 120 339 543	0 120 489 084	0 120 489 164	0 120 489 244
0 120 339 546	0 120 489 085	0 120 489 165	0 120 489 245
0 120 400 938	0 120 489 086	0 120 489 166	0 120 489 246
0 120 400 939	0 120 489 087	0 120 489 167	0 120 489 247
0 120 400 941	0 120 489 088	0 120 489 168	0 120 489 248
0 120 400 942	0 120 489 089	0 120 489 169	0 120 489 249
0 120 450 009	0 120 489 090	0 120 489 170	0 120 489 250
0 120 469 500	0 120 489 091	0 120 489 171	0 120 489 251
0 120 469 507	0 120 489 092	0 120 489 172	0 120 489 252
0 120 469 508	0 120 489 093	0 120 489 173	0 120 489 253
0 120 469 509	0 120 489 094	0 120 489 174	0 120 489 254
0 120 469 510	0 120 489 095	0 120 489 175	0 120 489 255
0 120 469 511	0 120 489 096	0 120 489 176	0 120 489 256
0 120 469 512	0 120 489 097	0 120 489 177	0 120 489 257
0 120 469 513	0 120 489 098	0 120 489 178	0 120 489 258
0 120 469 514	0 120 489 099	0 120 489 179	0 120 489 259
0 120 469 515	0 120 489 100	0 120 489 180	0 120 489 260
0 120 469 516	0 120 489 101	0 120 489 181	0 120 489 261
0 120 469 517	0 120 489 102	0 120 489 182	0 120 489 262
0 120 469 518	0 120 489 103	0 120 489 183	0 120 489 263
0 120 469 519	0 120 489 104	0 120 489 184	0 120 489 264
0 120 469 520	0 120 489 105	0 120 489 185	0 120 489 265
0 120 469 521	0 120 489 106	0 120 489 186	0 120 489 266
0 120 469 522	0 120 489 107	0 120 489 187	0 120 489 267
0 120 469 523	0 120 489 108	0 120 489 188	0 120 489 268
0 120 469 524	0 120 489 109	0 120 489 189	0 120 489 269
0 120 469 525	0 120 489 110	0 120 489 190	0 120 489 270
0 120 469 526	0 120 489 111	0 120 489 191	0 120 489 271
0 120 469 527	0 120 489 112	0 120 489 192	0 120 489 272
0 120 469 528	0 120 489 113	0 120 489 193	0 120 489 273
0 120 469 529	0 120 489 114	0 120 489 194	0 120 489 274
0 120 469 530	0 120 489 115	0 120 489 195	0 120 489 275
0 120 469 531	0 120 489 116	0 120 489 196	0 120 489 276
0 120 469 532	0 120 489 117	0 120 489 197	0 120 489 277
0 120 469 533	0 120 489 118	0 120 489 198	0 120 489 278
0 120 469 534	0 120 489 119	0 120 489 199	0 120 489 279
0 120 469 535	0 120 489 120	0 120 489 200	0 120 489 280
0 120 469 536	0 120 489 121	0 120 489 201	0 120 489 281
0 120 469 537	0 120 489 122	0 120 489 202	0 120 489 282
0 120 469 538	0 120 489 123	0 120 489 203	0 120 489 283
0 120 469 539	0 120 489 124	0 120 489 204	0 120 489 284
0 120 469 540	0 120 489 125	0 120 489 205	0 120 489 285
0 120 469 541	0 120 489 126	0 120 489 206	0 120 489 286
0 120 469 542	0 120 489 127	0 120 489 207	0 120 489 287
0 120 469 543	0 120 489 128	0 120 489 208	0 120 489 288
0 120 469 544	0 120 489 129	0 120 489 209	0 120 489 289
0 120 469 545	0 120 489 130	0 120 489 210	0 120 489 290
0 120 469 546	0 120 489 131	0 120 489 211	0 120 489 291
0 120 469 547	0 120 489 132	0 120 489 212	0 120 489 292
0 120 469 548	0 120 489 133	0 120 489 213	0 120 489 293
0 120 469 549	0 120 489 134	0 120 489 214	0 120 489 294
0 120 469 550	0 120 489 135	0 120 489 215	0 120 489 295
0 120 469 551	0 120 489 136	0 120 489 216	0 120 489 296
0 120 469 552	0 120 489 137	0 120 489 217	0 120 489 297
0 120 469 553	0 120 489 138	0 120 489 218	0 120 489 298
0 120 469 554	0 120 489 139	0 120 489 219	0 120 489 299
0 120 469 555	0 120 489 140	0 120 489 220	0 120 489 300
	0 120 489 141	0 120 489 221	0 120 489 301

MERCEDES

KAMYON / TRUCK

FIAT TRAKTÖR / TRACTOR

SAAB

J.DEER

MAN

Takım Sipariş Kodu / Set Order Code

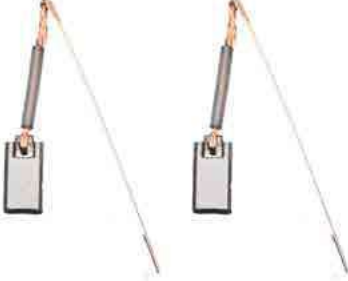
 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BX 209

1 127 014 021


2-B 209

 Gerilim / Voltage
(Volt)

12/24

 Ölçü / Dimension
(mm)

8x5x15,5

0 120 489 302	0 120 489 382	0 120 489 462	0 120 489 542
0 120 489 303	0 120 489 383	0 120 489 463	0 120 489 543
0 120 489 304	0 120 489 384	0 120 489 464	0 120 489 544
0 120 489 305	0 120 489 385	0 120 489 465	0 120 489 545
0 120 489 306	0 120 489 386	0 120 489 466	0 120 489 546
0 120 489 307	0 120 489 387	0 120 489 467	0 120 489 547
0 120 489 308	0 120 489 388	0 120 489 468	0 120 489 548
0 120 489 309	0 120 489 389	0 120 489 469	0 120 489 549
0 120 489 310	0 120 489 390	0 120 489 470	0 120 489 550
0 120 489 311	0 120 489 391	0 120 489 471	0 120 489 551
0 120 489 312	0 120 489 392	0 120 489 472	0 120 489 552
0 120 489 313	0 120 489 393	0 120 489 473	0 120 489 553
0 120 489 314	0 120 489 394	0 120 489 474	0 120 489 554
0 120 489 315	0 120 489 395	0 120 489 475	0 120 489 555
0 120 489 316	0 120 489 396	0 120 489 476	0 120 489 556
0 120 489 317	0 120 489 397	0 120 489 477	0 120 489 557
0 120 489 318	0 120 489 398	0 120 489 478	0 120 489 558
0 120 489 319	0 120 489 399	0 120 489 479	0 120 489 559
0 120 489 320	0 120 489 400	0 120 489 480	0 120 489 560
0 120 489 321	0 120 489 401	0 120 489 481	0 120 489 561
0 120 489 322	0 120 489 402	0 120 489 482	0 120 489 562
0 120 489 323	0 120 489 403	0 120 489 483	0 120 489 563
0 120 489 324	0 120 489 404	0 120 489 484	0 120 489 564
0 120 489 325	0 120 489 405	0 120 489 485	0 120 489 565
0 120 489 326	0 120 489 406	0 120 489 486	0 120 489 566
0 120 489 327	0 120 489 407	0 120 489 487	0 120 489 567
0 120 489 328	0 120 489 408	0 120 489 488	0 120 489 568
0 120 489 329	0 120 489 409	0 120 489 489	0 120 489 569
0 120 489 330	0 120 489 410	0 120 489 490	0 120 489 570
0 120 489 331	0 120 489 411	0 120 489 491	0 120 489 571
0 120 489 332	0 120 489 412	0 120 489 492	0 120 489 572
0 120 489 333	0 120 489 413	0 120 489 493	0 120 489 573
0 120 489 334	0 120 489 414	0 120 489 494	0 120 489 574
0 120 489 335	0 120 489 415	0 120 489 495	0 120 489 575
0 120 489 336	0 120 489 416	0 120 489 496	0 120 489 576
0 120 489 337	0 120 489 417	0 120 489 497	0 120 489 577
0 120 489 338	0 120 489 418	0 120 489 498	0 120 489 578
0 120 489 339	0 120 489 419	0 120 489 499	0 120 489 579
0 120 489 340	0 120 489 420	0 120 489 500	0 120 489 580
0 120 489 341	0 120 489 421	0 120 489 501	0 120 489 581
0 120 489 342	0 120 489 422	0 120 489 502	0 120 489 582
0 120 489 343	0 120 489 423	0 120 489 503	0 120 489 583
0 120 489 344	0 120 489 424	0 120 489 504	0 120 489 584
0 120 489 345	0 120 489 425	0 120 489 505	0 120 489 585
0 120 489 346	0 120 489 426	0 120 489 506	0 120 489 586
0 120 489 347	0 120 489 427	0 120 489 507	0 120 489 587
0 120 489 348	0 120 489 428	0 120 489 508	0 120 489 588
0 120 489 349	0 120 489 429	0 120 489 509	0 120 489 589
0 120 489 350	0 120 489 430	0 120 489 510	0 120 489 590
0 120 489 351	0 120 489 431	0 120 489 511	0 120 489 591
0 120 489 352	0 120 489 432	0 120 489 512	0 120 489 592
0 120 489 353	0 120 489 433	0 120 489 513	0 120 489 593
0 120 489 354	0 120 489 434	0 120 489 514	0 120 489 594
0 120 489 355	0 120 489 435	0 120 489 515	0 120 489 595
0 120 489 356	0 120 489 436	0 120 489 516	0 120 489 596
0 120 489 357	0 120 489 437	0 120 489 517	0 120 489 597
0 120 489 358	0 120 489 438	0 120 489 518	0 120 489 598
0 120 489 359	0 120 489 439	0 120 489 519	0 120 489 599
0 120 489 360	0 120 489 440	0 120 489 520	0 120 489 600
0 120 489 361	0 120 489 441	0 120 489 521	0 120 489 601
0 120 489 362	0 120 489 442	0 120 489 522	0 120 489 602
0 120 489 363	0 120 489 443	0 120 489 523	0 120 489 603
0 120 489 364	0 120 489 444	0 120 489 524	0 120 489 604
0 120 489 365	0 120 489 445	0 120 489 525	0 120 489 605
0 120 489 366	0 120 489 446	0 120 489 526	0 120 489 606
0 120 489 367	0 120 489 447	0 120 489 527	0 120 489 607
0 120 489 368	0 120 489 448	0 120 489 528	0 120 489 608
0 120 489 369	0 120 489 449	0 120 489 529	0 120 489 609
0 120 489 370	0 120 489 450	0 120 489 530	0 120 489 610
0 120 489 371	0 120 489 451	0 120 489 531	0 120 489 611
0 120 489 372	0 120 489 452	0 120 489 532	0 120 489 612
0 120 489 373	0 120 489 453	0 120 489 533	0 120 489 613
0 120 489 374	0 120 489 454	0 120 489 534	0 120 489 614
0 120 489 375	0 120 489 455	0 120 489 535	0 120 489 615
0 120 489 376	0 120 489 456	0 120 489 536	0 120 489 616
0 120 489 377	0 120 489 457	0 120 489 537	0 120 489 617
0 120 489 378	0 120 489 458	0 120 489 538	0 120 489 618
0 120 489 379	0 120 489 459	0 120 489 539	0 120 489 619
0 120 489 380	0 120 489 460	0 120 489 540	0 120 489 620
0 120 489 381	0 120 489 461	0 120 489 541	0 120 489 621

MERCEDES

KAMYON / TRUCK

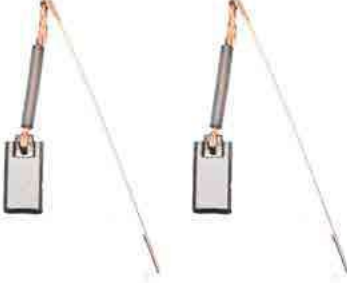
FIAT TRAKTÖR / TRACTOR

SAAB
J. DEER
MAN

Takım Sipariş Kodu / Set Order Code

BX 209

1 127 014 021



Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

2-B 209

Gerilim / Voltage
(Volt)

12/24

Ölçü / Dimension
(mm)

8x5x15,5

0 120 489 622	0 120 489 702	0 120 489 782	0 120 489 862
0 120 489 623	0 120 489 703	0 120 489 783	0 120 489 863
0 120 489 624	0 120 489 704	0 120 489 784	0 120 489 864
0 120 489 625	0 120 489 705	0 120 489 785	0 120 489 865
0 120 489 626	0 120 489 706	0 120 489 786	0 120 489 866
0 120 489 627	0 120 489 707	0 120 489 787	0 120 489 867
0 120 489 628	0 120 489 708	0 120 489 788	0 120 489 868
0 120 489 629	0 120 489 709	0 120 489 789	0 120 489 869
0 120 489 630	0 120 489 710	0 120 489 790	0 120 489 870
0 120 489 631	0 120 489 711	0 120 489 791	0 120 489 871
0 120 489 632	0 120 489 712	0 120 489 792	0 120 489 872
0 120 489 633	0 120 489 713	0 120 489 793	0 120 489 873
0 120 489 634	0 120 489 714	0 120 489 794	0 120 489 874
0 120 489 635	0 120 489 715	0 120 489 795	0 120 489 875
0 120 489 636	0 120 489 716	0 120 489 796	0 120 489 876
0 120 489 637	0 120 489 717	0 120 489 797	0 120 489 877
0 120 489 638	0 120 489 718	0 120 489 798	0 120 489 878
0 120 489 639	0 120 489 719	0 120 489 799	0 120 489 879
0 120 489 640	0 120 489 720	0 120 489 800	0 120 489 880
0 120 489 641	0 120 489 721	0 120 489 801	0 120 489 881
0 120 489 642	0 120 489 722	0 120 489 802	0 120 489 882
0 120 489 643	0 120 489 723	0 120 489 803	0 120 489 883
0 120 489 644	0 120 489 724	0 120 489 804	0 120 489 884
0 120 489 645	0 120 489 725	0 120 489 805	0 120 489 885
0 120 489 646	0 120 489 726	0 120 489 806	0 120 489 886
0 120 489 647	0 120 489 727	0 120 489 807	0 120 489 887
0 120 489 648	0 120 489 728	0 120 489 808	0 120 489 888
0 120 489 649	0 120 489 729	0 120 489 809	9 120 143 035
0 120 489 650	0 120 489 730	0 120 489 810	9 120 143 036
0 120 489 651	0 120 489 731	0 120 489 811	9 120 143 205
0 120 489 652	0 120 489 732	0 120 489 812	9 120 143 206
0 120 489 653	0 120 489 733	0 120 489 813	9 120 143 207
0 120 489 654	0 120 489 734	0 120 489 814	9 120 143 208
0 120 489 655	0 120 489 735	0 120 489 815	9 120 143 209
0 120 489 656	0 120 489 736	0 120 489 816	9 120 143 210
0 120 489 657	0 120 489 737	0 120 489 817	9 120 143 212
0 120 489 658	0 120 489 738	0 120 489 818	9 120 143 214
0 120 489 659	0 120 489 739	0 120 489 819	9 120 143 215
0 120 489 660	0 120 489 740	0 120 489 820	9 120 143 224
0 120 489 661	0 120 489 741	0 120 489 821	9 120 143 227
0 120 489 662	0 120 489 742	0 120 489 822	9 120 143 228
0 120 489 663	0 120 489 743	0 120 489 823	9 120 143 229
0 120 489 664	0 120 489 744	0 120 489 824	9 120 334 140
0 120 489 665	0 120 489 745	0 120 489 825	9 120 690 006
0 120 489 666	0 120 489 746	0 120 489 826	9 120 690 007
0 120 489 667	0 120 489 747	0 120 489 827	9 120 690 012
0 120 489 668	0 120 489 748	0 120 489 828	9 120 690 013
0 120 489 669	0 120 489 749	0 120 489 829	9 120 690 014
0 120 489 670	0 120 489 750	0 120 489 830	9 120 690 015
0 120 489 671	0 120 489 751	0 120 489 831	9 120 690 020
0 120 489 672	0 120 489 752	0 120 489 832	9 120 690 021
0 120 489 673	0 120 489 753	0 120 489 833	9 120 690 025
0 120 489 674	0 120 489 754	0 120 489 834	9 120 690 081
0 120 489 675	0 120 489 755	0 120 489 835	9 120 690 082
0 120 489 676	0 120 489 756	0 120 489 836	9 120 144 016
0 120 489 677	0 120 489 757	0 120 489 837	9 120 144 017
0 120 489 678	0 120 489 758	0 120 489 838	9 120 144 018
0 120 489 679	0 120 489 759	0 120 489 839	9 120 144 019
0 120 489 680	0 120 489 760	0 120 489 840	9 120 144 020
0 120 489 681	0 120 489 761	0 120 489 841	9 120 144 021
0 120 489 682	0 120 489 762	0 120 489 842	9 120 144 022
0 120 489 683	0 120 489 763	0 120 489 843	9 120 144 023
0 120 489 684	0 120 489 764	0 120 489 844	9 120 144 024
0 120 489 685	0 120 489 765	0 120 489 845	9 120 144 025
0 120 489 686	0 120 489 766	0 120 489 846	9 120 144 026
0 120 489 687	0 120 489 767	0 120 489 847	9 120 144 027
0 120 489 688	0 120 489 768	0 120 489 848	9 120 144 028
0 120 489 689	0 120 489 769	0 120 489 849	9 120 144 029
0 120 489 690	0 120 489 770	0 120 489 850	9 120 144 030
0 120 489 691	0 120 489 771	0 120 489 851	9 120 144 031
0 120 489 692	0 120 489 772	0 120 489 852	9 120 144 032
0 120 489 693	0 120 489 773	0 120 489 853	9 120 144 033
0 120 489 694	0 120 489 774	0 120 489 854	9 120 144 034
0 120 489 695	0 120 489 775	0 120 489 855	9 120 144 035
0 120 489 696	0 120 489 776	0 120 489 856	9 120 144 036
0 120 489 697	0 120 489 777	0 120 489 857	9 120 144 037
0 120 489 698	0 120 489 778	0 120 489 858	9 120 144 038
0 120 489 699	0 120 489 779	0 120 489 859	9 120 144 039
0 120 489 700	0 120 489 780	0 120 489 860	9 120 144 040
0 120 489 701	0 120 489 781	0 120 489 861	9 120 144 041

MERCEDES

KAMYON / TRUCK

FIAT TRAKTÖR / TRACTOR

SAAB

J.DEER

MAN

Takım Sipariş Kodu / Set Order Code

BX 209

1 127 014 021

**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
2-B 209

 Gerilim / Voltage
(Volt)

12/24

 Ölçü / Dimension
(mm)

8x5x15,5

9 120 144 042	9 120 144 122	9 120 144 202
9 120 144 043	9 120 144 123	9 120 144 203
9 120 144 044	9 120 144 124	9 120 144 204
9 120 144 045	9 120 144 125	9 120 144 205
9 120 144 046	9 120 144 126	9 120 144 206
9 120 144 047	9 120 144 127	9 120 144 207
9 120 144 048	9 120 144 128	9 120 144 208
9 120 144 049	9 120 144 129	9 120 144 209
9 120 144 050	9 120 144 130	9 120 144 210
9 120 144 051	9 120 144 131	9 120 144 211
9 120 144 052	9 120 144 132	9 120 144 212
9 120 144 053	9 120 144 133	9 120 144 213
9 120 144 054	9 120 144 134	9 120 144 214
9 120 144 055	9 120 144 135	9 120 144 215
9 120 144 056	9 120 144 136	9 120 144 216
9 120 144 057	9 120 144 137	9 120 144 217
9 120 144 058	9 120 144 138	9 120 144 218
9 120 144 059	9 120 144 139	9 120 144 219
9 120 144 060	9 120 144 140	9 120 144 220
9 120 144 061	9 120 144 141	9 120 144 221
9 120 144 062	9 120 144 142	9 120 144 222
9 120 144 063	9 120 144 143	9 120 144 223
9 120 144 064	9 120 144 144	9 120 144 224
9 120 144 065	9 120 144 145	9 120 144 225
9 120 144 066	9 120 144 146	9 120 144 226
9 120 144 067	9 120 144 147	9 120 144 227
9 120 144 068	9 120 144 148	9 120 144 228
9 120 144 069	9 120 144 149	9 120 144 229
9 120 144 070	9 120 144 150	9 120 144 230
9 120 144 071	9 120 144 151	9 120 144 231
9 120 144 072	9 120 144 152	9 120 144 232
9 120 144 073	9 120 144 153	9 120 144 233
9 120 144 074	9 120 144 154	9 120 144 234
9 120 144 075	9 120 144 155	9 120 144 235
9 120 144 076	9 120 144 156	9 120 144 236
9 120 144 077	9 120 144 157	9 120 144 237
9 120 144 078	9 120 144 158	9 120 144 238
9 120 144 079	9 120 144 159	
9 120 144 080	9 120 144 160	
9 120 144 081	9 120 144 161	
9 120 144 082	9 120 144 162	
9 120 144 083	9 120 144 163	
9 120 144 084	9 120 144 164	
9 120 144 085	9 120 144 165	
9 120 144 086	9 120 144 166	
9 120 144 087	9 120 144 167	
9 120 144 088	9 120 144 168	
9 120 144 089	9 120 144 169	
9 120 144 090	9 120 144 170	
9 120 144 091	9 120 144 171	
9 120 144 092	9 120 144 172	
9 120 144 093	9 120 144 173	
9 120 144 094	9 120 144 174	
9 120 144 095	9 120 144 175	
9 120 144 096	9 120 144 176	
9 120 144 097	9 120 144 177	
9 120 144 098	9 120 144 178	
9 120 144 099	9 120 144 179	
9 120 144 100	9 120 144 180	
9 120 144 101	9 120 144 181	
9 120 144 102	9 120 144 182	
9 120 144 103	9 120 144 183	
9 120 144 104	9 120 144 184	
9 120 144 105	9 120 144 185	
9 120 144 106	9 120 144 186	
9 120 144 107	9 120 144 187	
9 120 144 108	9 120 144 188	
9 120 144 109	9 120 144 189	
9 120 144 110	9 120 144 190	
9 120 144 111	9 120 144 191	
9 120 144 112	9 120 144 192	
9 120 144 113	9 120 144 193	
9 120 144 114	9 120 144 194	
9 120 144 115	9 120 144 195	
9 120 144 116	9 120 144 196	
9 120 144 117	9 120 144 197	
9 120 144 118	9 120 144 198	
9 120 144 119	9 120 144 199	
9 120 144 120	9 120 144 200	
9 120 144 121	9 120 144 201	

MERCEDES

KAMYON / TRUCK

FIAT TRAKTÖR / TRACTOR

SAAB
J.DEER
MAN

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BX 213

1 127 014 028



2-B 213

Gerilim / Voltage
(Volt)

12/24

Ölçü / Dimension
(mm)

6x4x17,5

0 120 335 006	0 120 465 017	0 120 485 017	0 120 485 037
0 120 335 007	0 120 465 018	0 120 485 018	0 120 485 038
0 120 335 008	0 120 465 020	0 120 485 019	0 120 485 039
0 120 335 010	0 120 465 021	0 120 485 020	0 120 485 040
0 120 335 011	0 120 465 023	0 120 485 021	0 120 485 041
0 120 335 012	0 120 465 026	0 120 485 022	0 120 485 042
0 120 465 003	0 120 465 027	0 120 485 023	0 120 485 043
0 120 465 004	0 120 465 028	0 120 485 024	0 120 485 044
0 120 465 006	0 120 465 029	0 120 485 025	0 120 485 045
0 120 465 007	0 120 465 031	0 120 485 026	0 120 485 046
0 120 465 008	0 120 485 005	0 120 485 027	0 120 485 047
0 120 465 009	0 120 485 008	0 120 485 028	0 120 485 048
0 120 465 010	0 120 485 009	0 120 485 029	0 120 485 049
0 120 465 011	0 120 485 010	0 120 485 030	0 120 485 050
0 120 465 012	0 120 485 011	0 120 485 031	0 123 100 001
0 120 465 013	0 120 485 012	0 120 485 032	0 123 545 004
0 120 465 014	0 120 485 013	0 120 485 033	0 124 515 503
0 120 465 015	0 120 485 014	0 120 485 034	
0 120 465 016	0 120 485 015	0 120 485 035	
	0 120 485 016	0 120 485 036	

VOLKSWAGEN

PASSAT, POLO
GOLF, SHARAN
VENTO CADDY
TRANSPORTER

SEAT

TOLEDO
IBIZA, CORDOBA
CORSA

OPEL

VOLVO

BMW

MERCEDES

PEUGEOT

BX 214

1 127 014 024



2-B 214

Gerilim / Voltage
(Volt)

12/24

Ölçü / Dimension
(mm)

8x5x17,5

0 120 489 293
0 120 489 309
0 120 489 475
0 120 489 481

MERCEDES

FORD

IVECO

MAN

KAMYON / TRUCK
OTOBÜS/ BUS

SAAB

FIAT TRAKTÖR / TRACTOR

PEUGEOT KAMYON / TRUCK

VOLKSWAGEN

KAMYON / TRUCK

LEYLAND KAMYON /TRUCK

BX 215

1 127 014 016

1 127 014 026

1 127 014 027



2-B 215

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

8x5x24,2

0 120 469 710	0 120 689 519	0 120 689 539	0 120 689 564
0 120 689 502	0 120 689 520	0 120 689 540	0 120 689 567
0 120 689 503	0 120 689 521	0 120 689 541	0 120 689 569
0 120 689 504	0 120 689 522	0 120 689 543	0 120 689 571
0 120 689 505	0 120 689 523	0 120 689 545	0 120 689 572
0 120 689 507	0 120 689 525	0 120 689 546	0 120 689 573
0 120 689 506	0 120 689 524	0 120 689 548	0 120 689 574
0 120 689 508	0 120 689 526	0 120 689 549	0 120 689 575
0 120 689 510	0 120 689 527	0 120 689 550	0 120 689 576
0 120 689 511	0 120 689 528	0 120 689 551	0 120 689 577
0 120 689 512	0 120 689 530	0 120 689 552	0 120 689 582
0 120 689 513	0 120 689 531	0 120 689 553	0 120 689 583
0 120 689 514	0 120 689 532	0 120 689 555	0 120 689 584
0 120 689 515	0 120 689 533	0 120 689 557	0 120 689 585
0 120 689 516	0 120 689 534	0 120 689 559	
0 120 689 517	0 120 689 535	0 120 689 561	
0 120 689 518	0 120 689 538	0 120 689 563	

LEYLAND

KAMYON / TRUCK

MERCEDES

KAMYON / TRUCK

MAN

BX 219

1 127 014 031



2-B 219

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8x5x17,5

0 120 489 293
0 120 489 309
0 120 489 475
0 120 489 481

BMW

5, 6, 7

FIAT

TEMPRA, TIPO

LANCIA

DEDRA

Takım Sipariş Kodu / Set Order Code

 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BX 220/BX 220 L

2-B 220

 Gerilim / Voltage
(Volt)

12/24

 Ölçü / Dimension
(mm)

6x4x17,5

0 120 489 293	0 124 555 027	0 120 515 031	0 120 515 111
0 120 489 309	0 124 555 035	0 120 515 032	0 120 515 112
0 120 489 475	0 124 625 005	0 120 515 033	0 120 515 113
0 120 489 481	0 124 625 007	0 120 515 034	0 120 515 114
0 124 215 001	0 124 625 018	0 120 515 035	0 120 515 115
0 124 215 002	0 124 655 001	0 120 515 036	0 120 515 116
0 124 215 003	0 124 655 002	0 120 515 037	0 120 515 117
0 124 215 004	0 124 655 004	0 120 515 038	0 120 515 118
0 124 215 005	0 124 655 005	0 120 515 039	0 120 515 119
0 124 215 006	0 124 655 006	0 120 515 040	0 120 515 120
0 124 215 008	0 124 655 007	0 120 515 041	0 120 515 121
0 124 315 001	0 124 655 008	0 120 515 042	0 120 525 001
0 124 315 002	0 124 655 012	0 120 515 043	0 120 525 002
0 124 315 003	0 124 655 013	0 120 515 044	0 120 525 003
0 124 315 004	0 124 655 016	0 120 515 045	0 120 525 004
0 124 315 005	F 000 L D0 700	0 120 515 046	0 120 525 005
0 124 315 006	0 120 615 002	0 120 515 047	0 120 525 006
0 124 315 007	0 120 615 003	0 120 515 048	0 120 525 007
0 124 315 008	0 120 615 004	0 120 515 049	0 120 525 008
0 124 315 010	0 120 615 005	0 120 515 050	0 120 525 009
0 124 315 011	0 120 615 006	0 120 515 051	0 120 525 010
0 124 315 012	0 120 615 007	0 120 515 052	0 120 525 011
0 124 315 013	0 120 615 008	0 120 515 053	0 120 525 012
0 124 315 014	0 120 615 009	0 120 515 054	0 120 525 013
0 124 315 015	0 120 615 010	0 120 515 055	0 120 525 014
0 124 315 016	0 120 615 011	0 120 515 056	0 120 525 015
0 124 315 018	0 120 615 012	0 120 515 057	0 120 525 016
0 124 315 019	0 120 615 013	0 120 515 058	0 120 525 017
0 124 315 020	0 120 615 014	0 120 515 059	0 120 525 018
0 124 315 021	0 120 615 015	0 120 515 060	0 120 525 019
0 124 315 022	0 120 615 016	0 120 515 061	0 120 525 020
0 124 315 024	0 120 615 017	0 120 515 062	0 120 525 021
0 124 315 025	0 120 615 018	0 120 515 063	0 120 525 022
0 124 315 026	0 120 615 019	0 120 515 064	0 120 525 023
0 124 315 027	0 120 615 020	0 120 515 065	0 120 525 024
0 124 315 030	0 120 615 021	0 120 515 066	0 120 525 025
0 124 415 001	0 120 615 022	0 120 515 067	0 120 525 026
0 124 415 002	0 120 615 023	0 120 515 068	0 120 525 027
0 124 415 005	0 120 615 024	0 120 515 069	0 120 525 028
0 124 415 006	0 120 615 025	0 120 515 070	0 120 525 029
0 124 415 007	0 120 615 026	0 120 515 071	0 120 525 030
0 124 415 008	0 120 615 027	0 120 515 072	0 120 525 031
0 124 415 009	0 120 615 028	0 120 515 073	0 120 525 032
0 124 415 010	0 120 615 029	0 120 515 074	0 120 525 033
0 124 415 011	0 120 615 030	0 120 515 075	0 120 525 034
0 124 415 012	0 120 615 031	0 120 515 076	0 120 525 035
0 124 415 013	0 120 615 032	0 120 515 077	0 120 525 036
0 124 415 014	0 120 615 033	0 120 515 078	0 120 525 037
0 124 415 015	0 120 615 034	0 120 515 079	0 120 525 038
0 124 415 016	0 120 615 035	0 120 515 080	0 120 525 039
0 124 415 023	0 120 515 001	0 120 515 081	0 120 525 040
0 124 415 025	0 120 515 002	0 120 515 082	0 120 525 041
0 124 415 026	0 120 515 003	0 120 515 083	0 120 525 042
0 124 415 028	0 120 515 004	0 120 515 084	0 120 525 043
0 124 415 030	0 120 515 005	0 120 515 085	0 120 525 044
0 124 415 032	0 120 515 006	0 120 515 086	0 120 525 045
0 124 415 033	0 120 515 007	0 120 515 087	0 120 525 046
0 124 425 004	0 120 515 008	0 120 515 088	0 120 525 047
0 124 425 006	0 120 515 009	0 120 515 089	0 120 525 048
0 124 425 009	0 120 515 010	0 120 515 090	0 120 525 049
0 124 425 010	0 120 515 011	0 120 515 091	0 120 525 050
0 124 425 019	0 120 515 012	0 120 515 092	0 120 525 051
0 124 425 021	0 120 515 013	0 120 515 093	0 120 525 052
0 124 425 022	0 120 515 014	0 120 515 094	0 120 525 053
0 124 555 001	0 120 515 015	0 120 515 095	0 120 525 054
0 124 555 002	0 120 515 016	0 120 515 096	0 120 525 055
0 124 555 003	0 120 515 017	0 120 515 097	0 120 525 056
0 124 555 004	0 120 515 018	0 120 515 098	0 120 525 057
0 124 555 005	0 120 515 019	0 120 515 099	0 120 525 058
0 124 555 006	0 120 515 020	0 120 515 100	0 120 225 001
0 124 555 007	0 120 515 021	0 120 515 101	0 120 225 002
0 124 555 008	0 120 515 022	0 120 515 102	0 120 225 003
0 124 555 012	0 120 515 023	0 120 515 103	0 120 225 004
0 124 555 013	0 120 515 024	0 120 515 104	0 120 225 005
0 124 555 015	0 120 515 025	0 120 515 105	0 120 225 006
0 124 555 014	0 120 515 026	0 120 515 106	0 120 225 007
0 124 555 016	0 120 515 027	0 120 515 107	0 120 225 008
0 124 555 020	0 120 515 028	0 120 515 108	0 120 225 009
0 124 555 024	0 120 515 029	0 120 515 109	0 120 225 010
	0 120 515 030	0 120 515 110	0 120 225 011

FIAT

PALIO

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BX 220 / BX 220 L**2-B 220**Gerilim / Voltage
(Volt)**12/24**Ölçü / Dimension
(mm)**6x4x17,5**

0 120 225 012	0 120 325 045
0 120 225 013	0 120 325 046
0 120 225 014	0 120 325 047
0 120 225 015	0 120 325 048
0 120 225 016	0 120 325 049
0 120 225 017	0 120 325 050
0 120 225 018	0 120 325 051
0 120 225 019	0 120 325 052
0 120 225 020	0 120 325 053
0 120 225 021	0 120 325 054
0 120 225 022	0 120 325 055
0 120 225 023	0 120 325 056
0 120 225 024	0 120 325 057
0 120 225 025	0 120 325 058
0 120 225 026	0 120 325 059
0 120 225 027	0 120 325 060
0 120 225 028	0 120 325 061
0 120 225 029	0 120 325 062
0 120 225 030	0 120 325 063
0 120 225 031	0 120 325 064
0 120 225 032	0 120 325 065
0 120 225 033	0 120 325 066
0 120 225 034	0 120 325 067
0 120 225 035	0 120 325 068
0 120 225 036	0 120 325 069
0 120 225 037	0 120 325 070
0 120 225 038	0 120 325 071
0 120 225 039	0 120 325 072
0 120 225 040	0 120 325 073
0 120 225 041	0 120 325 074
0 120 225 042	0 120 325 075
0 120 225 043	0 120 325 076
0 120 225 044	0 120 325 077
0 120 225 045	0 120 325 078
0 120 225 046	0 120 325 079
0 120 225 047	0 120 325 080
0 120 325 001	0 120 325 081
0 120 325 002	0 120 325 082
0 120 325 003	0 120 325 083
0 120 325 004	0 120 325 084
0 120 325 005	0 120 325 085
0 120 325 006	0 120 325 086
0 120 325 007	0 120 325 087
0 120 325 008	0 120 325 088
0 120 325 009	0 120 325 089
0 120 325 010	0 120 325 090
0 120 325 011	0 120 325 091
0 120 325 012	0 120 325 092
0 120 325 013	0 120 325 093
0 120 325 014	0 120 325 094
0 120 325 015	0 120 325 095
0 120 325 016	0 120 325 096
0 120 325 017	0 120 325 097
0 120 325 018	0 120 325 098
0 120 325 019	0 120 325 099
0 120 325 020	0 120 325 100
0 120 325 021	0 120 325 101
0 120 325 022	0 120 325 102
0 120 325 023	0 120 325 103
0 120 325 024	0 120 325 104
0 120 325 025	0 120 325 105
0 120 325 026	0 120 325 106
0 120 325 027	0 120 325 107
0 120 325 028	0 120 325 108
0 120 325 029	0 120 325 109
0 120 325 030	0 120 325 110
0 120 325 031	0 120 325 111
0 120 325 032	0 120 325 112
0 120 325 033	0 120 325 113
0 120 325 034	0 120 325 114
0 120 325 035	0 120 325 115
0 120 325 036	0 120 325 116
0 120 325 037	0 120 325 117
0 120 325 038	0 120 325 118
0 120 325 039	0 120 325 119
0 120 325 040	0 120 325 120
0 120 325 041	0 120 325 121
0 120 325 042	0 120 325 122
0 120 325 043	0 120 325 123
0 120 325 044	0 120 325 124
	0 120 325 125

FIAT

PALIO

Takım Sipariş Kodu / Set Order Code

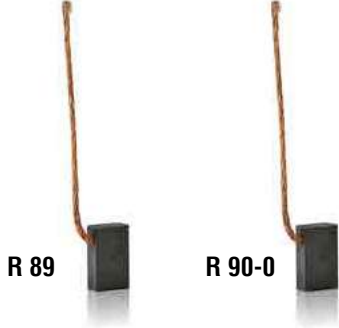
 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

RX 89-90-0

1 958197


**1-R 89/0
1-R 90/0**

1100600-68

CHEVROLET

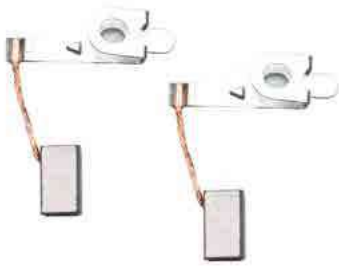
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8x5x13,2
RX 103

1 971 521


2-R 103

 27SI
10 SI

**OPEL
PONTIAC
CHEVROLET**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8x5x13,2
RX 103F

DR 702


2-R 103 F

 34 72 002 34 72 042
 34 72 004 34 72 048
 34 72 008 34 72 049
 34 72 014 34 72 050
 34 72 018 34 72 051
 34 72 022 34 72 052
 34 72 023 34 72 053
 34 72 024 34 72 057
 34 72 026 34 72 058
 34 72 027 34 72 059
 34 72 028 34 72 060
 34 72 032 34 72 061
 34 72 033 34 72 062
 34 72 035 34 72 065
 34 72 037 34 72 066
 34 72 038 34 72 067
 34 72 068

OPEL

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8x5x13,2
RX 106

187 6873


2-R106

27 SI 200

CHEVROLET

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

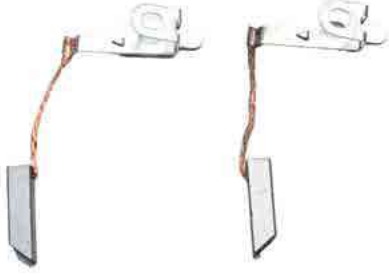
8x5x24

Takım Sipariş Kodu / Set Order Code

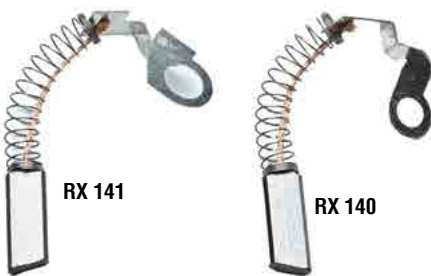
Özellikler
Properties

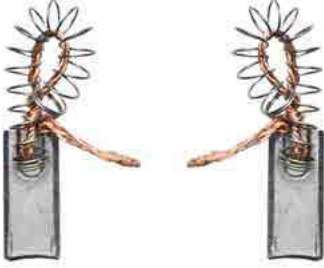
Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

RX 1171995564
10467935
1894564**2-R117**10 SI 116
15 SI 116
10 SI 136CATERPILLAR
FORD CUMMINS
MACK
VOLVOGerilim / Voltage
(Volt)**12/24**Ölçü / Dimension
(mm)**6x5x22****RX 119****2-R119**

17 SI

BUICK
CHEVROLET
GMC
OLDSMOBILE
PONTIAC
CADILLACGerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8x5x21****RX 132-133**1989661
1989660**1-R132
1-R133**CS 130
1101551
3472171
CS 121
1101196
1101199OPEL CORSA
KADETT
VECTRA
RECORD
OMEGA
RENAULTGerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8x5x22,5****RX 140-141****DR 1411**CS 130D
10479215
10479984
10480052
10479214
10479981
10480071
10480187
10480190OPEL
CHEVROLET
SAAB
VAUXHALL**1-R140
1-R141**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8x4,5x22**

Takım Sipariş Kodu / Set Order Code
A 125
7 970 745/1

**Özellikler
Properties**
2-A 125
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7,2x4,2x17,5
Motor Numarası / Unit No.

633 200 01	633 200 57	603 210 35	603 211 16
633 200 02	633 200 58	603 210 36	603 211 17
633 200 03	633 200 60	603 210 39	603 211 23
633 200 04	633 200 63	603 210 40	603 211 26
633 200 05	633 200 73	603 210 41	603 211 29
633 200 06	633 200 82	603 210 42	603 211 36
633 200 07	633 200 91	603 210 44	603 211 37
633 200 08	633 200 94	603 210 45	603 211 38
633 200 10	633 200 96	603 210 46	603 211 41
633 200 12	633 200 97	603 210 47	603 211 46
633 200 13	603 201 00	603 210 48	603 211 49
633 200 15	603 201 02	603 210 49	603 211 50
633 200 16	603 201 05	603 210 50	603 211 51
633 200 17	603 201 10	603 210 52	603 211 52
633 200 18	603 201 11	603 210 55	603 211 53
633 200 20	603 201 12	603 210 56	603 211 54
633 200 21	603 201 13	603 210 58	603 211 55
633 200 22	603 201 14	603 210 59	603 211 56
633 200 23	603 201 18	603 210 60	603 211 57
633 200 24	603 201 19	603 210 61	603 211 58
633 200 25	603 201 21	603 210 62	603 211 59
633 200 26	603 201 22	603 210 63	603 211 61
633 200 27	603 201 26	603 210 67	603 211 62
633 200 28	603 201 27	603 210 68	603 211 63
633 200 29	603 201 28	603 210 70	603 211 65
633 200 30	603 201 29	603 210 71	603 211 67
633 200 31	603 201 30	603 210 72	603 211 68
633 200 32	603 201 31	603 210 73	603 211 69
633 200 34	603 201 32	603 210 77	603 211 70
633 200 35	603 210 00	603 210 78	603 211 71
633 200 37	603 210 11	603 210 79	603 211 72
633 200 40	603 210 13	603 210 80	603 211 74
633 200 42	603 210 15	603 210 82	603 211 73
633 200 44	603 210 16	603 210 83	603 211 75
633 200 45	603 210 17	603 210 84	603 211 76
633 200 46	603 210 19	603 210 86	603 211 80
633 200 47	603 210 20	603 210 87	603 211 81
633 200 48	603 210 21	603 210 88	603 211 83
633 200 49	603 210 22	603 210 90	603 211 88
633 200 50	603 210 23	603 210 91	603 211 89
633 200 51	603 210 24	603 210 95	603 211 90
633 200 52	603 210 25	603 210 96	603 211 91
633 200 53	603 210 27	603 210 97	603 211 96
633 200 54	603 210 28	603 210 98	603 211 97
633 200 55	603 210 29	603 210 99	603 211 98
633 200 56	603 210 31	603 211 00	603 211 99
	603 210 33	603 211 14	

Araç Modeli/Vehicle Model
FIAT
TÜRK TRAKTÖR
FORD
ANADOL
OTOKAR MAGIRUS
OTOYOL IVECO
RENAULT
BMC
LEYLAND
M. FERGUSON
JX 16
4 042 681

2-J 16
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x19x26
D115/12
4158027
4153104
407539
FIAT 1800, 2100
TRAKTÖR / TRACTOR
JX 30-31
4 190 088
4 190 090

J 30
J 31
1-J 30
1-J 31
**Gerilim / Voltage
(Volt)**
12/24
**Ölçü / Dimension
(mm)**
8x5x16/14,5

633 030 00	633 032 22	633 034 29	633 040 87
633 030 01	633 032 23	633 035 00	633 040 90
633 030 30	633 032 40	633 035 20	633 040 82
633 030 41	633 032 80	633 035 30	633 041 00
633 030 61	633 032 82	633 035 50	633 041 20
633 031 20	633 032 90	633 035 70	633 042 01
633 031 30	633 033 20	633 040 03	633 048 30
633 031 40	633 033 31	633 040 20	633 042 21
633 031 50	633 033 50	633 040 23	633 048 00
633 031 91	633 033 60	633 040 40	633 042 31
633 032 00	633 033 80	633 040 50	633 048 40
633 032 13	633 033 91	633 040 75	633 048 70
633 032 20	633 034 00	633 040 79	633 048 80
	633 034 09	633 040 81	633 048 90
	633 034 20	633 040 83	

CHRYSLER
FIAT
FORD
OTOYOL
IVECO
RENAULT
M. FERGUSON
SEAT

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JX 30-31 S

749 904 31



1-J 30-31 S

Gerilim / Voltage
(Volt)

12/24

Ölçü / Dimension
(mm)

8x5x16,5/14,5

A12M-124-12-42	633 033 60
A12M-124-12-42B	633 033 80
A12M-124-12-42M	633 033 91
A12M-124-12-42X	633 034 00
A12M-124-12-47	633 034 09
A12M-124-12-57B	633 034 20
A12M-124-24-26	633 034 29
A12M-124-24-26D	633 035 00
A12M-124-24-26M	633 035 30
A124-14V-44A	633 035 20
A124-14V-60A	633 035 50
A124-28V-26A	633 035 70
633 030 00	633 040 03
633 030 01	633 040 20
633 030 30	633 040 23
633 030 41	633 040 40
633 030 61	633 040 50
633 031 20	633 040 75
633 031 30	633 040 79
633 031 40	633 040 81
633 031 50	633 040 82
633 031 91	633 040 83
633 032 00	633 040 87
633 032 13	633 040 90
633 032 20	633 041 00
633 032 22	633 041 20
633 032 23	633 042 01
633 032 40	633 042 21
633 032 80	633 042 31
633 032 82	633 048 00
633 032 90	633 048 30
633 033 20	633 048 40
633 033 31	633 048 70
633 033 50	633 048 80
	633 048 90

CHRYSLER
FIAT
FORD
OTOYOL
IVECO
RENAULT
M. FERGUSON
SEAT

JX 42

7970502.1
7970745.1



2-J 42

Gerilim / Voltage
(Volt)

12/24

Ölçü / Dimension
(mm)

7,2x4,2x17/16,5

633 200 01	633 201 19	633 210 82
633 200 08	633 201 21	633 210 84
633 200 10	633 201 22	633 210 86
633 200 12	633 201 26	633 210 88
633 200 13	633 201 32	633 210 90
633 200 15	633 210 00	633 210 91
633 200 18	633 210 11	633 210 95
633 200 20	633 210 13	633 210 99
633 200 32	633 210 15	633 211 00
633 200 34	633 210 17	633 211 14
633 200 35	633 210 19	633 211 16
633 200 37	633 210 25	633 211 17
633 200 40	633 210 27	633 211 23
633 200 42	633 210 29	633 211 26
633 200 44	633 210 31	633 211 29
633 200 58	633 210 33	633 211 36
633 200 60	633 210 35	633 211 38
633 200 63	633 210 37	633 211 41
633 200 73	633 210 39	633 211 46
633 200 82	633 210 42	633 211 49
633 200 83	633 210 44	633 211 59
633 200 91	633 210 50	633 211 61
633 200 94	633 210 52	633 211 63
633 200 96	633 210 55	633 211 65
633 200 97	633 210 56	633 211 67
633 201 00	633 210 58	633 211 76
633 201 02	633 210 63	633 211 80
633 201 05	633 210 67	633 211 81
633 201 10	633 210 68	633 211 83
633 201 14	633 210 70	633 211 88
633 201 18	633 210 73	633 211 91
	633 210 77	633 211 96
	633 210 80	633 211 99

FIAT PANDA
LANCIA

Takım Sipariş Kodu / Set Order Code
JX 43
542 029 06

**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
2-J 43
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x4x22/20

540 220	633 243 08
540 221	633 241 45
540 222	633 241 57
540 223	633 241 58
540 224	633 241 61
540 225	633 241 88
540 226	633 241 98
540 227 06	633 241 99
632 212	633 244 00
632 213 13	633 244 02
632 213 97	633 244 04
632 214 05	633 244 06
632 214 06	633 244 09
632 214 12	633 244 11
633 242 00	633 244 18

FORD SIERRA
JX 44
836 225 20

2-J 44
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x4x19/17,5

633 212 00	633 213 21	633 214 19	633 216 41
633 212 04	633 213 28	633 214 23	633 216 55
633 212 05	633 213 30	633 214 26	633 216 60
633 212 33	633 213 33	633 214 31	633 216 61
633 212 35	633 213 40	633 214 53	633 216 63
633 212 40	633 213 43	633 214 61	633 216 71
633 212 52	633 213 47	633 214 62	633 412 40
633 212 61	633 213 49	633 214 65	633 413 54
633 212 70	633 213 51	633 214 66	633 414 66
633 212 75	633 213 55	633 214 73	633 416 41
633 212 78	633 213 61	633 216 00	633 416 71
633 212 80	633 213 62	633 216 13	633 413 21
633 212 83	633 213 67	633 216 15	633 413 33
633 212 87	633 213 90	633 216 18	633 413 43
633 212 92	633 213 91	633 216 20	633 413 47
633 213 00	633 213 96	633 216 25	633 413 51
633 213 10	633 213 98	633 216 26	633 413 52
633 213 11	633 214 01	633 216 29	633 413 53
633 213 15	633 214 02	633 216 32	
633 213 16	633 214 18	633 216 40	

**FIAT
LANCIA**
ALTERNATÖR KÖMÜRLERİ/ALTERNATOR BRUSHES - Replacing FORD
FX 67
**F1DU-10260-AA
F1DZ-10347-A**

2-F 67
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7,5x4x18
**FORD RANGER
MONDEO
MAZDA B2500
LINCOLN MERCURY**
FX 68
**502 680 6
677 569 9
677 570 3**

F 68 B
FO 0681
**1-F 68 A
1-F 68 B**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
8,2x4,5x17,3

1S7T1-10300-BA
1S7T1-10300-BC
1S7T1-10300-CB
1S7T1-10300-CC
1S7T1-10300-CD
1S7T1-10300-DB
1S7T1-10300-DC
1S7T1-10300-DD
2S6T-10300-AA
2S6T-10300-FA
2T1U-10300-AF
2T1U-10300-AG
2T1U-10300-CA
2T1U-10300-CB
3S6T-10300-AA
TC10-10300-EA
YC1U-10300-EA

**FORD CONNECT
FOCUS
FIESTA**

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JAAX 12

L119N-1361



2-JAA 12

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8x6x19

2114-13103	S114-160	S114-163B	S114-194
2114-1360	S114-160A	S114-163E	S114-207
2114-23104	S114-160B	S114-163F	S114-208
2114-43101	S114-160C	S114-164	S114-208A
2114-99001	S114-160D	S114-164A	S114-208B
2114-99008	S114-160E	S114-164AR	S114-208C
GD302902-C	S114-160F	S114-180	S114-208E
GD302902C	S114-160G	S114-180B	S114-208F
GD312593-B	S114-161	S114-180D	S114-210
S108-34	S114-161B	S114-180E	S114-211
S108-63	S114-161E	S114-180F	S114-213
S114-140	S114-161F	S114-180G	S114-213A
S114-141	S114-162	S114-180M	S114-216
S114-148	S114-162A	S114-181	S114-219
S114-149	S114-162B	S114-182	S114-226
S114-151	S114-162C	S114-182B	S114-227
S114-151L	S114-162D	S114-182E	
S114-155	S114-163	S114-182F	
	S114-163A	S114-182G	

DATSUN
SUNNY
DAIHATSU

JAAX 19

L 123-1326
L 125-1326



2-JAA 19

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6x7x16,5

LR140701	LR160707
LR145701	LR160708
LR145701B	LR160709
LR145701C	LR160710
LR145701E	LR170701
LR145701F	LR170701B
LR150704	LR170701E
LR160702B	LR170702
LR160703B	LR170702B
	LT12502
	LT12505

NISSAN
DATSUN
FORKLIFT

SUNNY B10
BLUEBIRD
410. D. BUS
H20- PU

JAAX 20

L120-5326/-
5327



2-JAA 20

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x5x18/16,5

LR135105	LR45701	LR6084	LR70421	LR5520
LR35106	LR45701E	LR6084B	LR70710B	LR5523
LR35107	LR50101B	LR6093	LR70738	LR60104
LR35115	LR50125B	LR65708	LR70738B	LR60121
LR35116	LR50132	LR65708B	LR90707B	LR60124
LR35121	LR50151	LR65708C	LR90711	LR60138
LR35126	LR50151B	LR7002	LR70738C	LR60139
LR35127	LR50401	LR7010	LR70738E	LR60151
LR3531	LR50410CA	LR7021	LR70744	LR60154
LR3532	LR50419B	LR70402B	LR80705B	LR60159
LR3541B	LR50421	LR70402C	LR80708	LR60412
LR3558	LR50423	LR70402E	LR80724	LR60422B
LR3574	LR50428	LR70404B	LR90706	LR60427C
LR3586B	LR50430C	LR70405	LR50431	LR25403
LR3591	LR60427T	LR70407T	LR50432	LR25407
LR40128	LR6042B	LR70411	LR50434B	LR25408
LR40132	LR60440	LR70412T	LR50441	LR25408B
LR40133	LR60441	LR70417C	LR50444B	LR2565B
LR40408	LR60708	LR70419	LR5098B	LR2565E
LR40415B	LR60710	LR70419B	LR5099	LR2565P
	LR6082	LR70420	LR5516B	LR35402
	LR6082B	LR70420B	LR5516P	

DATSUN
NISSAN

JAAX 20-29

L120-5326/-
5327



2-JAA 20-29

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x5x18/16,5

LR135105	LR45701	LR6084	LR70421	LR5520
LR35106	LR45701E	LR6084B	LR70710B	LR5523
LR35107	LR50101B	LR6093	LR70738	LR60104
LR35115	LR50125B	LR65708	LR70738B	LR60121
LR35116	LR50132	LR65708B	LR90707B	LR60124
LR35121	LR50151	LR65708C	LR90711	LR60138
LR35126	LR50151B	LR7002	LR70738C	LR60139
LR35127	LR50401	LR7010	LR70738E	LR60151
LR3531	LR50410CA	LR7021	LR70744	LR60154
LR3532	LR50419B	LR70402B	LR80705B	LR60159
LR3541B	LR50421	LR70402C	LR80708	LR60412
LR3558	LR50423	LR70402E	LR80724	LR60422B
LR3574	LR50428	LR70404B	LR90706	LR60427C
LR3586B	LR50430C	LR70405	LR50431	LR25403
LR3591	LR60427T	LR70407T	LR50432	LR25407
LR40128	LR6042B	LR70411	LR50434B	LR25408
LR40132	LR60440	LR70412T	LR50441	LR25408B
LR40133	LR60441	LR70417C	LR50444B	LR2565B
LR40408	LR60708	LR70419	LR5098B	LR2565E
LR40415B	LR60710	LR70419B	LR5099	LR2565P
	LR6082	LR70420	LR5516B	LR35402
	LR6082B	LR70420B	LR5516P	

DATSUN
NISSAN

Takım Sipariş Kodu / Set Order Code
JAAX 32
**L150-23251
23252**

**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
2-JAA 32
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
5x7x21,5/20,5

LR140119C	LR50201	LR60135B	LR70404	LR50205B
LR50136C	LR50211B	LR60148F	LR70408C	LR50402
LR50199	LR50410C	LR60414	LR70422	LR50430T
LR50206	LR50439B	LR6092C	LR50135E	LR60108B
LR50402C	LR60134B	LR70402	LR50162	LR60144
LR50439	LR60147F	LR70408	LR50204	LR60401
LR60131	LR60412B	LR70417B	LR50218	LR6067E
LR60146B	LR60715	LR70734B	LR50428T	LR65704
LR60401C	LR7022	LR50133E	LR60107B	LR70406B
LR6067H	LR70407E	LR50148C	LR60143B	LR70411B
LR65707B	LR70415C	LR50202	LR60164	LR70701B
LR70407	LR70715B	LR50212B	LR6067B	LR65707
LR70415B	LR40402	LR50428E	LR6096C	LR70406C
LR70715	LR50147C	LR5098	LR70406	LR22586B
LR40125C	LR50201B	LR60137	LR70408T	LR3565S
LR50136E	LR50212	LR60152F	LR70422B	LR3580
	LR50410F	LR60417	LR50136B	
	LR5079H	LR6096B	LR50193	

**ISUZU
MAZDA**
JAAX 37
**L170-2325
L170-4325**

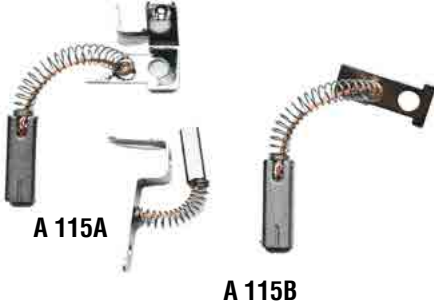
2-JAA 37
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
8x5x26,5/25

L1100G-1325
L1110-1325
L170-2325
L170-4325
L170G-1325
L180-1325

Takım Sipariş Kodu / Set Order Code

A 115

542 034 53
542 040 29



Özellikler
Properties

1-A 115A
1-A 115B

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x4x22/20

Motor Numarası / Unit No.

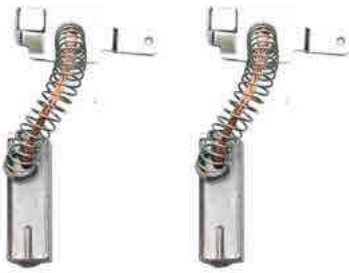
23983-86	24052	24083	24128	24179
23983-96	24053	24085	24131	24180
23983-99	24054	24086	24132	24181
24020	24058	24087	24133	24182
24023	24059	24088	24134	24183
24024	24061	24089	24135	24184
24025	24062	24090	24136	24185
24026	24063	24094	24137	24189
24027	24064	24095	24144	24190
24028	24065	24096	24147	24191
24034	24066	24098	24149	24192
24035	24067	24099	24151	24204
24036	24068	24112	24153	24210
24037	24069	24114	24164	24211
24038	24070	24115	24165	24237
24049	24071	24116	24166	
24051	24072	24117	24170	
	24079	24118	24177	
	24082	24119	24178	

Araç Modeli/Vehicle Model

BMC
LEYLAND, GENOTO
CHRYSLER TRAKTÖR/
TRACTOR
KAMYON/TRUCK
FORD TRANSIT KAMYONET
RENAULT
FIAT
TÜMOSAN
LUCAS
TÜRK TRAKTÖR / TRACTOR
UNIVERSAL
TRACTÖR / TRACTOR
UZEL

A 127

542 029 06



2-A 127

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x4x20

540 220 53	540 222 95	540 224 36	540 226 39	633 242 45
540 220 54	540 223 01	540 224 37	540 226 41	633 242 56
540 220 57	540 223 07	540 224 39	540 226 43	633 242 57
540 220 58	540 223 10	540 224 45	540 226 46	633 242 60
540 221 30	540 223 13	540 224 47	540 226 56	633 242 62
540 221 42	540 223 14	540 224 50	540 226 62	633 242 64
540 221 47	540 223 17	540 224 52	540 226 65	633 242 71
540 221 48	540 223 18	540 224 58	540 226 68	633 242 73
540 221 60	540 223 22	540 224 59	540 226 69	633 242 74
540 221 64	540 223 23	540 224 74	540 226 73	633 242 76
540 221 67	540 223 30	540 224 81	540 226 84	633 242 77
540 221 83	540 223 35	540 224 83	540 226 86	633 242 86
540 221 86	540 223 36	540 224 95	540 226 87	633 242 88
540 221 87	540 223 37	540 225 10	540 226 89	633 242 91
540 221 88	540 223 40	540 225 14	540 226 90	633 242 93
540 221 95	540 223 42	540 225 17	540 226 92	633 242 96
540 221 96	540 223 48	540 225 25	540 226 96	633 242 98
540 221 97	540 223 49	540 225 28	540 226 98	633 242 99
540 221 98	540 223 53	540 225 32	540 227 06	633 242 74
540 222 00	540 223 74	540 225 36	633 241 45	633 243 08
540 222 12	540 223 75	540 225 52	633 241 57	633 243 11
540 222 19	540 223 77	540 225 54	633 241 58	633 243 16
540 222 24	540 223 78	540 225 55	633 241 61	633 243 18
540 222 25	540 223 79	540 225 60	633 241 88	633 243 22
540 222 26	540 223 82	540 225 61	633 241 98	633 243 27
540 222 27	540 223 85	540 225 64	633 241 99	633 243 32
540 222 28	540 223 88	540 225 67	633 241 45	633 243 34
540 222 32	540 223 90	540 225 70	633 241 45	633 243 38
540 222 34	540 223 92	540 225 72	633 241 45	633 243 74
540 222 36	540 223 94	540 225 74	633 242 00	633 243 80
540 222 38	540 223 95	540 225 75	633 242 02	633 243 84
540 222 41	540 223 97	540 225 78	633 242 05	633 243 85
540 222 43	540 223 98	540 225 80	633 242 08	633 243 87
540 222 51	540 224 02	540 225 86	633 242 09	633 243 90
540 222 62	540 224 08	540 225 88	633 242 16	633 243 98
540 222 64	540 224 10	540 225 93	633 242 17	633 243 99
540 222 66	540 224 15	540 225 95	633 242 20	633 244 00
540 222 75	540 224 18	540 225 99	633 242 21	633 244 02
540 222 80	540 224 20	540 226 00	633 242 30	633 244 04
540 222 81	540 224 25	540 226 04	633 242 31	633 244 06
540 222 86	540 224 26	540 226 08	633 242 33	633 244 09
540 222 90	540 224 28	540 226 11	633 242 35	633 244 11
540 222 91	540 224 31	540 226 17	633 242 40	633 244 18
	540 224 32	540 226 21	633 242 42	

BMC LEVEND
MİNİBUS / VAN,
KAMYONET/ TRUCK
NISSANHD
FATİH KAMYON / TRUCK
FORD ESCORT, TRANSIT

LAX 9

227 305



2-LA 9

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6,35x19,05x15,9

C39P
C39PV
C39V
C39ZV
C39XV

AUSTIN
BEDFORD
BMC
FORDSON
TRACTÖR / TRACTOR

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
LAX 23
227 541

2-LA 23
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
5,5x19,05x18,2

C40PV	22755
C40PV1	22757
22700	22763
22703	22765
22705	22767
22713	22771
22715	22772
22716	22775
22718	22779
22719	22780
22732	22785
22733	22786
22735	22787
22742	22788
22744	22789
22747	22790
22749	22791

**M.FERGUSON
COMMER
ANADOL**
LAX 29
542 163 61

2-LA 29
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
5,5x17,4x23

C40-T	22762
22756	22758
22758	22761
22761	22762
22762	22764
22764	22769
22769	22783
22783	22792

**FORDSON 2000-3000-5000
TRAKTÖR / TRACTOR**
LAX 30
**54215076
ULB 109
54214363**

2-LA 30
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7,9x4,6x17,9

10AC	23549
11AC	23551
23504	23553
23507	23558
23517	23577
23519	23578
23521	23588
23530	23601
23532	23710
23541	
23543	

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

LAX 31-32

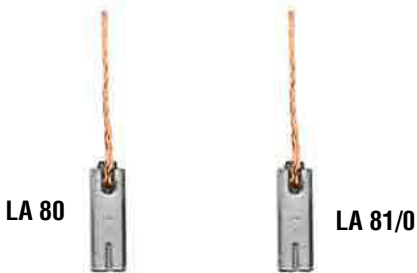
542 193 68



Özellikler / Properties	Motor Numarası / Unit No.	Araç Modeli / Vehicle Model
1-LA 31 1-LA 32	23562 23638 23690 23742 23878 23563 23639 23691 23743 23880 23565 23640 23692 23745 23882 23566 23641 23693 23746 23884 23567 23642 23694 23747 23886 23568 23643 23695 23748 23888 23569 23644 23696 23750 23889 23570 23645 23697 23771 23891 23572 23646 23698 23773 23893 23573 23647 23699 23786 23895 23575 23648 23600 23793 23897 23576 23649 23602 23799 23899 23581 23650 23606 23820 23958 23582 23651 23609 23822 23961 23583 23652 23711 23828 23964 23584 23653 23712 23830 23967 23585 23654 23713 23831 23968 23589 23655 23714 23832 23972 23590 23656 23715 23833 23974 23591 23658 23716 23835 23980 23592 23659 23717 23837 23987 23593 23660 23718 23839 23989 23597 23661 23719 23841 23991 23598 23662 23721 23843 23993 23599 23663 23722 23844 23995 23599 23664 23723 23845 24012 23620 23665 23724 23847 24019 23622 23666 23725 23849 24022 23623 23667 23726 23852 24029 23624 23668 23727 23853 24033 23625 23673 23728 23855 24044 23626 23674 23729 23857 24045 23627 23675 23730 23859 24048 23629 23676 23731 23861 24073 23630 23677 23734 23863 24103 23631 23678 23735 23865 24108 23632 23679 23736 23867 24139 23634 23680 23737 23869 24140 23635 23682 23738 23871 23636 23685 23739 23872 23637 23686 23740 23874 23687 23741 23876	FORD BEDFORD JAGUAR ROVER
Gerilim / Voltage (Volt)		
12		
Ölçü / Dimension (mm)		
4,6x4,6x12,7		

LAX 80-81/0

606 007 80



Özellikler / Properties	Motor Numarası / Unit No.	Araç Modeli / Vehicle Model
1-LA 80/0 1-LA 81/0	23983 24079 24149 23986 24082 24151 23996 24083 24153 23999 24085 24164 24020 24090 24166 24023 24094 24170 24028 24096 24177 24034 24098 24185 24038 24099 24189 24049 24112 24192 24051 24114 24204 24054 24119 24210 24058 24128 24211 24059 24131 24237 24061 24137 A115/133 24072 24144 24147	BMC LEYLAND GENOTO CHRYSLER TRAKTÖR/ TRACTOR KAMYON/TRUCK FORD TRANSIT KAMYONET RENAULT FIAT TÜMOSAN LUCAS TÜRK TRAKTÖR UNIVERSAL TRACTOR / TRACTOR UZEL
Gerilim / Voltage (Volt)		
12		
Ölçü / Dimension (mm)		
7x4x22/20		

Takım Sipariş Kodu / Set Order Code

LAX 82

542 029 06


**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
2-LA 82

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x4x22/20

540 220 53	540 223 30	540 225 28	540 226 54	633 242 57
540 220 54	540 223 35	540 225 32	540 226 56	633 242 60
540 220 57	540 223 37	540 225 36	540 226 62	633 242 62
540 220 58	540 223 48	540 225 52	540 226 63	633 242 64
540 221 30	540 223 40	540 225 54	540 226 65	633 242 71
540 221 42	540 223 42	540 225 55	540 226 68	633 242 73
540 221 47	540 223 49	540 225 60	540 226 69	633 242 74
540 221 48	540 223 53	540 225 61	540 226 73	633 242 76
540 221 60	540 223 74	540 225 64	540 226 75	633 242 77
540 221 64	540 223 75	540 225 67	540 226 77	633 242 86
540 221 67	540 223 77	540 225 70	540 226 79	633 242 88
540 221 83	540 223 79	540 225 72	540 226 81	633 242 89
540 221 86	540 223 82	540 225 74	540 226 83	633 242 90
540 221 88	540 223 85	540 225 75	540 226 84	633 242 91
540 221 95	540 223 88	540 225 78	540 226 86	633 242 93
540 221 98	540 223 92	540 225 80	540 226 87	633 242 94
540 222 00	540 223 94	540 225 82	540 226 89	633 242 95
540 222 12	540 223 95	540 225 84	540 226 90	633 242 96
540 222 19	540 223 97	540 225 86	540 226 92	633 242 98
540 222 24	540 223 98	540 225 88	540 226 94	633 242 99
540 222 28	540 224 02	540 225 90	540 226 96	633 243 08
540 222 32	540 224 08	540 225 91	540 226 98	633 243 11
540 222 34	540 224 10	540 225 93	540 227 06	633 243 16
540 222 36	540 224 15	540 225 95	633 241 45	633 243 22
540 222 38	540 224 18	540 225 97	633 241 57	633 243 27
540 222 41	540 224 20	540 225 99	633 241 58	633 243 32
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540 222 51	540 224 26	540 226 02	633 241 88	633 243 38
540 222 62	540 224 28	540 226 04	633 241 98	633 243 74
540 222 64	540 224 31	540 226 08	633 241 99	633 243 80
540 222 66	540 224 32	540 226 11	633 242 00	633 243 84
540 222 75	540 224 36	540 226 17	633 242 025	633 243 85
540 222 80	540 224 37	540 226 21	633 242 05	633 243 90
540 222 81	540 224 39	540 226 23	633 242 06	633 243 98
540 222 86	540 224 45	540 226 25	633 242 08	633 243 99
540 222 90	540 224 47	540 226 27	633 242 09	633 244 00
540 222 91	540 224 50	540 226 29	633 242 16	633 244 02
540 222 95	540 224 52	540 226 31	633 242 17	633 244 04
540 223 01	540 224 58	540 226 33	633 242 20	633 244 03
540 223 07	540 224 59	540 226 35	633 242 21	633 244 06
540 223 10	540 224 74	540 226 37	633 242 30	633 244 07
540 223 13	540 224 81	540 226 39	633 242 31	633 244 08
540 223 14	540 224 83	540 226 41	633 242 33	633 244 09
540 223 17	540 224 95	540 226 43	633 242 35	633 244 11
540 223 18	540 225 10	540 226 46	633 242 40	633 244 18
540 223 22	540 225 14	540 226 48	633 242 42	
540 223 23	540 225 17	540 226 50	633 242 45	
	540 225 25	540 226 52	633 242 56	

**BMC-LEVEND, MİNİBÜS/
VAN, KAMYONET/ TRUCK
NISSAN HD
FORD ESCORT
TRANSIT**
JAAX 16

A648 C005 70


2-JAA 16

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6x7x14

 A2T41191
AG2035A

**MAZDA FAMILIA
NISSAN SUNNY, VAN**
JAAX 24

 A647 X007 71
A647 X107 71

2-JAA 24

 Gerilim / Voltage
(Volt)



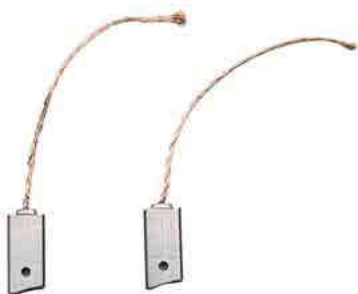

12

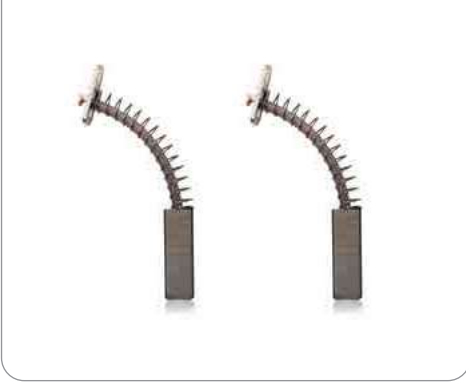
 Ölçü / Dimension
(mm)

7x6x19,5/18,5

 A1T03476
A1T23874
A1T25077
A1T32084
A1T32099

**MITSUBISHI
MAZDA
DATSUN
NISSAN**

Takım Sipariş Kodu / Set Order Code	Özellikler Properties	Motor Numarası / Unit No.	Araç Modeli/Vehicle Model
<p>JAAX 25</p> <p>A648 C004 71 A648 C012 70</p> 	<p>2-JAA 25</p> <p>Gerilim / Voltage (Volt) 12</p> <p>Ölçü / Dimension (mm) 6x7x18/17</p>	<p>AP2040T LT12524</p>	<p>MAZDA MITSUBISHI NISSAN</p>
<p>JAAX 31</p> <p>A648 D019 70 A648 D019 71</p> 	<p>2-JAA 31</p> <p>Gerilim / Voltage (Volt) 12</p> <p>Ölçü / Dimension (mm) 7x6x23</p>	<p>A2T72383 A4T57986 A4T65988 A2T24884 A2T70772 A2T72186 A2T72188 A2T72189</p>	<p>MITSUBISHI MAZDA</p>
<p>JAAX 34</p> <p>A648 C029 70 A648 D025 70 A648 D025 71</p> 	<p>2-JAA 34</p> <p>Gerilim / Voltage (Volt) 12</p> <p>Ölçü / Dimension (mm) 8x5x18/16,5</p>	<p>A1T01791 A1T1384 A1T2977 A1T18476 A1T3393 A1T2091 A1T2577 A1T4677 A1T41991 A1T3493 A1T2674 A1T4191 A1T6991 A1T43791 A1T4177 A1T02674D A1T05892B A1T13571 A1T46591 A1T8183 A1T3191 A1T9691 A1T41677 A1T48292 A1T11678 A1T3292 A1T36478 A1T43099 A1T28611 A5T00877 A1T3672 A1T42599A A1T45799A A1T2378 A5T3092 A1T3872 A1T45272 A1T48195A A1T02394B A5T3192 A1T3972 A1T47974 A1T4572 A1T5916 A5T16471 A1T991 A1T48791 A1T1783 A1T9392 A5T22877 A1T02394B A1T4172 A1T3171 A1T28976 A5T22971 A1T3691 A1T1483 A1T5772 A1T42571 A5T22997 A1T05892A A1T2671 A1T8577 A1T43891 A5T22997B A1T9493 A1T4277 A1T17783 A1T46871 A5T30574 A1T34477 A1T6577 A1T41791 A1T48298 A5T30871 A1T42599 A1T9792 A1T43472 A1T28633 A5T30977 A1T44991 A1T40571B A1T45877 A1T2386 A5T31671 A1T47474 A1T42777 A1T48195B A4T02891A A5T32277 A1T48691 A1T45799 A1T40391 A7T00191 A5T32571 A1T4072 A1T48195 A1T2271 A7T30371 A5T41271 A1T49476 A1T3477 A3T00792 A5T41477 A1T4272 A1T05772X A3T3099 A5T41592 A1T1683 A1T9291 A1T3392 A5T41592B</p>	
<p>JAAX 36</p> <p>A648 D027 70 A648 D038 70</p> 	<p>2-JAA 36</p> <p>Gerilim / Voltage (Volt) 12</p> <p>Ölçü / Dimension (mm) 8x5x23/21,5</p>	<p>A1T03392 A1T06191</p>	

Takım Sipariş Kodu / Set Order Code
JAAX 36 ST2
141239
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model

2-JAA36
**Gerilim / Voltage
(Volt)**
14/28
**Ölçü / Dimen-
sion (mm)**
5x8x24,5

1516176
1777299
5010480765
7420842441
7421056611
A003TA8491
A004TR5188ZT
A004TR5191
A004TR5191ZT
A004TR5291
A004TR5291AT
A004TR5291ZT
A004TR5391
A004TR5591ZT
A004TR5894ZT
A3TA8491
A3TA8491
A3TR5092
A3TR5093
A4TR5091
A4TR5091ZT
A4TR5188ZT
A4TR5191
A4TR5191ZT
A4TR5291
A4TR5291A
A4TR5291AT
A4TR5291ZT
A4TR5391
A4TR5391ZT
A4TR5392
A4TR5393
A4TR5491AT
A4TR5491ZT
A4TR5591
A4TR5591ZT

A4TR5592
A4TR5593
A4TR5691
A4TR5691ZT
A4TR5891
A4TR6791
ALM0930UX
ALM0930WA
ALM1842BS
ALM1842GB
ALM1842LP
ALM1842UX
ALM1842WA
ALM1880DD
ALM1880GB
ALM1880LK
ALM1880UX
ALM1880WA
ALM1880YX
ALM1883KL
ALM1883LK
ALM1883UX
ALM1883WA
ALM1883YX
ALM1947
ALM1947UX
ALM1947WA
ALM1947YJ
ALM1947YX
ALM2019BS
ALM2019LP
ALM2019UX
ALM2019WA
ALM2019YJ
ALM2019YX
ALM2039UX

ALM2039WA
ALM2039YJ
ALM3391WA
ALM3536BS
ALM3536LK
ALM3592BS
ALM3592LK
ALM3691AN
ALM3691BS
ALM3691GB
ALM3691LK
ALM3691LP
ALM3691NW
ALM3691UX
ALM3691WA
ALM3840YJ
ALM3891BS
ALM3891LP
ALM3891UX
ALM3891WA
ALM4930LP
ALM4930WA
ALM5577GB
ALM5577LK
ALM5577UX
ALM5577WA
ALM8330BS
ALM8691NW
ALM8930WA
ALM8991UX
ALM8991WA
ALM8991YJ
ALM8991YX
ALM9842YJ
ALM9842YX
ALM9883BS

**Volvo
Renault Tır
RENAULT**

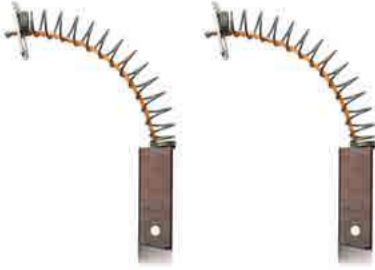
BUS Agora 9.9
1998-
MI7R06.20.45
B41/C41 /
BUS Ares 300
1998- MIDR
06.20.45 R41 /
BUS Iliade 9.9
1996-2001
MIDR 06.20.45
/ TRUCK Kerax
260 1997-2002
MIDR 06.20.45
C/4 / TRUCK
Magnum
AE390 1996-
2000 MIDR
06.24.65A4
/ RENAULT
TRUCK Midlum
I 270 2001-
2006 dCi 6A /
TRUCK Pre-
mium HD210
1996-2001
MIDR 06.02.26
W4 //
114 1996-2004
10600ccm
DC11

SCANIA

Takım Sipariş Kodu / Set Order Code

JAAX 36 ST

A647X50170
A647X50270
A647X50870



Özellikler
Properties

2-JAA 36

Gerilim / Voltage
(Volt)

12

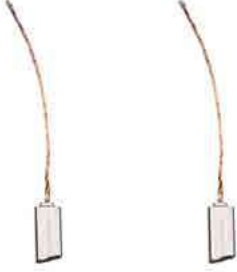
Ölçü / Dimen-
sion (mm)

5x8x23

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

01183118KZ 0986045741 0K30D18300 1088304 1098747 1122238 1140138 1140139 1-3600-25W 1436502 1478225 1800A005 1800A007 1800A052 1800A053 1800A067 1800A117 1800A211 1J43164012 231000E711 231000E716 231000M010 231000M810 231000M811 231000T060 231000V010 231000Y710 231001AA1A 231001AT1A 231001HS1A 231001KA1M 231002J10 231002543R 231002J010 2310031P10 2310035F10 231003VDIA 2310047R10 231004HK1A 231004HK6A 231005M310 2310064J13 2310077A10 231009UA0A 23100AD210 23100CD010 23100DC000 23100JR51A 23700AA370 23700AA390 23700AA401 23700AA521 23700AA620 23700AA63A 23700AA710 23700AA770 23700KA800 2S6T10300CB 2S6T10300CC 2S6T10300CD 2S6T10300DB 2S6T10300DC 2S6T10300DD 31100P73A01 31100R14004 3140065J10 3140078K20 3140080J10 3601014 3701020BE00 3730042354 3730042360 3730042459 3730042710 3730042750 3730045500 373004A110 373004A201 373004A203 373004X000 373004Z500 3C00174012 46502D1H3701950 46502D3701950 47601L3701950 5705GZ 600005 600024 600049 8200660053 92193199 98MF10300CA 98MF10300CC A002T01384 A002T01483 A002T01683 A002T01783 A002T02084 A002T06384 A002T10083 A002T13894 A002T19677 A002T19777 A002T33191 A002T33191A A002T37391 A002T49476 A002T82491 A002T82491A A002T82491B A002TA0891 A002TA2492 A002TA4091 A002TA4091A A002TA4092A	A002TA5191 A002TA8383 A002TB0091 A002TB0091A A002TB3091 A002TB3691 A002TB3691KD A002TB5391 A002TB6991 A002TC0691 A002TC0982 A002TC1391ZC A002TG0391 A002TJ0791 A002TN0399 A002TK0091 A003T00599 A003T05499 A003T14491 A003T15099 A003TA0791 A003TA1191 A003TA5491 A003TA6591 A003TB0291 A003TB1081 A003TB4191 A003TG0081 A003TG0091 A003TG0491 A003TG1391 A003TG1391A A003TG3181 A003TG4191 A003TG5281ZE A003TG5281ZE04 A003TG5281ZEB A003TG5291ZE A003TJ0781 A003TJ0781AE A003TN0299 A003TN0499 A003TN1791 A003TN2481A A003TN5082 A003TX0381ZC A003TX0692ZC A004TJ0084 A004TJ0481 A004TJ0582 A004TJ0881 A005T00192 A005T03092 A005T03192 A005T04392A A005T04392B A005T04492A A005T04492B A005TA3891 A005TA3891A A005TA3891AC A005TA3891C A005TA3891ZC A005TA4291 A005TA6292C A005TA6292F A005TA6292G A005TA6292ZE A005TA7091 A005TA7091ZE A005TA7191ZC A005TA7792 A005TA7981A A005TG0091 A005TG0091AE A005TG0391ZE A005TG0192A A005TG0192B A005TG0991 A1321540001 A1T03191 A1T03292 A1TA1777 A1TA2291 A1TA2293 A1TA3091 A1TA3391 A1TA3391A A1TA3391B A1TA3391C A1TA3392 A1TA3891 A1TG0281 A2T01384 A2T01483 A2T01583 A2T01683 A2T01783 A2T01976 A2T02084 A2T04599 A2T05892A A2T06384 A2T09591 A2T09884 A2T10083 A2T13894 A2T13977 A2T13977X A2T14376 A2T14694 A2T14876 A2T17491	A2T17783 A2T18177 A2T18277 A2T18476 A2T18479 A2T18874 A2T19677 A2T19877 A2T19991 A2T27594 A2T27594 A2T27883 A2T28792 A2T28976 A2T33191 A2T33191A A2T33991 A2T34477 A2T34598 A2T34892 A2T35091 A2T35092 A2T35177 A2T35177 A2T36392 A2T36478 A2T36578 A2T36578A A2T36684 A2T36776 A2T37291 A2T37391 A2T37976 A2T38291 A2T38391 A2T38491 A2T38676 A2T38891 A2T38892 A2T38892A A2T39091 A2T39291 A2T39391 A2T39391A A2T39991 A2T39992A A2T40092 A2T49377 A2T49476 A2T49577 A2T73676 A2T74976 A2T75076 A2T80591A A2T81192 A2T81791 A2T82378 A2T82491 A2T82491A A2T82491B A2T82899 A2T82899A A2T83084 A2TA0291 A2TA0891 A2TA1099 A2TA1099A A2TA2292 A2TA2392 A2TA2492 A2TA2871 A2TA2871A A2TA3791 A2TA4091 A2TA4091A A2TA4092A A2TA4092B A2TA5192 A2TA5192 A2TA5192A A2TA5391 A2TA5391ZT A2TA5392 A2TA5393 A2TA5393ZC A2TA5394 A2TA5991 A2TA6099 A2TA6099A A2TA6099AT A2TA7191 A2TA8383 A2TB0091 A2TB0091A A2TB0191 A2TB0191A A2TB0491 A2TB0892 A2TB1298 A2TB1299 A2TB1491ZC A2TB2791 A2TB2891 A2TB2991 A2TB3091 A2TB3191 A2TB3191A A2TB3691 A2TB3691KD A2TB3891	A2TB4791 A2TB5391 A2TB5791 A2TB5791ZC A2TB5891 A2TB6481 A2TB6991 A2TB7391 A2TB7591 A2TB8691 A2TC0091 A2TC0091 A2TC0091 A2TC0591 A2TC0691 A2TC0891 A2TC0891 A2TC0982 A2TC1391 A2TC1391ZC A2TC1391ZE A2TC1877A A2TG0091 A2TG0191 A2TG0191ZC A2TG0391 A2TG0691 A2TG0791 A2TG0891 A2TG1081 A2TG1281ZT A2TG1381A A2TG1581 A2TG1691ZC A2TG2181 A2TG2191 A2TJ0281 A2TJ0291 A2TJ0291ZE A2TJ0391 A2TJ0391B A2TJ0391C A2TJ0481 A2TJ0581 A2TJ0681 A2TJ0881 A2TJ1291 A2TJ1381 A2TJ1591 A2TJ1791 A2TJ1881 A2TJ1891 A2TJ1891ZC A2TL0291 A2TN0076 A2TN0076A A2TN0399 A2TN0499 A2TN0678 A2TN1199 A2TN1199A A2TN1299 A2TN1798 A2TN1798A A2TN1798AT A2TN3279 A2TN3381 A2TN3781 A2TX0281 A2TX0781 A2TX0881 A2TX0881A A2TX0891 A2TX1081 A2TX1491 A2TX1591 A2TX1781 A2TX1981 A2TX1991 A2TX1991ZT A2TX2081 A2TX2291 A2TX2491 A2TX2581 A2TX2881 A2TX2991 A2TX3081 A2TX3291 A2TX3581ZC A2TX481ZT A2TX6081 A2TX9181 A3T00599 A3T00896 A3T00896ZC A3T01871 A3T01872 A3T01877 A3T03099 A3T04177 A3T04199 A3T04999 A3T05192 A3T05499 A3T06099 A3T07483 A3T	CITROEN C3 1.4 VTI [8FP(EPC)] 01.2009- C3 1.6 VTI [5FS(EPC)] 01.2009- C3 Picaso 1.4 VTI [8FS8F- N(EPC)] 01.2009- CITROEN C4 1.4 VTI [8FP(EPC)] 01.2009- C4 1.6 THP [5FV(EP- 6CDT)] 01.2009- CITROEN C4 1.6 VTI [5FS(EPC)] 01.2009- C4 Grand Picasso 1.6 16V [5FT5FX(EP6DT)] 01.2008- C4 Grand Picasso 1.6 THP 155 [5FV(EP6DT)] 01.2010- C4 Grand Picasso 1.6 VT120 [5FV(EP6)] 01.2008- C4 Picasso 1.6 16V [5FX(EP6DT)] 01.2008- C4 Picasso 1.6 THP [5FT(EP6DT)] 01.2008- C4 Picasso 1.6 THP [5FV(EP6CDT)] 01.2008- C4 Picasso 1.6 VTI [5FV(EP6)] 01.2008- C5 11.6 VTI 5FD5FV(EP- 6CDT)] 01.2010- DS3 1.6 Racing [5FD5FV(EP6CDT.)] 01.2011- DS4 1.6 THP [5FV(EP- 6CDT)] 01.2011- DS4 1.6 VT120 [5FS(EPC)] 01.2011- DS5 1.6 THP 155 [5FV(EP- 6DT)] 01.2011- DS5 1.6 THP 163 [5FV(EP6DT)] 01.2011- 1.6 [N12B16A] 01.2006-12.2007 1.6 [N12B16A] 01.2007- 1.6 Club- man [N12B16A] 01.2006-12.2007 S 1.6 [N14B16A] 01.2006-12.2007 S 1.6 [N14B16A] 01.2007- S 1.6 Clubman [N14B16A] 01.2007- MINI One 1.4 [N12B14A] 01.2006- MINI One 1.4 [N12B14A] 01.2007- MINI One 1.6 [N16B16A] 01.2007- MINI One 1.6 Clubman [N16B16A] 01.2009- 207 1.6 Turbo 01.2006- 207 1.6 VTI [5FS(EP6)] 01.2007	MINI Cooper 1.6 [N12B16A] 01.2007- 1.6 Club- man [N12B16A] 01.2006-12.2007 S 1.6 [N14B16A] 01.2006-12.2007 S 1.6 [N14B16A] 01.2007- S 1.6 Clubman [N14B16A] 01.2007- MINI One 1.4 [N12B14A] 01.2006- MINI One 1.4 [N12B14A] 01.2007- MINI One 1.6 [N16B16A] 01.2007- MINI One 1.6 Clubman [N16B16A] 01.2009- 207 1.6 Turbo 01.2006- 207 1.6 VTI [5FS(EP6)] 01.2007	PEUGEOT Colt 1.1 [3A91] 01.2004- Colt 1.3 [4A90] 01.2004- Colt 1.3 [4A90] 01.2008- Colt 1.5 [4A91] 01.2004- Colt 1.5 [4A91] 01.2008- Lancer 1.5 [4A61] 01.2008- Lancer 1.5 [4A91] 01.2008- SMART Forfour 1.1 [M134.910] 01.2004- SMART Forfour 1.1 [M134.911] 01.2004- SMART Forfour 1.3 [M135.930] 01.2004- SMART Forfour 1.5 [M135.950] 01.2004-12.2007 SMART Forfour 1.5 Brabus [M122.950] 01.2004-12.2007	MITSUBISHI Colt 1.1 [3A91] 01.2004- Colt 1.3 [4A90] 01.2004- Colt 1.3 [4A90] 01.2008- Colt 1.5 [4A91] 01.2004- Colt 1.5 [4A91] 01.2008- Lancer 1.5 [4A61] 01.2008- Lancer 1.5 [4A91] 01.2008- SMART Forfour 1.1 [M134.910] 01.2004- SMART Forfour 1.1 [M134.911] 01.2004- SMART Forfour 1.3 [M135.930] 01.2004- SMART Forfour 1.5 [M135.950] 01.2004-12.2007 SMART Forfour 1.5 Brabus [M122.950] 01.2004-12.2007
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Takım Sipariş Kodu / Set Order Code
JAAX 9
21660-0130

**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
2-JAA 9
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
5x8x18/16,5

210000321	2100006710	2100006640	1002100442
210000431	2100006900	2100007911	1002101391
210000980	2100006940	2100008021	1002101400
2100001010	2100007250	2100008310	1002101401
2100001011	2100007260	2100009100	1002101450
2100001012	2100008030	2100009120	1002101531
2100001590	2100008140	2100009130	1002101601
2100001840	2100008231	2100009260	1002110140
2100004510	2100008250	2100009770	1002110142
2100004550	2100008270	2100007920	1002110291
2100005080	2100002970	2100007931	1002110320
2100005081	2100005250	2100007971	1002110322
2100005150	2100006612	2100007990	144010560
2100005600	2100007320	2100008011	144010680
2100006110	2100008020	2100008400	144030610
2100006370	2100008271	2100008620	2702056100
2100006420	2100009091	2100008910	2702096601
2100006611	2100003001	2100009040	2706063010
	2100005450	2100009061	

HONDA
JAAX 28
21660-0330

2-JAA 28
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
8x5x22,5/20,3
27371-44070
DAIHATSU
TOYOTA CORONA
 CELICA
 CROWN
CHRYSLER
DAIHATSU MOTOR CO
HONDA
ACURA
KUBOTA
MAZDA
SUBARU
TOYOTA
JAAX 33
**21660-0311
21660-0530**

2-JAA 33
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
8x5x28,5/26

210000013	1002101961	1002102760	1002130130
210000441	1002102130	1002102840	1002130151
210000720	1002102210	1002102860	1002130231
210000731	1002102221	1002102861	1002130300
210000740	1002102250	1002102960	1002130520
210000830	1002102251	1002102980	1002130750
210000850	1002102280	1002103270	1002130760
210000930	1002102290	1002103280	1002130770
210000950	1002102302	1002103350	1002130800
210001290	1002102343	1002103360	1002131950
210001480	1002102600	1002103400	1002131120
210001770	1002102620	1002103460	1002131210
210008830	1002102650	10021032680	1002131290
210009881	1002102660	1002103720	1002131500
210009960	1002102700	1002103730	1210001480
1002101573	1002102710	1002103760	2702068040
	1002102720	1002103770	2703057091
	1002102750	1002130080	

ISUZU

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JAAX 3521660-0390
21660-0510ND 0351
ND 0352
ND 0353

2-JAA 35

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

5x7x15/14

210000580	SR11571
210002500	83010
1012110040	86010
1012110060	86510
1012110070	3140060B11
1012110240	3140060B30
1012110340	3140060B4
1012112230	314006060B40
1012113860	3140080-E00
1012117920	3140082610
102116600	3140082611
102116720	1002103070
102116721	1002131910
23700KA160	
31100PH70040	

TOYOTA	COROLLA
	CORONA
	CARINA
	CELICA

JAAX 38

21660-0370



2-JAA 38

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8x5x22/19,5

A1T06291	A2T11473
A4T03191	A2T13894
A5T01577	A2T14876
A5T02477	A2T18479
A5T03477	A2T18792
A3T 01877B	A2T18976
A3T 04999	A2T27594
A3T 76682	A2T27594A
A2T 01976	A2T27883
A2T2084	A2T49577
A2T4578	A2T599
A2T10083	A2T1877
	A2T01877A

TOYOTA	CORONA
	CROWN
MITSUBISHI	L300
HYUNDAI	H 100
MAZDA	323, 626

Takım Sipariş Kodu / Set Order Code

UX 79-80/0

608 272


 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

1-U 79/0 1-U 80/0	7526C 7527BC 7528C 7529BDEF 7530B 7531B 7533BCD 7535B 7538A 7540ABC 7541ABC 7543AB 7545A 7548A 7549ABCDE 7550ABCDEF 7551B 7552ABCD 7553AB 7554A 7555AB 7556BC 7558ABC 7560ABC 7562ABCDE 7563AB 7565ABCDE 7557AB 7566ABC	7567ABCDE 7568ABC 7569ABC 7570AB 7571ABC 7572A 7575ABCDE 7576A 7577ABCDE 7578ABC 7579A 7580ABC 7581AB 7582A 7583A 7584BC 7585ABC 7586ABCD 7590ABC 7591ABCD 7593A 7596ABCD 7597ABCD 512 001A2AB 512 001A3AB 513 001A2A 513 001A3AB 513 001A4A 513 001A5A 513 001A8ABC	513 001A9AB 513 001A10A 515 001A2AB 515 001A3ABC 515 001A4AB 515 001A5A 581 003A6A 581 003A9AB 581 003A10A 581 003A13AB 581 003A17A 581 003A89A 618 442C43DEF 618 442C44CD 618 442C45B 618 442C46ABCD 618 442C47BC 618 442C48AB 618 449ABCD50	PEUGEOT
Gerilim / Voltage (Volt)	12			
Ölçü / Dimension (mm)	6x4,5x15			

PLX 10

443 930 132 780



2-PL 10			SKODA FAVORIT FELICIA JOHN DEERE
Gerilim / Voltage (Volt)	12		
Ölçü / Dimension (mm)	6,3x6,3x15		

Takım Sipariş Kodu / Set Order Code

PX 52-54

075411

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

1-P 52
1-P 54Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x5x19

A11M3	A12R11	A13R82T	A13R63162T	A13R63129
A11M4	A12R12	A13R84T	A13R63163T	A13R63132
A11M5	A12R13	A13R83T	A13R63166	A13R63133
A11M6	A12R14	A13R85T	A13R63167	A13R63134
A11M7	A12R19	A13R86T	A13R63169	A13R63137
A11M9	A12R20	A13R87T	A13R63174	A13R63138
A11M10	A12R21	A13R88T	A13R63183	A13R63144
A11M11	A12R23	A13R89T	A13R63194	A13R63145
A11M12	A12R26	A13R90T	A13R63198	A13R63150
A11M13	A12R27	A13R92	A13R63199	A13R63151
A11M14	A12R28	A13R95	A13R63202	A13R63152
A11R1	A12R47	A13R96	A13R63205	A13R63153
A11R2	A12R49	A13R97	A13R63210	A13R63154
A11R3	A13M2	A13R98	A13R63212	A13R63196
A12M1	A13M3	A13R99	A13R63213	A13R63184
A12M2	A13M4	A13R63172T	A13R63215	A13R63195
A12M3	A13M5	A13R63172	A13R63219	A13R63185
A12M5	A13M6	A13R63104	A13R63223	A13R63186
A12M6	A13M7	A13R63105	A13R63235	A13R63187
A12M7	A13M8	A13R63115	A13R63261	A13R63188
A12M8	A13M9	A13R63119	A13R63265	A13R63189
A12M9	A13M11	A13R63123	A13R63180	A13R63190
A12M10	A13M12	A13R63131	A13R63	A13R63191
A12M18	A13M13	A13R63135T	A13R63171	A13R63175
A12R1	A13M14	A13R63136	A13R63170	A13R63191T
A12R2	A13M15	A13R63139T	A13R63120	A13R63224
A12R3	A13M16	A13R63140	A13R63121	A13R63176
A12R4	A13M17	A13R63141	A13R63116	A13R63177
A12R5	A13R63	A13R63143	A13R63117	A13R63178
A12R6	A13R73T	A13R63149	A13R63124	A13R63179
A12R8	A13R74	A13R63156	A13R63125	A13R63225
A12R9	A13R78T	A13R63157	A13R63126	
A12R10	A13R80T	A13R63159	A13R63127	
	A13R81T	A13R63160	A13R63128	

PEUGEOT
PEUGEOT KAMYON/TRUCK
RENAULT**PX 60**

300722



2-P 60

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6,35x4,6x15,4

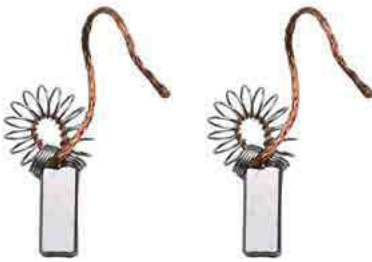
A12R35T
A13N51
A14N37
A14R34T
A12R57
A12R58
A12R351T
A13N69
A13N76
A14N19
A14R54T
A14R341T
A14R541T
A14R543T

RENAULT 9, BROADWAY
MEGANE, CLIO

Takım Sipariş Kodu / Set Order Code
SVX 7/9
300 821

**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
2-SV 7/9
**Gerilim / Voltage
(Volt)**
12/24
**Ölçü / Dimension
(mm)**
6,4x4,6x14,5

2518032-452	SEV7120	SEV7153	SEV7186
2940020-930	SEV7121	SEV7154	SEV7187
2941095-447	SEV7122	SEV7155	SEV7188
9AL2502K	SEV7123	SEV7156	SEV7189
PR A11Vi	SEV7124	SEV7157	SEV7190
A12R22	SEV7125	SEV7158	SEV7191
PR A12M9	SEV7126	SEV7159	SEV7192
PR A13E...PR A13N1M...PR	SEV7127	SEV7160	SEV7193
PR A13N1M	SEV7128	SEV7161	SEV7194
A13N152M	SEV7129	SEV7162	SEV7195
PR A13N175	SEV7130	SEV7163	SEV7196
PR A13R	SEV7131	SEV7164	SEV7197
PR A13N176	SEV7132	SEV7165	SEV7198
PR A13N177	SEV7133	SEV7166	SEV7199
PR A13N178	SEV7134	SEV7167	A13N29
PR A13N179	SEV7135	SEV7168	A13N30
PR A13N180	SEV7136	SEV7169	A13N31
PR A13N181	SEV7137	SEV7170	A13N32
PR A13N182	SEV7138	SEV7171	
PR A13N183	SEV7139	SEV7172	
A13V2	SEV7140	SEV7173	
A13V5	SEV7141	SEV7174	
A13V7	SEV7142	SEV7175	
PR A13Vi	SEV7143	SEV7176	
PR A14N1	SEV7144	SEV7177	
PR A14N36	SEV7145	SEV7178	
PR A14N71	SEV7146	SEV7179	
PR A14N128	SEV7147	SEV7180	
PR A14N116M	SEV7148	SEV7181	
PR A14N99	SEV7149	SEV7182	
PR A14N196M	SEV7150	SEV7183	
PR A14N206M	SEV7151	SEV7184	
	SEV7152	SEV7185	

**PEUGEOT
RENAULT
FUEGO
PORSCHE
SAAB
VOLVO**
SVX 10
2521679E

2-SV 10
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
6,4x4,6x14,5
**A13V
A14V
A13Vi
A14Vi**



- DİREKSİYON KÖMÜRLERİ / *STEERING WHEEL PUMP BRUSHES*
- FAN KÖMÜRLERİ / *FAN BRUSHES*
- KLİMA KÖMÜRLERİ / *AIR CONDITION BRUSHES*
- SCOOTER VE MOTOSİKLET KÖMÜRLERİ / *SCOOTER AND MOTORCYCLE BRUSHES*
- YÜKSEK BAKIRLI KÖMÜRLER / *BRUSHES WITH HIGH COPPER DENSITY*
- DİĞER KÖMÜRLER / *OTHER BRUSHES*

ÇEŞİTLİ KÖMÜRLER

MISCELLANEOUS BRUSHES

Takım Sipariş Kodu / Set Order Code

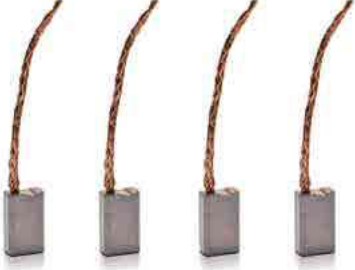
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

HPIX 1

145 110 411 034

**4-HPI 1**

7701470783

Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6,95x12,4x20,3****CITROEN** SAXO
PEUGEOT 106
RENAULT KANGOO**HPIX 3**

141 110 411 037

**HP 0010**
HP 0011**4-HPI 3**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**5,95x12,4x20****CITROEN** SAXO
PEUGEOT 106
RENAULT KANGOO**HPIX 4****4-HPI 4**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**5,45x12,2x22**

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

MTX 6 Y**3-MT 6 Y**Gerilim / Voltage
(Volt)**6/12**Ölçü / Dimension
(mm)**6,4x6,4x13**

SİLECEK / WIPER

MTX 8**2-MT 8**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**4,1x5,9x9/10,3**

BLOWER

SW 68

704061-16

**3-SW 68**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6,5x6,5x11**

SİLECEK / WIPER

MEGA 201

7851780-0

**3-MEGA 201**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6,34x6,34x11,3**

ARKA SİLECEK / REAR WIPER

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli / Vehicle Model

MEGA 202785165-21
MTE 895 A**2-MEGA 202**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6,85x8x18**

FAN

MEGA 203**2-MEGA 203**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8x8x19**

FAN

MEGA 206**2-MEGA 206**Gerilim / Voltage
(Volt)**12/24**Ölçü / Dimension
(mm)**7,3x7,3x13**

FAZ

FAN, CAM
SİLECEK / WIPER
KLİMA /
AIR CONDITION

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

MTX 7**2-MT 7**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**7,1x7,1x14**

KLİMA / AIR CONDITION

MEGA 200**1-MEGA 200A
1-MEGA 200B**Gerilim / Voltage
(Volt)**12/24**Ölçü / Dimension
(mm)**6,5x6,5x11**

KLİMA / AIR CONDITION

MEGA 204**2-MEGA 204**Gerilim / Voltage
(Volt)**12/24**Ölçü / Dimension
(mm)**8x8x17**SÜTRAK KLİMA /
AIR CONDITION**MEGA 205****2-MEGA 205**Gerilim / Voltage
(Volt)**12/24**Ölçü / Dimension
(mm)**8x8x22**BAŞKURT KLİMA /
AIR CONDITION

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

MEGA 207**2-MEGA 207**Gerilim / Voltage
(Volt)**12/24**Ölçü / Dimension
(mm)**9x7,75x20****KONVEKTA** KLİMA /
AIR CONDITION**MEGA 208****2-MEGA 208**Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**7,9x9,9x22****VOLVO
SCANIA
DAFF****MEGA 209**

3 134 320 341

**2-MEGA 209**Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**8x10x20****MERCEDES
MAN
KASSBOHRER SETRA
SÜTRAK** KLİMA /
AIR CONDITION**MEGA 210****4-MEGA 210**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**7,9x8,7x18****PEUGEOT** 206,306,307
KLİMA /
AIR CONDITION

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

MEGA 216**2-MEGA216**Gerilim / Voltage
(Volt)**12/24**Ölçü / Dimension
(mm)**8,2x9,3x20**

KLİMA / AIR CONDITION

MEGA 217**YENİ / NEW****4-MEGA217**Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**9,3x8,2x17**

KLİMA / AIR CONDITION

Takım Sipariş Kodu / Set Order Code

 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

MTX 4

2-MT 4

 Gerilim / Voltage
(Volt)

6/12

 Ölçü / Dimension
(mm)

6x6x16
**MOTOSİKLET /
MOTORCYCLE**
MTX 5

2-MT 5

 Gerilim / Voltage
(Volt)

6/12

 Ölçü / Dimension
(mm)

6,4x8x12,5
**MOTOSİKLET /
MOTORCYCLE**
MEGA 211

1-MEGA 211A
1-MEGA 211B
**1-MEGA 211A
1-MEGA 211B**

 Gerilim / Voltage
(Volt)

6/12

 Ölçü / Dimension
(mm)

7x6x8
**HONDA
MONDIAL** SCOOTER
MOTOSİKLET /
MOTORCYCLE

MEGA 213





MEGA 213 A
MEGA 213 B
**1-MEGA 213 A
1-MEGA 213 B**

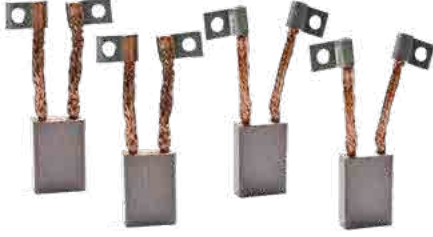
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

9x6x8
SCOOTER MOTOSİKLET/
MOTORCYCLE
100cc 150cc

Takım Sipariş Kodu / Set Order Code	Özellikler Properties	Motor Numarası / Unit No.	Araç Modeli/Vehicle Model
MEGA 876 	2-MEGA 876 Gerilim / Voltage (Volt) 6/12 Ölçü / Dimension (mm) 7,9x7,9x21		JAWA MOTOSİKLET / MOTORCYCLE
MEGA 877 	2-MEGA 877 Gerilim / Voltage (Volt) 6/12 Ölçü / Dimension (mm) 6x8x19		JAWA MOTOSİKLET / MOTORCYCLE
MEGA 880 	1- MEGA 880A 1-MEGA 880B Gerilim / Voltage (Volt) 6/12 Ölçü / Dimension (mm) 6,5x9,8x18,3		JAWA MOTOSİKLET / MOTORCYCLE
MEGA 882 S 	1-MEGA 882 S Gerilim / Voltage (Volt) 6/12 Ölçü / Dimension (mm) 3,9x5,9x13		JAWA MOTOSİKLET J - 3,5 MOTORCYCLE

Takım Sipariş Kodu / Set Order Code
BSX 33 CU
2 007 014 020

**Özellikler
Properties**
4-BS 33
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimen-
sion (mm)**
9x20x28,5
Motor Numarası / Unit No.

 0 001 400 016
0 001 401 051

Araç Modeli/Vehicle Model
RENAULT
BSX 86-87 CU
**2 007 014 044
2 007 014 052**

BS 86
BS 87
**2-BS 86
2-BS 87**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimen-
sion (mm)**
10x25x23

0 001 358 200	0 001 359 030	0 001 359 058	0 001 359 089
0 001 358 202	0 001 359 031	0 001 359 059	0 001 359 090
0 001 359 001	0 001 359 032	0 001 359 060	0 001 359 091
0 001 359 004	0 001 359 033	0 001 359 061	0 001 359 092
0 001 359 006	0 001 359 034	0 001 359 062	0 001 359 094
0 001 359 007	0 001 359 035	0 001 359 063	0 001 359 095
0 001 359 008	0 001 359 036	0 001 359 064	0 001 359 096
0 001 359 010	0 001 359 037	0 001 359 065	0 001 359 097
0 001 359 011	0 001 359 038	0 001 359 066	0 001 359 098
0 001 359 012	0 001 359 039	0 001 359 067	0 001 359 099
0 001 359 013	0 001 359 040	0 001 359 068	0 001 359 100
0 001 359 014	0 001 359 041	0 001 359 069	0 001 359 101
0 001 359 016	0 001 359 043	0 001 359 071	0 001 359 102
0 001 359 018	0 001 359 044	0 001 359 072	0 001 359 104
0 001 359 019	0 001 359 045	0 001 359 073	0 001 359 1022
0 001 359 020	0 001 359 046	0 001 359 074	0 001 359 017
0 001 359 021	0 001 359 047	0 001 359 075	0 001 365 004
0 001 359 023	0 001 359 048	0 001 359 076	0 001 365 005
0 001 359 024	0 001 359 049	0 001 359 081	0 001 365 006
0 001 359 025	0 001 359 050	0 001 359 082	0 001 365 007
0 001 359 026	0 001 359 051	0 001 359 083	0 001 365 008
0 001 359 027	0 001 359 053	0 001 359 084	9 000 143 107
0 001 359 028	0 001 359 054	0 001 359 085	9 000 143 109
0 001 359 029	0 001 359 055	0 001 359 086	9 000 143 110
	0 001 359 056	0 001 359 087	9 000 143 111
	0 001 359 057	0 001 359 088	

IVECO 49 NC
DODGE AS 600
MACK
BSX 102 CU
2 007 014 053

4-BS 102 CU
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
9x16x25,5

0 001 357 002	0 001 362 012	0 001 362 027
0 001 362 001	0 001 362 013	0 001 362 028
0 001 362 002	0 001 362 014	0 001 362 029
0 001 362 003	0 001 362 015	0 001 362 030
0 001 362 004	0 001 362 016	0 001 362 032
0 001 362 005	0 001 362 017	0 001 362 033
0 001 362 006	0 001 362 019	9 000 143 400
0 001 362 007	0 001 362 021	9 000 143 402
0 001 362 008	0 001 362 022	9 000 143 404
0 001 362 009	0 001 362 023	9 000 143 407
0 001 362 011	0 001 362 024	9 000 143 408
	0 001 362 025	9 000 143 409

OPEL
BEDFORD
MERCEDES 200 D
HENSCHEL

Takım Sipariş Kodu / Set Order Code

BSX 157-158 CU

1 004 320 110-111



BS 157 CU

BS 158 CU

Özellikler
Properties

2-BS 157 CU
2-BS 158 CU

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6x18x14,5

Motor Numarası / Unit No.

0 001 109 001	0 001 109 045	0 001 110 045	0 001 110 092	0 001 125 012
0 001 109 002	0 001 109 047	0 001 110 047	0 001 110 095	0 001 125 013
0 001 109 003	0 001 109 061	0 001 110 049	0 001 110 098	0 001 125 016
0 001 109 006	0 001 110 001	0 001 110 051	0 001 110 102	0 001 125 019
0 001 109 007	0 001 110 002	0 001 110 053	0 001 110 104	0 001 125 017
0 001 109 011	0 001 110 003	0 001 110 055	0 001 110 106	0 001 125 018
0 001 109 012	0 001 110 004	0 001 110 057	0 001 110 107	0 001 125 022
0 001 109 014	0 001 110 007	0 001 110 059	0 001 110 110	0 001 125 021
0 001 109 015	0 001 110 008	0 001 110 061	0 001 110 112	0 001 125 501
0 001 109 018	0 001 110 011	0 001 110 063	0 001 110 113	0 001 125 503
0 001 109 023	0 001 110 013	0 001 110 065	0 001 110 115	0 001 125 504
0 001 109 025	0 001 110 015	0 001 110 067	0 001 110 120	0 001 125 507
0 001 109 028	0 001 110 018	0 001 110 070	0 001 110 122	0 001 125 508
0 001 109 029	0 001 110 019	0 001 110 071	0 001 110 124	0 001 125 512
0 001 109 031	0 001 110 022	0 001 110 073	0 001 115 001	0 001 125 513
0 001 109 033	0 001 110 024	0 001 110 075	0 001 115 002	0 001 125 517
0 001 109 034	0 001 110 026	0 001 110 077	0 001 124 004	0 001 125 602
0 001 109 035	0 001 110 028	0 001 110 079	0 001 124 015	F 010 AL0 101
0 001 109 040	0 001 110 029	0 001 110 080	0 001 125 001	
0 001 109 041	0 001 110 031	0 001 110 081	0 001 125 002	
0 001 109 042	0 001 110 033	0 001 110 083	0 001 125 005	
0 001 109 043	0 001 110 039	0 001 110 085	0 001 125 006	
	0 001 110 041	0 001 110 088	0 001 125 009	
	0 001 110 043	0 001 110 090	0 001 125 010	

Araç Modeli/Vehicle Model

PEUGEOT	PARTNER
CITROEN	JUMPER
VOLVO	
ALFA ROMEO	
BMW	5.40, 7.30i 7.35i, 7.40i
FIAT	DUNA
MERCEDES	VITO SPRINTER
VOLKSWAGEN	
RENAULT	MEGANE CLIO 1.9

BSX 159-160 CU

1 004 320 113-114



BS 159 CU

BS 160 CU

2-BS 159 CU
2-BS 160 CU

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

5x16x11,5/13

1 004 336 806	1 004 320 140	1 001 108 060	1 001 108 131
1 004 336 811	1 004 320 146	1 001 108 062	1 001 108 133
1 004 336 812	1 004 320 167	1 001 108 062	1 001 108 136
1 004 336 816	1 004 320 224	1 001 108 064	1 001 108 137
1 004 336 823	1 004 320 226	1 001 108 066	1 001 108 139
1 004 336 832	1 004 320 114	1 001 108 068	1 001 108 141
1 004 336 837	1 004 320 124	1 001 108 069	1 001 108 144
1 004 336 850	1 004 320 132	1 001 108 071	1 001 108 146
1 004 336 859	1 004 320 141	1 001 108 073	1 001 108 148
1 004 336 902	1 004 320 147	1 001 108 075	1 001 108 150
1 004 336 903	1 004 320 168	1 001 108 077	1 001 108 152
1 004 336 904	1 004 320 225	1 001 108 079	1 001 108 154
1 004 336 907	1 004 320 227	1 001 108 081	1 001 108 156
1 004 336 911	1 001 108 001	1 001 108 082	1 001 108 158
1 004 336 913	1 001 108 002	1 001 108 083	1 001 108 160
1 004 336 918	1 001 108 005	1 001 108 085	1 001 108 162
1 004 336 919	1 001 108 009	1 001 108 087	1 001 108 168
1 004 336 921	1 001 108 013	1 001 108 089	1 001 108 170
1 004 336 923	1 001 108 016	1 001 108 090	1 001 108 171
1 004 336 934	1 001 108 018	1 001 108 092	1 001 108 173
1 004 336 936	1 001 108 020	1 001 108 094	1 001 108 177
1 004 336 941	1 001 108 022	1 001 108 096	1 001 108 178
1 004 336 944	1 001 108 024	1 001 108 097	1 001 108 180
1 004 336 950	1 001 108 026	1 001 108 098	1 001 108 182
1 004 336 954	1 001 108 027	1 001 108 099	1 001 108 184
1 004 336 960	1 001 108 029	1 001 108 100	1 001 108 186
1 004 336 961	1 001 108 031	1 001 108 103	1 001 108 199
1 004 336 965	1 001 108 033	1 001 108 104	1 001 108 996
1 004 336 968	1 001 108 035	1 001 108 106	1 001 108 997
1 004 336 971	1 001 108 037	1 001 108 108	1 001 108 998
1 004 336 973	1 001 108 040	1 001 108 110	1 001 108 999
1 004 336 974	1 001 108 043	1 001 108 112	1 001 111 001
1 004 336 986	1 001 108 044	1 001 108 115	1 001 111 002
1 004 336 995	1 001 108 046	1 001 108 117	1 001 111 003
1 004 336 998	1 001 108 048	1 001 108 119	1 001 111 004
1 004 320 113	1 001 108 050	1 001 108 121	1 001 111 005
1 004 320 123	1 001 108 052	1 001 108 123	F 010 AL0 101
1 004 320 133	1 001 108 054	1 001 108 125	
	1 001 108 056	1 001 108 127	
	1 001 108 058	1 001 108 129	

BMW	
ALFA ROMEO	
MERCEDES	
FORD	ESCORT MONDEO TRANSIT 100
LADA	
OPEL	FRONTERA VECTRA A4, A6, A8
AUDI	
VOLVO	

Takım Sipariş Kodu / Set Order Code

 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 161-162 CU 1 004 320 118-119


BS 161 CU

BS 162 CU

2-BS 161 CU
2-BS 162 CU

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

5x12x11,6

0001 106 012	0001 107 029	0001 107 064	0001 121 002
0001 106 014	0001 107 031	0001 107 070	0001 121 003
0001 106 017	0001 107 032	0001 107 071	0001 121 006
0001 106 022	0001 107 034	0001 107 073	0001 121 007
0001 106 024	0001 107 037	0001 107 075	0001 121 008
0001 107 009	0001 107 039	0001 107 077	0001 121 009
0001 107 010	0001 107 040	0001 107 078	0001 121 016
0001 107 012	0001 107 043	0001 107 080	0001 121 017
0001 107 014	0001 107 045	0001 107 082	0001 121 019
0001 107 017	0001 107 048	0001 107 087	0001 121 022
0001 107 019	0001 107 052	0001 107 088	0001 121 023
0001 107 024	0001 107 054	0001 107 090	9 000 081 001
0001 107 025	0001 107 056	0001 107 094	9 000 081 004
0001 107 027	0001 107 058	0001 107 096	9 000 081 006
	0001 107 059	0001 107 098	9 000 081 007
	0001 107 062	0001 121 001	

AUDI	A4, A6
CITROEN	
FIAT	DUCATO
FORD	ESCORT
	MONDEO
OPEL	VECTRA
PEUGEOT	306, 406
	BOXER
	PARTNER
SEAT	CORDOBA
	IBIZA
	TOLEDO
SKODA	OCTAVIA
VOLKSWAGEN	POLO
	GOLF, JETTA

BSX 175-176 CU 1 004 320

 154,156,169,214
1 004 320
155,157,170,215


BSX 175

BSX 176

2-BS 175
2-BS 176

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

5x12x11,6

0001 106 011	0001 107 037	0001 107 068	0001 107 097
0001 106 014	0001 107 038	0001 107 069	0001 107 103
0001 106 015	0001 107 040	0001 107 073	0001 107 104
0001 106 016	0001 107 041	0001 107 074	0001 121 001
0001 107 009	0001 107 043	0001 107 075	0001 121 002
0001 107 012	0001 107 044	0001 107 076	6 004 AA0 003
0001 107 014	0001 107 045	0001 107 078	6 004 AA0 018
0001 107 015	0001 107 046	0001 107 079	9 000 081 004
0001 107 016	0001 107 047	0001 107 080	9 000 081 006
0001 107 017	0001 107 048	0001 107 082	9 000 081 007
0001 107 018	0001 107 049	0001 107 083	9 000 694 022
0001 107 019	0001 107 054	0001 107 085	9 000 694 035
0001 107 024	0001 107 055	0001 107 087	9 000 694 044
0001 107 025	0001 107 058	0001 107 088	9 007 045 009
0001 107 026	0001 107 059	0001 107 089	9 007 045 018
0001 107 027	0001 107 060	0001 107 090	9 007 045 020
0001 107 028	0001 107 061	0001 107 091	B 001 110 240
0001 107 029	0001 107 062	0001 107 092	
0001 107 030	0001 107 063	0001 107 093	
0001 107 033	0001 107 066	0001 107 094	
0001 107 034	0001 107 067	0001 107 095	

AUDI	A4 1.6L/1.8L 1994 - 2004 A6 1.8L 1998 - 2002 A6 2.0L 1994 - 1997 , 2000 - 2004
M.BENZ	200 2.0L KOMP. 2000 - 2003 C180 1.8L/2.0L 1993 - 2001 C200 2.0L 1994 - 2001 C230 2.3L 1995 - 2001 CLK 200 2.0L/2.0L KOMP. 1996-2001 E200 2.0L/2.0L KOMP. 1993- 2003 SLK200 2.0L/2.3L KOMP. 1996-2000
NISSAN	MICRA 1.3L 1992 - 2000
OPEL ASTRA	F 1.6L 1995 - 1998 VECTRA A 1.8L 1988 - 1995 VECTRA B 1.6L/2.0L 1995 - 2002
RENAULT	CLIO 1.2L 1990 - 1998 CLIO 1.4L 1990 - 2007 CLIO 1.6L 1998 - 2005 KANGOO 1.4L 1998 - 2008 LAGUNA 1.8L/2.0L 1994 - 2001 MEGANE 1.4L/1.6L/2.0L 1995 - 2003 R19 1.4L 1988 - 1995 R21 1.7L 1986 - 1994 SAAB 93 2.0T 1999 - 2003 95 2.0L 2001 - 2010 SMART FORTWO 0.8 CDI 2004 - 2014
TOYOTA	COROLLA 1.6L 1987 - 1992 COROLLA 1.6L 1995 - 1999 VW LUPO 1.4L 1999 - 2005
POLO	1.4/1.6L 1996 - 2001
PASSAT	1.6L/1.8L 1996 - 2003

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JSX 16 CU

411 44 32

**2-JS 16 CU**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8x17x19**

E84-08-1	632 207 24	632 208 03
E84-08-2	632 207 30	632 208 04
E84-08-3	632 207 31	632 208 06
E84-08-6	632 207 33	632 208 08
E84-08-8	632 207 35	632 208 30
632 207 00	632 207 40	632 208 32
632 207 03	632 207 41	632 208 33
632 207 05	632 207 43	632 208 34
632 207 06	632 207 44	632 208 36
632 207 20	632 207 46	632 209 31
632 207 21	632 208 00	632 209 32
632 207 23	632 208 01	632 209 40
	632 208 02	

MURAT 124**RENAULT****TOFAŞ**

DOĞAN

ŞAHİN

FIAT**RENAULT****SEAT**

TEMPRA 1.3

12

RONDA

JSX 21-22 CU

74 881 151

**JS 21 CU****JS 22 CU****1-JS 21 CU**
2-JS 22 CUGerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6x13x17,5**

E95-0	632 213 30
E95-9	632 213 32
E95-10	632 213 33
E95-11	632 213 34
E95-12	632 213 35
E95-1	632 213 38
E95-2	632 214 30
E95-3	632 214 31
E95-4	632 215 31
E95-5	632 215 32
E95-6	632 215 34
E95-7	632 215 35
E95-8	632 215 38
	632 216 33
	632 216 38

TOFAŞ**FIAT****FORD**

DOBLO

TAUNUS

SIERRA

CAPRI

TRANSIT

ANADOL**FORD****RENAULT****PEUGEOT****BMW**

TUZLA

JEEP

9-11

JSX 31-32 CU

7 489 438

**JS 32 CU****JS 31 CU****2-JS 31 CU**
1-JS 32 CUGerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8x19x18**

E95R-2	632 220 34
E95R-3	632 220 35
E95R-4	632 220 36
E95R-5	632 220 38
E95R-6	632 220 39
E95R-7	632 221 30
E95R-8	632 221 31
E95R-9	632 221 34
E95R-10	632 221 35
E95R-11	632 221 36
E95R-12	632 221 38
632 218 31	632 222 04
632 220 30	632 221 33
632 220 31	632 222 07

FIAT

CROMA

REGATA D

TDI

DUCATO

LANCIA**ALFA ROMEO****BMW**

TD

TD

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
JSX 35-36 CU
**83 221 191
83 221 201**

JS 35 CU
JS 36 CU
FI 5361CU

E80-0	E80-11
E80-1	E80-12
E80-2	633 228 31
E80-3	633 228 32
E80-4	633 228 33
E80-5	633 228 36
E80-6	633 228 37
E80-7	633 228 38
E80-8	633 230 31
E80-9	633 230 32
E80-10	633 230 33
	633 230 34
	633 230 35

**2-JS 35 CU
2-JS 36 CU**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x13x17,5

FIAT	UNO
	TIPO
	TEMPRA
TOFAŞ	DOĞAN
	KARTAL
	ŞAHİN
LANCIA	
RENAULT	12

JSX 35-37 CU
**83 221 241
83 220 991
83 223 991**
YENİ / NEW

JSX 37 CU
JSX 35 CU
2-JS 35 CU
1-JS 37 CU
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x13x17,5

E80E-1	
E80E-0	
E80E-2	
E80E-3	
E80E-4	
E80E-5	
E80E-6	
E80E-7	
E80E-8	
E80E-9	
E80E-10	
E80E-11	
E80E-12	
631 230 31	
631 230 32	
631 230 33	
631 230 34	

NISSAN PRIMERA 1.6
MASX 17-18 CU
72383701-02

MAS 17 CU
MAS 18 CU
**2-MAS 17 CU
2-MAS 18 CU**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
9x16x23

MT71A	632 171 01	632 171 47
MT71D	632 171 04	632 171 73
MT71E	632 171 05	632 171 82
MT71FA	632 171 06	632 174 01
MT71H	632 171 07	632 174 02
MT71L	632 171 08	632 174 03
MT71LA	632 171 10	632 174 04
MT71N	632 171 12	632 174 05
MT71R	632 171 16	
MT71S	632 171 17	
MT71T	632 171 18	
MT71U	632 171 19	
MT71V	632 171 20	
MT71Z	632 171 21	
	632 171 25	
	632 171 38	

FORD TRANSIT
MASX 23-24 CU
**721 647 01
721 658 01**

MAS 23
MAS 24
**2-MAS 23
2-MAS 24**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
10x25x23

MT 68 AD	
MT 68 LC	
MT 68 MC	
MT 68 PA	
MT 68 PB	
MT 68 RA	
MT 68 S	
MT 68 T	
632 168 17	
632 168 18	
632 168 31	
632 168 52	
632 168 61	
632 168 84	
632 168 96	

**CHRYSLER DODGE
DESOTO
FARGO
FIAT TRAKTÖR /
TRACTOR
FORD CARGO
GENOTO
BEDFORD
JOHN DEERE
LOMBARDINI
M. FERGUSON**

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

MASX 25-26 CU

721613/01-02



MAS 25 CU

MAS 26 CU

MA 52661CU

2-MAS 25 CU
2-MAS 26 CU

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

9x16x23

MT71AB	632 171 26
MT71DB	632 171 48
MT71FB	632 171 54
MT71GB	632 171 56
MT71HB	632 171 58
MT71RB	632 171 63
MT71SB	632 171 80
MT71LA	632 171 86
MT71TA	632 171 88
MT71UA	632 171 97
MT71VA	632 174 07
MT74AA	632 174 08
MT74BA	632 174 10
MT74DA	632 174 25
	632 174 33
	632 174 48

BMC
LEYLAND
FIAT

ALLIS
TRAKTÖR /
TRACTOR

FORD
GENOTO
OTOKAR
STEYA
UZEL
M. FERGUSON

TRANSIT
BEDFORD
DEUTZ

JASX 63-CU

28531-0380
28531-0480
28531-0490



4-JAS 63 CU

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x12x16

28142-25011
28142-25011
31231-679-004
28142-87502
31211-657-006
280004042
280004500
280004700
280000900

TOYOTA
HONDA
DAIHATSU

JASX 69-70 CU

M648 C121 70
M648 C137 70



2-JAS 69
2-JAS 70

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6,8x11,8x17,2

M2T 20181	M3T 27686H	M3T 33481	M3T 42681
M2T 20181D	M3T 27686N	M3T 33585	M3T 48181
M2T 30385	M3T 30081	M3T 33586	M3T 49381
M2T 30481	M3T 34082	M3T 33586A	M3T 49585
M2T 32281	M3T 36081	M3T 33586D	M3T 49781
M2T 32782D	M3T 38881	M3T 33587	JMTSX 100
M2T 37081	M3T 30082	M3T 33981	0222-24-753
M2T 41181	M3T 30088	M3T 33981H	N202-24-750
M2T 41182	M3T 30281	M3T 34081	M3T 38882
M2T 42381	M3T 30282	M3T 38882	MD602468
M2T 42481	M3T 30285	M3T 38882A	23378-N5911
M2T 42781	M3T 30286	M3T 38882B	23380-U0110
M2T 42981	M3T 30381	M3T 38882C	JMTSX 100
M2T 43081	M3T 30382	M3T 38885	31132-72031
M2T 44081	M3T 32591	M3T 38981	0222-24-750
M2T 48081	M3T 32593	M3T 39385	0426-24-753
M2T 49281	M3T 32681	M3T 39385	MD607420
M2T 49282	M3T 32782	M3T 39781	23380-B5010
M3T 21281D	M3T 32782D	M3T 41081	23380-E3010
M3T 21281	M3T 32985	M3T 41083	31132-72030
M3T 21282D	M3T 32986	M3T 41083	
M3T 22681	M3T 32988	M3T 41481	
M3T 27686D	M3T 33081	M3T 41881	

MITSUBISHI
CITROEN
MAZDA
NISSAN
PEUGEOT
SUZUKI

JASX 98-99 K CU

M648 C153 72
M648 C154 72



JAS 98/K CU

JAS 99/K CU

2-JAS 98/K CU
2-JAS 99/K CU

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6,8x18x18

M002T54271	M002T61171	M002T80582	M2T57371	M2T64871	MD162975
M002T54371	M002T61271	M002T90071	M2T57671	M2T65275	MD164975
M002T54471	M002T61771	M002T92071A	M2T57871A	M2T65671	MD164976
M002T54571	M002T62271	M002T92172A	M2T57872	M2T65871	MD164977
M002T54572	M002T62871	M002T957673	M2T57872B	M2T66872	MD164978
M002T54771	M002T62971	M2T54272	M2T57673C	M2T67871	MD177596
M002T54871	M002T63071	M2T54371	M2T57771	M2T67872	MD191433
M002T54881	M002T63171	M2T54372	M2T57773	M2T67873	MD191434
M002T54882	M002T63271	M2T54471	M2T57871	M2T67881	MD191435
M002T55871	M002T63272	M2T54472	M2T57881	M2T67882	MD191436
M002T56171	M002T64371	M2T54571	M2T60172	M2T67883	MD191437
M002T56181	M002T64871	M2T54572	M2T60185	M2T67981	ME001565
M002T56182	M002T65271	M2T54671	M2T60271	M2T69081	ME007655
M002T56185	M002T65272	M2T54871	M2T60671	M2T69171	ME017035
M002T56272	M002T65275	M2T54881	M2T61071	M2T69381	ME017036
M002T56471	M002T65275	M2T54882	M2T61072	M2T69382	ME017036
M002T56472	M002T66871	M2T55571	M2T61171	M2T74371	ME017061
M002T56475	M002T66872	M2T55871	M2T61271	M2T90071	ME017085
M002T56871	M002T66873	M2T56171	M2T61371	M2T92071A	ME017089
M002T57271	M002T67871	M2T56181	M2T61471	M2T92172A	ME017646
M002T57273	M002T67872	M2T56182	M2T61771	M2T92271A	
M002T57371	M002T67873	M2T56185	M2T61871	M2T92271B	
M002T57671	M002T67881	M2T56271	M2T61971	M2T92271C	
M002T57671A	M002T67882	M2T56272	M2T62271	M2T92271D	
M002T57672	M002T67883	M2T56471	M2T62971	M2T92271E	
M002T57673C	M002T67884	M2T56472	M2T63071	M2T92271F	
M002T57771	M002T67885	M2T56475	M2T63171	M2T92271G	
M002T57773	M002T69081	M2T56871	M2T63271	M2T92271H	
M002T57871	M002T69171	M2T56971	M2T63371	M2T92271I	
M002T57881	M002T69381	M2T57271	M2T63471	M2T92271J	
M002T61071	M002T74171	M2T57273	M2T64372	M2T92271K	
M002T61072				M2T92271L	

HYSTER FORKLIFT 1985 ->
HYUNDAI STAREX 2.5 D
1997 - 2005
H100 2.5D
1993 - 2002
BONGO K2500
2.5 TCI 2003
->
PREGIO 2.5
TCI 2002 -
2005
CANTER 35
2.5D 1986 -
1996
PAJERO 2.5
TD 1990 -
2000
L200 2.5 TD
1992 - 1996
L300 2.5D
1986 - 2000

KIA

MITSUBISHI

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
JASX 98-99 CU
ME 700 140

JASX 98 CU
JASX 99 CU
MI 8991CU

8599-24-750
MD618460
ME701188
23378-W3410
ME700127

**2-JAS 98 CU
2-JAS 99 CU**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
6,8x18x18
**MAZDA
MITSUBISHI
NISSAN**
JX 30-31 S CU
749 904 31

1-J 30-31 S CU

A12M-124-12-42	633 031 30	633 033 80	633 040 79
A12M-124-12-42B	633 031 40	633 033 91	633 040 81
A12M-124-12-42M	633 031 50	633 034 00	633 040 82
A12M-124-12-42X	633 031 91	633 034 09	633 040 83
A12M-124-12-47	633 032 00	633 034 20	633 040 87
A12M-124-12-57B	633 032 13	633 034 29	633 040 90
A12M-124-24-26	633 032 20	633 035 00	633 041 00
A12M-124-24-26D	633 032 22	633 035 20	633 041 20
A12M-124-24-26M	633 032 23	633 035 30	633 042 01
A124-28V-26A	633 032 40	633 035 50	633 042 21
633 030 00	633 032 80	633 035 70	633 042 31
633 030 01	633 032 82	633 040 03	633 048 00
633 030 30	633 032 90	633 040 20	633 048 30
633 030 41	633 033 20	633 040 23	633 048 40
633 030 61	633 033 31	633 040 40	633 048 70
633 031 20	633 033 50	633 040 50	633 048 80
	633 033 60	633 040 75	633 048 90

**Gerilim / Voltage
(Volt)**
12/24
**Ölçü / Dimension
(mm)**
8x5x16,5/14,5
**CHRYSLER
FIAT
FORD
OTOYOL
IVECO
RENAULT
M. FERGUSON
SEAT**
LAX 31-32 CU
54 219 368

LA 31
LA 32
**1-LA 31 CU
1-LA 32 CU**

15 ACR	23605	23687	23709	23845	23826	23891	23929	23967
16 ACR	23606	23690	23711	23847	23828	23893	23930	23968
17 ACR	23609	23691	23713	23849	23830	23895	23931	23972
18 ACR	23600	23693	23715	23851	23831	23897	23932	23973
23562	23600	23695	23717	23853	23833	23899	23933	23974
23563	23629	23697	23719	23855	23835	23900	23934	23980
23565	23630	23699	23721	23857	23837	23901	23935	23987
23566	23631	23666	23723	23859	23839	23902	23936	23988
23567	23632	23627	23725	23861	23841	23903	23937	23989
23568	23634	23626	23727	23863	23843	23904	23938	23990
23569	23635	23610	23729	23775	23845	23905	23939	23991
23570	23636	23611	23731	23777	23847	23906	23940	23992
23572	23638	23612	23734	23779	23849	23907	23941	23993
23573	23640	23613	23736	23781	23851	23908	23942	23994
23575	23642	23614	23738	23783	23853	23909	23943	23995
23576	23644	23615	23739	23785	23855	23910	23944	24012
23581	23646	23616	23741	23786	23857	23911	23945	24013
23582	23648	23617	23743	23793	23859	23912	23946	24014
23583	23650	23618	23745	23795	23861	23913	23947	24015
23584	23652	23619	23748	23797	23863	23914	23948	24016
23585	23654	23620	23750	23799	23865	23915	23949	24017
23589	23656	23622	23751	23800	23867	23916	23950	24018
23590	23658	23623	23753	23802	23869	23917	23951	24019
23591	23660	23624	23755	23804	23871	23918	23952	24022
23592	23662	23625	23757	23806	23872	23919	23953	24029
23593	23664	23700	23759	23808	23874	23920	23954	24030
23597	23668	23701	23761	23810	23876	23921	23955	24031
23598	23673	23702	23762	23812	23878	23922	23956	24032
23599	23674	23703	23764	23814	23880	23923	23957	24033
23600	23676	23704	23766	23816	23882	23924	23958	24044
23602	23678	23705	23768	23818	23884	23925	23961	24045
23603	23680	23706	23770	23820	23886	23926	23962	24048
23604	23682	23707	23771	23822	23888	23927	23963	24073
	23685	23708	23773	23824	23889	23928	23964	24103
								24108
								24139
								24140

**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
4,6x4,6x12,7
**FORD
BEDFORD
JAGUAR
ROVER**

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

LASX 15-27 CU

271 735 (TAB 120)



LAS 15

LAS 27

2-LAS 15
2-LAS 27

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7,9x19,05x22,2

25585 26143
25586 26143A
25586A 26143A/H
26072 26143B
26132 26143J/Q
26132A/F 26145
26132H 26145A/F
26132H/R 26145H/N
26132J/R 26146
26133 26146A/F
26133A/J 26146H/N
26133K/R 26147
26143

MASSEY FERGUSON
FORD
LEYLAND

PSX 133 CU

300 706Z
182 067
594 066



VA 1331 CU

1-PS 133 A
1-PS 133 B

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

13,9/6,9x12x15

101589 D9E38 D9E701
D9E101 D9E39 D9E76
D9E108 D9E48 D9E761
D9E123 D9E56 D9E78
D9E132 D9E57 D9E81
D9E136 D9E61 D9E83
D9E137 D9E64 D9E861
D9E237 D9E66 D9E92
D9E276 D9E68 D9E93
D9E278 D9E69
D9E36 D9E70

RENAULT 9 GTC, GTE
BROADWAY

PSX 142-144 CU

187 778
187 779



VA 1441 CU
VA 1442 CU
VA 1443 CU
VA 1444 CU

2-PS 142
2-PS 144

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x14x13,7

D7RS131 D7R23 D7R64 188839 D7R3 D7RP204
D7RS31 D7R24 D7R7 438189 D7R32 D7RP82
D7RS30 D7R25 D7R8 458237 D7R33 D8R1
D7RS130 D7R26 D7RP123 D7G20 D7R34 D8R27
594780 D7R27 D7RP204 D7G26 D7R35 D8R28
1250128 D7R28 D7RP82 D7R1 D7R4 D8R29
1250449 D7R281 D8R1 D7R11 D7R40 TM000A34101
188839 D7R3 D8R27 D7R12 D7R40 TM000A36101
438189 D7R32 D8R28 D7R127 D7R42 TM000A36101
458237 D7R33 D8R29 D7R13 D7R43 TS18E33
D7G20 D7R34 TM000A34101 D7R15 D7R44 TS22E26
D7G26 D7R35 TM000A36101 D7R151 D7R45 TS22E5
D7R1 D7R4 TS18E33 D7R16 D7R46 TS22E5B
D7R11 D7R40 TS22E26 D7R17 D7R47 TS22E8
D7R12 D7R42 TS22E5 D7R18 D7R48 TS22E9
D7R127 D7R43 TS22E5B D7R19 D7R49 TS24E6
D7R13 D7R44 TS22E8 D7R2 D7R5
D7R15 D7R45 TS22E9 D7R20 D7R5
D7R151 D7R46 TS24E6 D7R22 D7R53
D7R16 D7R47 D7RS131 D7R23 D7R56
D7R17 D7R48 D7RS31 D7R24 D7R61
D7R18 D7R49 D7RS30 D7R25 D7R64
D7R19 D7R5 D7RS130 D7R26 D7R7
D7R2 D7R53 594780 D7R27 D7R7
D7R20 D7R56 1250128 D7R28 D7R8
D7R22 D7R61 1250449 D7R281 D7RP123

RENAULT 9 GTC, GTE
BROADWAY

PSX 148-149 CU

594 060
594 070



PS 148

PS 149

VA 1480
VA 1491

1-PS 148
1-PS 149

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4,5/9x11x18

182551
183199
184413
185874
182505
183212
184471
185310
184470

PEUGEOT KARSAN
BOXER
PARTNER
RENAULT MEGANE
CABRIOLET
SCENIC
COUPE

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli / Vehicle Model
BSX 134
2 007 014 062

BS 134 A
BS 134 B
**2-BS 134 A
2-BS 134 B**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
10x25x20
**IHC PICK-UP 1230
MERCEDES
FORD**
BSX 135
2 007 014 063

BS 135 A
BS 135 B
**2-BS 135 A
2-BS 135 B**
**Gerilim / Voltage
(Volt)**
24
**Ölçü / Dimension
(mm)**
8x25x20
MERCEDES 302
FI 011-012
5 811 160 260

**2- FI 011
2- FI 012**
**Gerilim / Voltage
(Volt)**
24
**Ölçü / Dimension
(mm)**
9x19x20
C 240
**ISUZU ELF 250
 MICRO BUS**
TOYOTA LC

4-TOYOTA LC
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
6,8x16,5x15
**0603-23-643
E64457044M
23380-10611
23380-21010**
**MAZDA FAMILIA
 SUNNY

DATSUN
MITSUBISHI
NISSAN
TOYOTA LAND CRUISER**

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli / Vehicle Model

FI 28

1 811 260 350



4- FI 28

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

9x30x27

6QA1
6RA1
8PBI
10PAI
12PAI
UMDH100M
UM10PBIISUZU V8-V10
KAMYON / TRUCK
OTOBÜS / BUS**K-003**A648 D027 70
A648 D030 70
A990 D030 70

2-K 003

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

5x8x21,5/23

FE2H-18-W77
JE15-18-W77
MD611689
23135-59E10
23135-64J12
23135-V5511
A4TKIA SEPHIA
CAPITAL
BESTA
MAZDA
MITSUBISHI
NISSAN
RENAULT**K-004**A648 C029 70
A648 D025 70
A648 D025 71

2-K 004

Gerilim / Voltage
(Volt)

12/24

Ölçü / Dimension
(mm)

5x8x15,5/18

B675-18-W77
FE65-24-522
F811-18-W77
MD611035
MD611566
23135-13E10
49574-6404KIA KAMYON / TRUCK
MAZDA
MITSUBISHI
NISSAN
SUBARU**MEGA 212**

150110008



2-MEGA 212

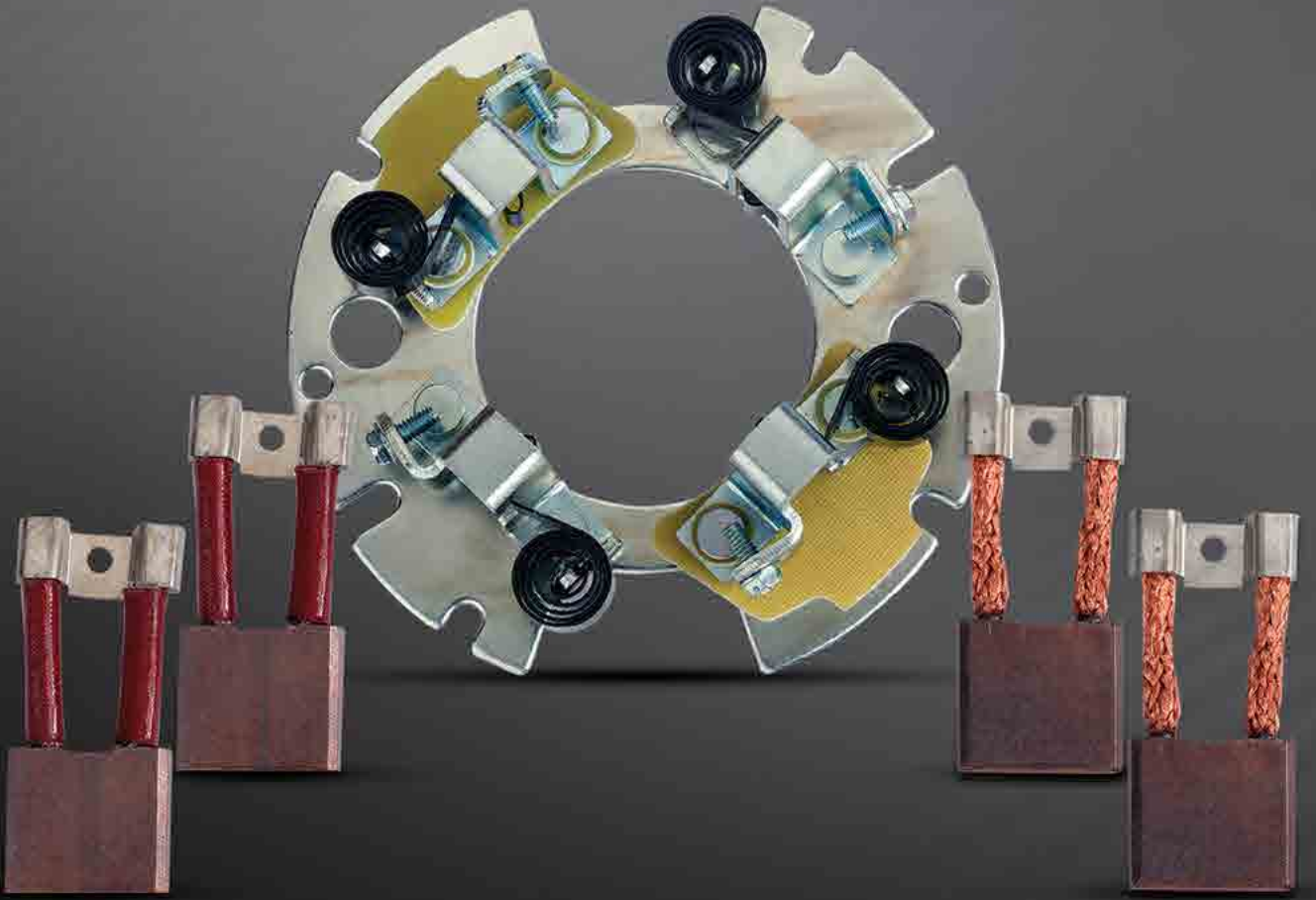
Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

5x4x8

BAŞKURT
RENAULT MEGANE KOLTUK
KÖMÜRÜ
MEGANE SEAT
BRUSH



ÇAPRAZ KARŞILAŞTIRMA LİSTESİ

CROSS REFERENCE LIST

KÖMÜR YUVALARI / BRUSH HOLDERS

BOSCH	MEGA	SAYFA NO
1 004 336 025	BO 0751	8
1 004 336 028	BO 1441	11
1 004 336 029	BO 0751	8
1 004 336 055	BO 0751	8
1 004 336 100	BO 1401	10
1 004 336 101	BO 1401	10
1 004 336 102	BO 1491	12
1 004 336 107	BO 1401	10
1 004 336 108	BO 1401	10
1 004 336 138	BO 1603	16
1 004 336 139	BO 1584	13
1 004 336 155	BO 1584	13
1 004 336 156	BO 1584	13
1 004 336 218	BO 1511	12
1 004 336 233	BO 1586	14
1 004 336 239	BO 1763	19
1 004 336 362	BO 1602	15
1 004 336 402	BO 1584	13
1 004 336 404	BO 1585	14
1 004 336 407	BO 1585	14
1 004 336 411	BO 1603	16
1 004 336 413	BO 1585	14
1 004 336 415	BO 1763	20
1 004 336 417	BO 1762	20
1 004 336 421	BO 1763	20
1 004 336 426	BO 1602	15
1 004 336 428	BO 1763	19
1 004 336 432	BO 1763	19
1 004 336 433	BO 1621	16
1 004 336 434	BO 1603	16
1 004 336 446	BO 1584	13
1 004 336 455	BO 1584	13
1 004 336 456	BO 1586	14
1 004 336 459	BO 1584	13
1 004 336 460	BO 1585	14
1 004 336 462	BO 1763	20
1 004 336 463	BO 1586	14
1 004 336 466	BO 1584	13
1 004 336 502	BO 1851	21
1 004 336 505	BO 1851	21
1 004 336 506	BO 2051	26
1 004 336 510	BO 1851	21
1 004 336 513	BO 2151	28
1 004 336 515	BO 2154	29
1 004 336 515	BO 2154	29
1 004 336 516	BO 2011	24
1 004 336 518	BO 2013	25
1 004 336 520	BO 2152	28
1 004 336 521	BO 2132	28

BOSCH	MEGA	SAYFA NO
1 004 336 522	BO 2151	28
1 004 336 523	BO 2155	29
1 004 336 523	BO 2155	29
1 004 336 525	BO 1851	21
1 004 336 526	BO 1851	21
1 004 336 527	BO 2111	27
1 004 336 529	BO 2192	30
1 004 336 534	BO 1851	21
1 004 336 536	BO 2131	27
1 004 336 536	BO 2131	27
1 004 336 542	BO 1851	21
1 004 336 547	BO 1851	21
1 004 336 549	BO 2211	30
1 004 336 549	BO 2211	30
1 004 336 553	BO 2151	28
1 004 336 554	BO 2154	29
1 004 336 554	BO 2154	29
1 004 336 555	BO 2011	24
1 004 336 557	BO 2152	28
1 004 336 558	BO 2155	29
1 004 336 558	BO 2155	29
1 004 336 565	BO 2111	27
1 004 336 568	BO 2132	28
1 004 336 577	BO 2191	29
1 004 336 584	BO 2151	28
1 004 336 587	BO 2192	30
1 004 336 591	BO 2151	28
1 004 336 593	BO 1851	21
1 004 336 600	BO 1851	21
1 004 336 608	BO 1851	21
1 004 336 609	BO 2301	31
1 004 336 612	BO 2281	31
1 004 336 614	BO 2302	32
1 004 336 619	BO 2211	30
1 004 336 619	BO 2211	30
1 004 336 620	BO 1584	13
1 004 336 622	BO 2011	24
1 004 336 630	BO 1851	21
1 004 336 632	BO 1851	21
1 004 336 636	BO 1851	21
1 004 336 639	BO 2212	30
1 004 336 645	BO 2301	31
1 004 336 648	BO 2302	32
1 004 336 649	BO 2281	31
1 004 336 650	BO 2152	28
1 004 336 653	BO 2155	29
1 004 336 653	BO 2155	29
1 004 336 661	BO 2154	29
1 004 336 661	BO 2154	29

BOSCH	MEGA	SAYFA NO
1 004 336 663	BO 2151	28
1 004 336 669	BO 2153	28
1 004 336 677	BO 2151	28
1 004 336 678	BO 2151	28
1 004 336 681	BO 2351	32
1 004 336 695	BO 2331	32
1 004 336 697	BO 2431	33
1 004 336 699	BO 2432	33
1 004 336 699	BO 2432	33
1 004 336 700	BO 2155	29
1 004 336 700	BO 2155	29
1 004 336 702	BO 1851	21
1 004 336 703	BO 1851	21
1 004 336 704	BO 2111	27
1 004 336 711	BO 1851	21
1 004 336 712	BO 2131	27
1 004 336 712	BO 2131	27
1 004 336 718	BO 1851	21
1 004 336 723	BO 1851	21
1 004 336 727	BO 2131	27
1 004 336 727	BO 2131	27
1 004 336 732	BO 1584	13
1 004 336 734	BO 1585	14
1 004 336 740	BO 1603	16
1 004 336 744	BO 1763	20
1 004 336 746	BO 1762	20
1 004 336 750	BO 2211	30
1 004 336 750	BO 2211	30
1 004 336 753	BO 1621	16
1 004 336 754	BO 2151	28
1 004 336 755	BO 2154	29
1 004 336 756	BO 2011	24
1 004 336 758	BO 2152	28
1 004 336 759	BO 2155	29
1 004 336 759	BO 2155	29
1 004 336 764	BO 1585	14
1 004 336 769	BO 2111	27
1 004 336 770	BO 2131	27
1 004 336 770	BO 2131	27
1 004 336 772	BO 1602	15
1 004 336 773	BO 2132	28
1 004 336 786	BO 2191	29
1 004 336 792	BO 2151	29
1 004 336 795	BO 2192	30
1 004 336 797	BO 2192	30
1 004 336 798	BO 2151	29
1 004 336 800	BO 1584	13
1 004 336 801	BO 1763	20
1 004 336 807	BO 1585	14

KÖMÜR YUVALARI / BRUSH HOLDERS

BOSCH	MEGA	SAYFA NO
1 004 336 809	BO 1763	20
1 004 336 810	BO 1762	20
1 004 336 811	BO 1602	15
1 004 336 813	BO 1763	20
1 004 336 814	BO 1763	20
1 004 336 819	BO 1585	14
1 004 336 820	BO 1763	20
1 004 336 821	BO 1762	20
1 004 336 827	BO 1763	20
1 004 336 831	BO 1762	20
1 004 336 835	BO 1586	14
1 004 336 842	BO 1763	20
1 004 336 845	BO 1585	14
1 004 336 847	BO 1584	13
1 004 336 866	BO 1851	21
1 004 336 876	BO 2151	28
1 004 336 878	BO 2211	30
1 004 336 878	BO 2211	30
1 004 336 879	BO 2051	26
1 004 336 888	BO 2131	27
1 004 336 888	BO 2131	27
1 004 336 890	BO 2151	28
1 004 336 892	BO 2154	29
1 004 336 893	BO 2011	30
1 004 336 894	BO 2013	25
1 004 336 896	BO 2051	26
1 004 336 897	BO 2152	28
1 004 336 898	BO 2132	28
1 004 336 899	BO 2151	26
1 004 336 900	BO 1401	10
1 004 336 901	BO 1491	12
1 004 336 906	BO 1584	13
1 004 336 908	BO 1586	14
1 004 336 909	BO 1585	14
1 004 336 911	BO 1602	15
1 004 336 914	BO 1584	13
1 004 336 915	BO 1621	16
1 004 336 916	BO 1621	16
1 004 336 923	BO 1602	15
1 004 336 925	BO 1585	14
1 004 336 926	BO 1584	13
1 004 336 931	BO 1585	14
1 004 336 933	BO 1584	13
1 004 336 937	BO 1762	20
1 004 336 938	BO 1621	16
1 004 336 942	BO 1585	14
1 004 336 946	BO 1586	14
1 004 336 947	BO 1584	13
1 004 336 948	BO 1586	14

BOSCH	MEGA	SAYFA NO
1 004 336 949	BO 1585	14
1 004 336 951	BO 1762	20
1 004 336 952	BO 1621	16
1 004 336 953	BO 1621	16
1 004 336 955	BO 1585	14
1 004 336 957	BO 1763	20
1 004 336 958	BO 1584	13
1 004 336 963	BO 1621	16
1 004 336 964	BO 1763	20
1 004 336 967	BO 1621	16
1 004 336 970	BO 1763	20
1 004 336 975	BO 1763	20
1 004 336 975	BO 1762	20
1 004 336 976	BO 1585	14
1 004 336 978	BO 2192	30
1 004 336 980	BO 1603	16
1 004 336 981	BO 1585	14
1 004 336 983	BO 1584	13
1 004 336 984	BO 1585	14
1 004 336 989	BO 1763	20
1 004 336 991	BO 1584	13
1 004 336 994	BO 1585	14
1 004 336 997	BO 1585	14
1 004 336 999	BO 1585	14
1 004 337 002	BO 2282	31
1 004 337 006	BO 2441	34
1 004 337 012	BO 2303	32
1 004 337 050	BO 2433	33
1 004 337 050	BO 2433	33
1 004 337 140	BO 2111	27
1 004 337 149	BO 2431	33
1 004 337 154	BO 2302	32
1 004 337 158	BO 2431	33
1 004 337 161	BO 2441	34
1 004 366 571	BO 2152	28
1 007 010 124	BO 2012	24
1 007 010 124	BO 2211	30
1 007 010 124	BO 2211	30
1 007 010 135	BO 2012	24
1 007 010 135	BO 2211	30
1 007 010 135	BO 2211	30
1 007 336 957	BO 1763	20
1 104 336 702	BO 1851	21
2 001 329 901	BO 1021	10
2 004 004 093	BO 1011	9
2 004 336 010	BO 1021	10
2 004 336 021	BO 1021	10
2 004 336 027	BO 1011	9
2 004 336 028	BO 1441	11

BOSCH	MEGA	SAYFA NO
2 004 336 031	BO 1451	11
2 004 336 039	BO 1441	11
2 004 336 040	BO 1451	11
2 004 336 041	BO 1431	10
2 004 336 044	BO 1441	11
2 004 336 066	BO 1711	18
2 004 336 067	BO 1441	11
2 004 336 078	BO 1771	21
2 004 336 079	BO 1971	24
2 004 336 085	BO 1712	19
2 004 336 086	BO 1711	18
2 004 336 087	BO 1712	19
2 004 336 215	BO 1762	20
2 004 336 217	BO 1603	16
2 004 336 219	BO 1602	15
2 004 336 233	BO 1585	14
2 004 336 237	BO 1585	14
2 004 336 238	BO 1585	14
2 004 336 244	BO 1585	14
2 004 336 245	BO 1586	14
2 004 336 245	BO 1585	14
2 009 994 113	BO 1451	11
6 033 AD0 014	BO 1931	22
6 033 AD0 130	BO 1911	22
6 033 AD0 156	BO 1911	22
6 033 AD0 159	BO 1931	22
6 033 AD0 160	BO 1931	22
6 033 AD0 166	BO 1951	23
6 033 AD0 221	BO 1931	22
6 033 AD0 368	BO 1931	22
6 033 AD0 370	BO 1951	23
6 033 AD0 374	BO 1951	23
6 033 AD0 380	BO 1911	22
6 033 AD0 401	BO 1931	22
6 033 AD0 404	BO 1931	22
6 033 AD0 407	BO 1931	22
6 033 AD0 471	BO 1911	22
6 033 AD1 155	BO 1931	22
6 033 AD1 244	BO 1931	22
6 033 AD1 250	BO 1931	22
6 033 AD1 252	BO 1931	22
6 033 AD1 294	BO 1931	22
6 033 AD1 311	BO 1931	22
6 033 AD1 349	BO 1931	22
6 033 AD1 350	BO 1931	22
6 033 AD3 022	BO 1951	23
6 033 AD3 042	BO 1951	23
6 033 AD3 058	BO 1951	23
6 033 AD4 016	BO 2171	29

KÖMÜR YUVALARI / BRUSH HOLDERS

BOSCH	MEGA	SAYFA NO
6 033 AD4 026	BO 1911	22
6 033 AD4 161	BO 1911	22
6 033 AD4 180	BO 1911	22
6 033 AD4 194	BO 2171	29
6 033 AD5 128	BO 2171	29
6 033 AD5 179	BO 2171	29
6 033 AD5 316	BO 2171	29
6 033 AD5 320	BO 2171	29
9 003 334 314	BO 1511	12
9 003 334 363	BO 1911	22
9 003 334 368	BO 1951	23
F 000 AL1 055	BO 1621	16
F 000 AL1 326	BO 1621	16
F 000 AL1 483	BO 1621	16
1 004 339 000	BO 0251	8
1 004 339 020	BO 0251	8
2 004 336 091	BO 2031	25
6 033 AD6 098	BO 2031	25
2 004 336 092	BO 2032	25
2 004 336 111	BO 2032	25
6 033 AD0 384	BO 2032	25
6 033 AD6 004	BO 2032	25
2 004 336 090	BO 2231	30
2 004 336 094	BO 2231	30
2 004 336 096	BO 2231	30
2 004 336 097	BO 2231	30
1 004 337 073	BO 2471	35
1 004 337 072	BO 2472	35
1 004 337 181	BO 2442	34
1 004 338 138	BO 2534	36
1 004 338 139	BO 2534	36
1 004 338 141	BO 2534	36
1 004 338 142	BO 2534	36
1 004 338 149	BO 2534	36
1 004 338 156	BO 2534	36
1 004 338 195	BO 2534	36
1 004 338 196	BO 2534	36
1 004 338 198	BO 2534	36
1 004 338 200	BO 2534	36
1 004 337 146	BO 2454	35
1 004 338 138	BO 2531	36
1 004 338 139	BO 2531	36
1 004 338 141	BO 2531	36
1 004 338 142	BO 2531	36
1 004 338 149	BO 2531	36
1 004 338 156	BO 2531	36
1 004 338 195	BO 2531	36
1 004 338 196	BO 2531	36
1 004 338 198	BO 2531	36

BOSCH	MEGA	SAYFA NO
1 004 338 200	BO 2531	36
1 004 338 138	BO 2532	36
1 004 338 139	BO 2532	36
1 004 338 141	BO 2532	36
1 004 338 142	BO 2532	36
1 004 338 149	BO 2532	36
1 004 338 156	BO 2532	36
1 004 338 195	BO 2532	36
1 004 338 196	BO 2532	36
1 004 338 198	BO 2532	36
1 004 338 200	BO 2532	36

CARGO	MEGA	SAYFA NO
130685	BO 0751	8
131169	LU 0361	51
131185	BO 1451	11
131352	DR 1341	38
132090	HI 0811	47
132303	BO 1441	11
132306	BO 1431	10
132475	MI 8991	61
132559	ND 0851	65
132812	VA 1290	70
132873	ND 7781	69
132874	ND 0881	66
132995	VA 1330	70
133338	MI 1711	57
133341	MI 0411	54
133342	MI 2431	57
133647	VA 1480	73
133673	ND 0353	97
133730	HI 4751	48
134025	BO 1021	10
134041	MA 3241	53
134103	BO 1401	10
134104	BO 1491	12
134659	BO 1584	13
134660	BO 1585	14
134661	BO 1511	12
134670	MA 1221	53
134842	DR 4581	42
134853	LU 0751	52
134868	BO 1621	16
135015	BO 1762	20
135235	BO 1602	15
135242	MA 7281	53
135467	MI 2832	59
135565	FI 3341	44
135604	MA 5261	53

CARGO	MEGA	SAYFA NO
135720	DR 1351	40
135822	LU 5161	52
136103	ND 0521	64
136204	FI 5361	44
136418	BO 1621	16
136557	BO 1763	20
136635	FO 0721	45
136763	VA 1442	71
137053	DR 1411	96
137121	HI 4551	47
137703	BO 1586	14
137929	MI 4283	60
138319	BO 1711	18
138672	ND 0111	62
138963	MI 1701	56
139150	ND 0791	64
139224	VA 1551	74
139627	FI 3541	44
139698	BO 1911	22
139822	MI 1702	57
140602	MI 1391	56
230396	DR 9121	43
230741	FO 0751	46
230843	BO 1771	21
231084	BO 1712	19
231648	BO 1931	22
232700	BO 1851	21
233637	HI 4752	48
234062	FO 0731	45
234119	VA 1641	75
234126	BO 1851	21
234475	BO 1603	15
234788	BO 1711	16
234896	BO 2211	30
234947	BO 1951	23
235072	BO 2441	34
235214	MI 4281	60
235401	BO 2151	28
235529	BO 2153	28
235531	BO 2051	26
235588	ND 0352	97
235607	ND 0351	96
235724	BO 1621	16
235742	BO 2012	24
235745	BO 2171	29
235883	BO 1931	22
236273	VA 1641	75
236352	BO 2152	28
236441	MI 1041	55

KÖMÜR YUVALARI / BRUSH HOLDERS

CARGO	MEGA	SAYFA NO
236867	BO 2111	27
237366	BO 2131	27
237540	ND 1061	68
237670	BO 2013	25
237859	MI 4282	60
237885	FI 2731	43
238956	FO 0681	96
239731	VA 1642	76
330495	BO 2301	31
331960	ND 0151	63
331995	BO 2281	31
332070	BO 2152	28
332665	ND 1061	68
333093	BO 2191	29
333123	BO 2155	29
333123	BO 2155	29
333124	BO 2303	32
333286	BO 1763	20
333287	BO 1762	20
333290	BO 1621	16
333293	BO 1451	11
333304	BO 2151	28
333317	VA 1672	76
333356	BO 2331	32
333422	DR 9141	43
333574	BO 1951	23
333595	BO 1584	13
333636	MI 0411	54
333641	BO 1585	14
333647	HI 4551	47
333651	FO 0751	46
333656	MI 4281	60
333667	VA 1441	71
335007	ND 0521	64
RES6155	DR 9141	43
239116	BO 2031	25
335788	BO 2534	36
337346	BO 2534	36
335788	BO 2531	36
337346	BO 2531	36
335788	BO 2532	36
337346	BO 2532	36
138672	ND 0112	62
776331	ND 0221	63
237540	ND 1161	68
332665	ND 1161	68
138963	MI 1701 CU	88
134041	MA 3241 CU	87
136204	FI 5371 CU	85

CARGO	MEGA	SAYFA NO
136204	FI 5371	45
134681	MA 3241 CU	87

LETRIKA	MEGA	SAYFA NO
16.908.336	LE 0336	49
16.908.752	LE 0752	49
16.908.994	LE 0994	50
72739813	LE 0336	49
72739960	LE 0994	50
MSX1225	LE 0336	49
MSX1262	LE 0994	50

LUCAS	MEGA	SAYFA NO
54245374	LU 0361	51
54266043	LU 5161	52
54290531	LU 5162	51
54290789	LU 0751	52
54290790	LU 0751	52
54291125	LU 0751	52
54292603	LU 0751	52
54245374010	LU 0361	51
54266043010	LU 5161	52
54291125010	LU 0751	52
54292603010	LU 0751	52
SSP0004	LU 0361	51
SSP005	LU 5161	52
TAB102	LU 5161	52
TAB104	LU 0361	51
TAT200	LU 5162	51

DELCO REMY	MEGA	SAYFA NO
1988121	DR 1341	38
1988122	DR 1341	38
1988439	DR 1342	39
10456456	DR 4581	42
10456456	DR 4201	42
10468705	DR 1351	40
10468706	DR 1351	40
10469238	DR 1352	40
10470140	DR 1351	40
10475107	DR 9141	43
10475602	DR 9121	43
10475602	DR 9121	43
10475746	DR 1411	96
10483823	DR 4581	42
10510129	DR 1413	41
10527543	DR 1741	41

NIPPON DENSO	MEGA	SAYFA NO
021620-2530	ND 0353	97
021620-2720	ND 0353	97
021620-3001	ND 0352	97
021620-3020	ND 0351	96
028510-0500	ND 0881	66
028510-0640	ND 7781	69
028510-0750	ND 0841	65
028510-0840	ND 7781	69
028510-0880	ND 0111	62
028510-5190	ND 0521	64
028510-5320	ND 0841	65
028510-5350	ND 0841	65
028510-5390	ND 0881	66
028510-5500	ND 7781	69
028510-5510	ND 0841	65
028510-5660	ND 0841	65
028510-5800	ND 0791	64
028510-6020	ND 0791	64
028510-7620	ND 1061	68
028514-5020	MI 1391	56
128099-6312	ND 1061	68
028510-0880	ND 0112	62
028510-7620	ND 1161	68
128099-6312	ND 1161	68
028510-0500	ND 0882	67
028510-5390	ND 0882	67

HITACHI	MEGA	SAYFA NO
2114-23106	HI 4551	47
2114-29007	HI 0811	47
2114-39001	HI 0811	47
2114-4311	HI 0811	47
2114-49007	HI 0811	47
2114-53104	HI 4551	47
2114-53105	HI 4551	47
2114-63104	HI 4551	47
2114-69008	HI 0811	47
2114-73105	HI 4551	47
2114-79001	HI 0811	47
2114-89007	HI 0811	47
2130-13022	HI 4751	48
2130-1306	HI 4751	48
2130-2306	HI 4751	48
2130-53021	HI 4751	48
2130-53022	HI 4751	48
2130-63022	HI 4751	48
2130-73021	HI 4751	48
2130-73022	HI 4751	48
2130-93021	HI 4751	48

KÖMÜR YUVALARI / BRUSH HOLDERS

HITACHI	MEGA	SAYFA NO
2130-9305	HI 4751	48
2240-1310	HI 4751	48
2240-2310	HI 4751	48
2240-3310	HI 4751	48
2240-4310	HI 4752	48
2250-7310	HI 6371	48

FORD	MEGA	SAYFA NO
E90Z11061A	FO 0721	45
E90Z11061B	FO 0721	45
E90Z11061C	FO 0721	45
E90Z11061A	FO 0721	45
E90Z11061B	FO 0721	45
E90Z11061C	FO 0721	45
F3RZ11061A	FO 0721	45
F7RU11434-BA	FO 0751	46
SB331	FO 0721	45
SB335	FO 0721	45
SB337	FO 0721	45
SB348	FO 0721	45
SB353	FO 0721	45
SB356	FO 0721	45

IKA/GEBE	MEGA	SAYFA NO
7 5001 0	HP 0011	77
7 5002 0	HP 0010	77
7 7119 1	BO 1441	11
7 7121 1	BO 1401	10
7 7122 1	BO 1491	12
7 7124 1	BO 1603	16
7 7125 1	BO 1621	16
7 7126 1	BO 1762	20
7 7127 1	BO 1584	13
7 7128 1	BO 1602	15
7 7129 1	BO 1585	14
7 7130 1	BO 1511	12
7 7134 1	BO 1851	21
7 7135 1	BO 2012	24
7 7136 1	BO 1771	21
7 7140 1	HI 4551	47
7 7141 1	HI 0811	47
7 7142 1	HI 4751	48
7 7146 1	VA 1642	76
7 7147 1	VA 1641	75
7 7152 1	VA 1290	70
7 7153 1	VA 1330	70
7 7157 1	VA 1441	71
7 7164 1	DR 1411	76
7 7169 1	DR 9121	43

IKA/GEBE	MEGA	SAYFA NO
7 7171 1	ND 7781	69
7 7172 1	ND 0881	66
7 7179 1	ND 0111	62
7 7181 1	ND 0521	64
7 7185 1	MI 1711	57
7 7187 1	MI 0411	54
7 7188 1	MI 2431	57
7 7191 1	FI 3541	44
7 7192 1	FI 5361	44
7 7193 1	FI 3341	44
7 7201 1	BO 1971	24
7 7202 1	BO 2051	26
7 7203 1	BO 2211	30
7 7204 1	BO 2011	30
7 7208 1	BO 1931	22
7 7210 1	BO 1951	23
7 7211 1	FO 0721	45
7 7215 1	FO 0731	45
7 7224 1	BO 2132	28
7 7227 1	BO 2155	29
7 7227 1	BO 2155	29
7 7230 1	BO 1451	11
7 7234 1	BO 1851	21
7 7241 1	BO 2171	29
7 7241 1	BO 1911	22
7 7261 1	FO 0751	46
7 7264 1	DR 9141	43
7 7275 1	MI 4281	60
7 7282 1	BO 1763	20
7 7288 1	BO 2013	25
7 7290 1	BO 2152	28
7 7291 1	BO 2301	31
7 7292 1	BO 2302	32
7 7293 1	BO 2131	27
7 7314 1	BO 0751	8
7 7337 1	BO 1712	19
7 7338 1	BO 1711	18
7 7368 1	DR 1341	38
7 7370 1	ND 0851	65
7 7374 1	MI 1701	56
7 7375 1	DR 1351	40
7 7377 1	FI 2731	43
7 7378 1	DR 4581	42
7 7383 1	MI 2831	58
7 7386 1	MI 6971	61
7 7395 1	MA 5261	53
7 7396 1	MA 7281	53
7 7397 1	MA 3241	53
7 7398 1	MA 1221	53

IKA/GEBE	MEGA	SAYFA NO
7 7468 1	DR 1342	39
7 7475 1	DR 1352	40
7 7478 1	DR 4201	42
7 7504 1	BO 2151	23
7 7506 1	BO 2153	28
7 7511 1	BO 2192	30
7 7519 1	BO 2191	29
7 7526 1	MI 4283	60
7 7527 1	MI 1702	57
7 7529 1	BO 2281	31
7 7536 1	BO 2331	32
7 7537 1	BO 2441	34
7 7538 1	BO 2351	32
7 7540 1	BO 2303	32
7 7542 1	BO 2111	27
7 7544 1	BO 2282	31
7 7546 1	BO 2433	33
7 7553 1	BO 2431	33
7 7601 1	VA 1672	76
7 7604 1	VA 1671	76
7 7605 1	FO 0681	96
7 7606 1	ND 1061	67
7 7607 1	ND 0351	96
7 7628 1	MI 4282	60
7 7630 1	ND 0151	63
7 7802 1	BO 1763	20
7 7245 1	BO 2031	25
7 7246 1	BO 2032	25
7 724 41	BO 2231	30
7 750 31	BO 2231	30
7 753 31	BO 2231	30
7 7570 1	BO 2471	35
7 7574 1	BO 2472	35
7 7571 1	BO 2442	34
7 7573 1	BO 2534	36
7 7577 1	BO 2454	35
7 7573 1	BO 2531	36
7 7573 1	BO 2532	36
7 7633 1	ND 0221	63
7 7397 1	MA 3241 CU	87
7 7192 1	FI 5371 CU	85
7 7192 1	FI 5371	45

M. MARELLI/MAKO	MEGA	SAYFA NO
8190402	MA 7281	53
72164101	MA 5261	53
72164102	MA 7281	53
72164701	MA 3241	53
72165001	MA 1221	53

KÖMÜR YUVALARI / BRUSH HOLDERS

M. MARELLI/MAKO	MEGA	SAYFA NO
72317031	FI 2731	43
72362701	MA 3241	53
72366601	MA 3241	53
72366601	MA 3241	53
74883421	FI 1221	53
83220461	FI 3341	44
83221241	FI 5361	44
83222681	FI 3341	44
83224461	FI 5361	44
83225359	FI 5361	44
83226216	FI 5361	44
83226336	FI 3541	44
83226683	FI 3341	44
83227131	FI 3341	44
83227226	FI 3341	44
83227260	FI 3341	44
72164101000	MA 5261	53
72164102000	MA 7281	53
72164701000	MA 3241	53
72165001000	MA 1221	53
072164701010	MA 3241 CU	87
72164701	MA 3241 CU	87
72164701000	MA 3241 CU	87
72362701	MA 3241 CU	87
72366601	MA 3241 CU	87
83221241	FI 5371 CU	85
83225359	FI 5371 CU	85
83226216	FI 5371 CU	85
83221241	FI 5371	45
83225359	FI 5371	45
83226216	FI 5371	45

MITSUBISHI	MEGA	SAYFA NO
M321X04471	MI 4283	60
M321X04771	MI 4283	60
M321X05171	MI 4283	60
M321X06671	MI 4283	60
M321X07071	MI 4283	60
M321X07076	MI 4281	60
M321X15071	MI 4282	60
M649T01271	MI 0411	54
M649T01272	MI 0411	54
M649T01273	MI 0411	54
M649T01671	MI 2431	57
M649T02171	MI 1711	57
M649T02271	MI 2831	58
M649T02272	MI 2831	58
M649T03571	MI 2832	59
M649T04871	MI 2831	58

MITSUBISHI	MEGA	SAYFA NO
M649T05071	MI 8991	61
M649T05072	MI 8991	61
M649T05072	MI 6971	61
M649T06871	MI 0411	54
M649T06971	MI 2431	57
M649T09371	MI 0411	54
M649T09471	MI 0411	54
M649T20471	MI 1701	56
M649X01371	MI 2831	58
M649X02572	MI 2832	59
M649X03573	MI 2832	59
M649X20471	MI 1701	56
M649X20771	MI 1702	57
MD607555	MI 2831	58
MD607926	MI 2831	58
MD611918	MI 0411	54
MD618513	MI 2831	58
ME701467	MI 1701	56
ME701495	MI 1702	57
M649T20471	MI 1701 CU	88
M649X20471	MI 1701 CU	88
ME701467	MI 1701 CU	88

WAI	MEGA	SAYFA NO
39-109-3	DR 1411	96
39-208	FO 0681	96
39-8203-3	ND 0353	97
39-8206	ND 0351	96
39-8207	ND 0352	97
68-9131	BO 1585	14
68-9141	BO 1585	14
68-9143	BO 1763	20
68-9143	BO 1763	20
68-9144	BO 1762	20
68-9145	BO 1762	20
69-103-3	DR 1341	38
69-103-3	DR 1342	39
69-108-1	DR 1351	40
69-108-1	DR 1352	40
69-114	DR 9121	43
69-114-1	DR 9121	43
69-114-3	DR 9121	43
69-124	DR 1761	41
69-125	DR 1741	41
69-128	DR 1413	41
69-200	LU 0361	51
69-200	FO 0721	45
69-201	FO 0721	45
69-201-2	FO 0721	45

WAI	MEGA	SAYFA NO
69-204	FO 0731	45
69-206	FO 0751	46
69-8101	HI 0811	47
69-8113-3	HI 4751	48
69-8117	HI 4551	47
69-8118-1	HI 4551	47
69-8120	HI 4751	47
69-8201	ND 0841	65
69-8202	ND 7781	69
69-8203	ND 0881	66
69-8208	ND 0111	62
69-8211	ND 0521	64
69-8218	FI 2731	43
69-8219	ND 0851	65
69-8227	MI 1391	56
69-8300	MI 1711	57
69-8302	MI 6971	61
69-8308-1	MI 0411	54
69-8309	MI 2431	57
69-8313-3	MI 4283	60
69-8315	MI 2832	59
69-8317	MI 4283	60
69-8318	MI 4283	60
69-8339	MI 1701	56
69-8341	MI 1702	57
69-8400-1	DR 4581	42
69-9100	BO 1451	11
69-9105	BO 1431	10
69-9106	BO 1441	11
69-9111-3	BO 1603	16
69-9113-1	BO 1585	14
69-9114	BO 1401	10
69-9116	BO 1762	20
69-9117	BO 1491	12
69-9118	BO 1511	12
69-9119	BO 1762	20
69-9120	BO 1441	11
69-91201	BO 1584	13
69-9129	BO 1586	14
69-9137	BO 2192	30
69-9140	BO 1711	18
69-9141	BO 1712	19
69-9145	BO 2171	29
69-9145	BO 1911	22
69-9147	BO 1951	23
69-9150	BO 2131	27
69-9152	BO 2281	31
69-9157	BO 2441	34
69-9158	BO 2331	32

KÖMÜR YUVALARI / BRUSH HOLDERS

WAI	MEGA	SAYFA NO
69-9301	FI 3541	11
69-9302	MA 5261	53
69-9303	FI 3341	44
69-9304	MA 7281	63
69-9305	FI 5361	44
69-9306	MA 3241	53
69-9307	MA 1221	53
69-9401	VA 1671	76
69-9402	VA 1290	75
69-9403	VA 1641	75
69-9404	VA 1441	71
69-9406	VA 1642	76
69-9407	VA 1672	76
69-9409	VA 1551	74
69-94201	VA 1480	73
69-99201	VA 1480	73
69-7532-1W	BO 2031	25
69-7540-1W	BO 2231	30
69-8208	ND 0112	62
69-9411	ND 0221	63
69-8213	ND 1161	68
5590-9003	ND 0882	67
69-8203	ND 0882	67
69-8328	MI 1701 CU	88
69-8339	MI 1701 CU	88
69-9306	MA 3241 CU	87
69-9305	FI 5371 CU	85
69-9305	FI 5371	45

VALEO	MEGA	SAYFA NO
92882	VA 1290	70
101589	VA 1331	70
183957	VA 1480	73
186381	VA 1480	73
190987	VA 1642	76
191335	VA 1642	76
191824	VA 1642	76
193288	VA 1642	76
195253	VA 1671	76
200393	VA 1642	71
594070	VA 1480	73
594290	VA 1551	74
594351	VA 1551	74
594381	VA 1551	74
594479	VA 1551	74
594651	VA 1671	76
594674	VA 1672	76
594780	VA 1442	71

WOODAUTO	MEGA	SAYFA NO
BHD3989	BO 1621	16
BHD4052	DR 9121	43
BHD4076	FO 0721	45
BHD4086	FO 0731	45
BHD4128	HI 4752	48
BHD4142	MA 7281	53
BHD4155	MI 2831	58
BHD4176	ND 0521	64
BHD4183	ND 0111	62
BHD4227	BO 2011	24
BHD4233	BO 2131	27
BHD49632	MA 1221	53
BHD49634	ND 0841	65
BHD49646	ND 0352	97
BHD49653	MI 1711	57
BHD49656	MI 2832	59
BHD49661	LU 5161	52
BHD49666	BO 1951	23
BHD49669	MI 4281	60
BHD49683	LE 0752	49
BHD4982J	DR 1411	96
BHD4988	ND 0353	97
BHD5001	MI 1701	56
BHD5003	MI 1702	57
BHD5009	BO 2302	32
BHD5010	BO 2281	31
BHD5011	BO 2432	33
BHD5013	BO 2331	32
BHD5014	BO 2441	34
BHD5015	BO 2351	32
BHD5017	BO 2303	32
BHD5019	BO 2152	28
BHD5026	BO 2282	31
BHD5028	BO 2111	27
BHD5031	VA 1642	76
BHD5035	VA 1671	76
BKT469	LU 0361	51
BOS1004336506	BO 2051	26
BOS1004336645	BO 2301	31
BOS1004336678	BO 2151	28
BOS6033AD4194	BO 2171	29
DEN028514-5020	MI 1391	56
EC3523	DR 1341	38
EC3529	DR 1352	40
EC3529	DR 1351	40
EC3572	ND 0881	66
EC3586	BO 1441	11
EC3587	BO 1451	11
EC4322	VA 1290	70

WOODAUTO	MEGA	SAYFA NO
EC4323	VA 1331	70
EC45003	HI 0811	47
EC45008	HI 4551	47
EC45009	ND 0791	64
EC45010	HI 4751	48
EC45011	HI 4751	48
EC4578	DR 4201	42
EC4579A	LU 0751	52
EC4585	VA 1480	73
EC4611	MI 4283	60
EC47022	BO 1401	10
EC47023	BO 1584	13
EC47025	BO 1586	14
EC47026	BO 1585	14
EC47030	BO 1621	16
EC47032	BO 1511	12
EC47034	BO 1762	20
EC47055	VA 1551	74
EC47061	BO 1602	15
EC47062	BO 1763	20
EC47067	BO 1431	10
EC47078	BO 1491	12
EC47141	FI 3541	44
EC47164	BO 1603	16
EC47165	ND 0841	65
EC47166	BO 1771	21
EC47170	BO 1851	21
EC47172	BO 1911	22
EC47174	ND 7781	69
EC47177	MA 5261	53
EC47179	MA 3241	53
EC47181	FI 5361	44
EC47182	FI 3341	44
EC47185	FO 0751	46
EC47212	MI 0411	54
EC47234	MI 8991	61
EC47572	BO 0751	8
EC47577	BO 1991	24
EC47581	BO 1931	22
EC47855	VA 1672	76
LET16.908.994	LE 0994	50
MITM321X15071	MI 4282	60
MITM649T01671	MI 2431	57
BHD4183	ND 0112	62
BHD49671	ND 0221	63
EC3572	ND 0882	67
BHD5001	MI 1701 CU	88
EC47179	MA 3241 CU	57
EC47181	FI 5371 CU	85

KÖMÜR YUVALARI / BRUSH HOLDERS

WOODAUTO	MEGA	SAYFA NO
EC47181	FI 5271	45

GHIBAUDI	MEGA	SAYFA NO
PAPA 835	MI 0411	54
PAPA108	FI 3341	44
PAPA109	BO 1451	11
PAPA110	BO 1441	11
PAPA112	BO 1431	10
PAPA114	BO 1021	10
PAPA117	BO 1401	10
PAPA118	BO 1491	12
PAPA119	BO 1603	16
PAPA120	BO 1584	13
PAPA127	BO 1602	15
PAPA128	BO 1762	20
PAPA129	BO 1586	14
PAPA130	BO 1711	18
PAPA135	BO 1771	21
PAPA136	BO 1712	19
PAPA140	BO 1763	20
PAPA140	BO 1621	16
PAPA141	BO 1511	12
PAPA143	BO 1851	21
PAPA145	BO 1911	22
PAPA147	BO 2151	28
PAPA152	BO 1931	22
PAPA155	BO 2013	25
PAPA156	BO 2131	27
PAPA157	BO 1971	24
PAPA158	BO 2051	26
PAPA159	BO 2211	30
PAPA160	BO 2011	24
PAPA164	BO 1951	23
PAPA169	BO 2132	28
PAPA170	BO 2154	29
PAPA171	BO 2155	29
PAPA177	BO 2111	27
PAPA181	BO 2171	29
PAPA188	BO 1585	14
PAPA191	BO 2153	28
PAPA205	BO 2302	32
PAPA216	BO 2192	30
PAPA222	BO 2191	29
PAPA224	BO 2281	31
PAPA228	BO 2331	32
PAPA229	BO 2441	34
PAPA230	BO 2351	32
PAPA232	BO 2303	32
PAPA235	BO 2282	31

GHIBAUDI	MEGA	SAYFA NO
PAPA237	BO 2433	33
PAPA270	DR 1341	38
PAPA272	DR 1351	40
PAPA272	DR 1352	40
PAPA274	DR 4581	42
PAPA274	DR 4201	42
PAPA277	DR 9141	43
PAPA301	MA 3241	53
PAPA303	MA 1221	53
PAPA305	MA 7281	53
PAPA309	FI 3541	44
PAPA310	FI 5361	44
PAPA313	MA 5261	53
PAPA335	FO 0751	46
PAPA401	LU 0361	51
PAPA403	LU 5161	52
PAPA500	VA 1642	75
PAPA501	VA 1290	70
PAPA502	VA 1330	70
PAPA504	VA 1480	73
PAPA506	VA 1441	71
PAPA507	VA 1551	74
PAPA508	VA 1641	75
PAPA509	VA 1671	76
PAPA513	VA 1672	76
PAPA514	VA 1672	76
PAPA801	HI 0811	47
PAPA806	MI 2431	57
PAPA809	HI 4751	48
PAPA811	HI 4551	47
PAPA831	MI 8991	61
PAPA831K	MI 8991	61
PAPA832	MI 1711	57
PAPA834	MI 2832	59
PAPA841	MI 1701	56
PAPA842	FO 0731	45
PAPA844	MI 4282	60
PAPA845	MI 4283	60
PAPA846	MI 1702	57
PAPA847	MI 4281	60
PAPA861	ND 0851	65
PAPA862	ND 7781	69
PAPA863	ND 0881	66
PAPA867	MI 1391	56
PAPA874	ND 0111	62
PAPA875	BO 2152	28
PAPA876	ND 0841	65
PAPA878	ND 0521	64
PAPA879	ND 1021	68

GHIBAUDI	MEGA	SAYFA NO
PAPA880	ND 2011	68
PAPA186	BO 2032	25
PAPA184	BO 2231	30
PAPA301	MA 3241 CU	87
PAPA310	FI 5271 CU	85
PAPA310	FI 5271	45

UNIPOINT	MEGA	SAYFA NO
SH-5001	ND 7781	69
SH-6052	ND 0881	66
SH-6150	ND 0881	66
SH-9001	ND 0111	62
SH-9103	ND 0111	62
SH-6035	MI 8991	61
SH-6138	MI 6971	61
SH-7131	MI 1702	57
SH-7030	MI 1701	56
SH-3001	MI 0411	54
P-610701	HI 4752	48
SH-6107	HI 4752	48
P-601019	HI 4751	48
SH-6010	HI 4751	48
SH-6103	HI 4751	48
SH-3301	HI 4551	47
SH-6020	HI 0811	47
SH-2801	FO 0721	45
SH-7150	DR 4581	42
P-705134	DR 4201	42
RS-212	DR 1351	40
RS-211	DR 1341	38
SH-2411	BO 2171	29
SH-2311	BO 1911	22
SH-2351	BO 1771	21
SH-2018	BO 1763	20
SH-2019	BO 1762	20
SH-2021	BO 1762	20
SH-2200	BO 1621	16
SH-2003	BO 1602	15
SH-2201	BO 1584	13
BH-635	ND 0353	97
BH-657	ND 0353	97
BH-1400	DR 1411	96
SH-3501	MI 4283	60
SH-2601	DR 9121	43
SH-9001	ND 0112	62
SH-9103	ND 0112	62
SH-6052	ND 0882	67
SH-6150	ND 0882	67
SH-7030	MI 1701 CU	88

KÖMÜRLER / BRUSHES

BOSCH	MEGA	SAYFA NO
1 004 320 101	BSX 149	112
1 004 320 102	BSX 154	113
1 004 320 103	BSX 156	113
1 004 320 208	BSX 220-221	121
1 004 320 209	BSX 220-221	121
1 004 320 232	BSX 220-221	121
1 004 320 233	BSX 220-221	121
1 004 320 245	BSX 229-230	123
1 004 320 246	BSX 229-230	123
1 004 320 257	BSX 238	124
1 004 320 266	BSX 239-240	125
1 004 320 267	BSX 239-240	125
1 004 320 268	BSX 241-242	125
1 004 320 269	BSX 241-242	125
1 007 014 100	BSX 12	100
1 007 014 105	BSX 36	101
1 007 014 106	BSX 33	100
1 007 014 107	BSX 34	100
1 007 014 109	BSX 35	100
1 007 014 121	BSX 76	104
1 007 014 123	BSX 43	101
1 007 014 126	BSX 98	106
1 007 014 128	BSX 121	108
1 007 014 129	BSX 124	109
1 007 014 131	BSX 98	106
1 007 014 137	BSX 146	111
1 007 014 138	BSX 140	111
1 007 014 139	BSX 149	112
1 007 014 140	BSX 159-160	114
1 007 014 141	BSX 156	113
1 007 014 143	BSX 151	112
1 007 014 144	BSX 152	112
1 007 014 145	BSX 154	113
1 107 014 018	BX 68	197
1 107 014 110	BSX 43	101
1 107 014 118	BX 68	197
1 107 014 119	BX 68	197
1 107 014 126	BSX 49	101
1 127 014 000	BX 151	112
1 127 014 004	BX 185	203
1 127 014 005	BX 185	203
1 127 014 006	BX 185	203
1 127 014 007	BX 185	203
1 127 014 008	BX 185	203
1 127 014 010	BX 199	208
1 127 014 011	BX 185	203
1 127 014 013	BX 185	203
1 127 014 015	BX 199	208
1 127 014 016	BX 201	209

BOSCH	MEGA	SAYFA NO
1 127 014 017	BX 202	209
1 127 014 018	BX 204	209
1 127 014 019	BX 209	222
1 127 014 020	BX 202	209
1 127 014 021	BX 209	222
1 127 014 022	BX 204	209
1 127 014 023	BX 204	209
1 127 014 024	BX 214	225
1 127 014 025	BX 204	209
1 127 014 026	BX 215	225
1 127 014 027	BX 215	225
1 127 014 028	BX 213	225
1 127 014 030	BX 204	209
1 127 014 031	BX 219	225
1 917 000 153	RX 60	128
1 917 000 154	RX 70	129
1 917 000 155	RX 87	129
1 917 000 158	RX 92	130
1 917 000 205	USX 60-59	138
1 917 000 206	USX 60-59	138
1 917 000 207	USX 60-59	138
1 917 000 208	USX 60-59	138
1 917 000 210	USX 60-59	138
1 917 000 211	USX 73-85	138
1 917 000 215	USX 91-92	139
1 917 000 250	JSX 5	140
1 917 000 251	JSX 9	140
1 917 000 253	JSX 13	140
1 917 000 254	JSX 15	141
1 917 000 255	JSX 16	141
1 917 000 259	JSX 18	141
1 917 000 260	JSX 19	141
1 917 000 354	LASX 15-16	158
1 917 000 355	LASX 15-27	160
1 917 000 357	LASX 36	161
1 917 000 359	LASX 40-41	161
1 917 000 360	LASX 42	162
1 917 000 361	LASX 30-31-32	160
1 917 000 363	LASX 44-45	162
1 917 000 503	PSX 115-116	186
1 917 000 509	PSX 115-116	186
1 917 000 521	PSX 115-116	186
1 917 000 525	PSX 81-82	184
1 917 000 526	PSX 83-84	185
1 917 000 542	PSX 132	187
1 917 000 553	PSX 112	185
1 917 000 554	PSX 83-84	185
1 917 000 560	PSX 122-123-124	186
1 917 000 563	PSX 129	186

BOSCH	MEGA	SAYFA NO
1 917 000 564	PSX 132	187
1 917 000 565	JSX 21-22	142
1 917 000 575	PSX 130	187
1 917 000 576	PSX 133	187
1 917 000 577	JSX 21-22	142
1 917 000 578	MASX 17-18	165
1 917 010 205	JX 16	230
1 917 010 300	LAX 9	235
1 917 010 302	LAX 31-32	237
1 917 010 305	LAX 23	236
1 917 010 391	PLSX 5	183
1 917 012 104	RX 103	228
1 917 012 155	UX 79-80/0/0	244
1 917 012 203	JX 30-31	230
1 917 012 352	PX 52-54	245
1 917 012 353	PX 52-54	245
1 917 012 354	PX 52-54	245
1 917 700 476	PLSX 3	183
1 987 000 004	JAAX 32	234
1 987 000 005	JASX 66-67	153
1 987 000 006	JASX 57-58	152
1 987 000 007	JASX 29	168
1 987 000 009	JASX 15-6 (4)	150
1 987 000 010	JASX 69-70	171
1 987 120 000	JAAX 9	242
1 987 120 001	JAAX 20	233
1 987 120 002	JASX 63	178
1 987 120 003	JAAX 25	239
1 987 120 004	JAAX 24	238
1 987 120 010	JAAX 25	239
1 987 120 022	JAAX 19	233
1004 320 253	BSX 234-235	124
1004 320 254	BSX 234-235	124
1917 000 161	RX 120	131
1917 000 162	RX 120	131
1917 000 201	USX 44-21	138
1917 012 105	RX 103 F	228
1917 012 400	SVX 7	246
1917 012 401	SVX 7	246
2 000 014 078	BSX 100	107
2 004 320 176	BSX 186	117
2 004 320 178	BSX 186	117
2 004 320 264	BSX 222-223	121
2 004 320 265	BSX 222-223	121
2 007 014 001	BSX 12	100
2 007 014 002	BSX 39	101
2 007 014 004	BSX 148	111
2 007 014 007	BSX 12	100
2 007 014 008	BSX 148	111

KÖMÜRLER / BRUSHES

BOSCH	MEGA	SAYFA NO
2 007 014 013	BSX 35	100
2 007 014 015	BSX 148	111
2 007 014 017	BSX 186	117
2 007 014 018	BSX 70	102
2 007 014 019	BSX 102	108
2 007 014 020	BSX 33	100
2 007 014 021	BSX 34	100
2 007 014 022	BSX 85	105
2 007 014 023	BSX 148	111
2 007 014 024	BSX 74	102
2 007 014 026	BSX 75	103
2 007 014 027	BSX 75	103
2 007 014 032	BSX 100	107
2 007 014 035	BSX 100	107
2 007 014 036	BSX 148	111
2 007 014 040	BSX 139	110
2 007 014 042	BSX 148	111
2 007 014 044	BSX 96	106
2 007 014 047	BSX 35	100
2 007 014 048	BSX 148	111
2 007 014 049	BSX 100	107
2 007 014 050	BSX 96	106
2 007 014 051	BSX 100	111
2 007 014 052	BSX 96	106
2 007 014 053	BSX 102	108
2 007 014 056	BSX 96	106
2 007 014 061	BSX 148	111
2 007 014 062	BSX 134-144	109
2 007 014 063	BSX 135-145	110
2 007 014 064	BSX 96	106
2 007 014 065	BSX 137-143	110
2 007 014 067	BSX 147	111
2 007 014 068	BSX 137-143	110
2 007 014 070	BSX 148	111
2 007 014 072	BSX 177	116
2 007 014 073	BSX 163-164	114
2 007 014 076	BSX 163-164	114
2 007 014 077	BSX 170-171	115
2 007 014 079	BSX 172-173	115
2 007 014 080	BSX 178-179	116
2 007 014 081	BSX 180-181	116
2 007 014 082	BSX 177	116
2 007 014 085	BSX 170-171	115
2 107 014 004	BX 68	197
2 127 014 003	BX 203	209
2 127 014 004	BX 203	209
2 127 014 005	BX 203	209
2 137 014 003	BSX 12	100
6 033 AD3 260	BSX 224-225	122

BOSCH	MEGA	SAYFA NO
6 033 AD3 261	BSX 224-225	122
6 033 AD5 097	BSX 206-207	120
6 033 AD5 098	BSX 206-207	120
6 033 AD5 126	BSX 206-207	120
6 033 AD5 127	BSX 206-207	120
6 033 AD5 177	BSX 216-217	121
6 033 AD5 178	BSX 216-217	121
6 033 AD5 312	BSX 206-207	120
6 033 AD5 313	BSX 206-207	120
6 033 AD5 314	BSX 216-217	121
6 033 AD5 315	BSX 216-217	121
9 001 082 414	BSX 98	106
9 001 453 644	BSX 177	116
9 003 337 001	BSX 165	115
1 127 014 028	BX 208	220
2 004 320 220	BSX 86-87 CU	256
2 007 014 025	BSX 86-87 CU	256
2 007 014 044	BSX 86-87 CU	256
2 007 014 050	BSX 86-87 CU	256
2 007 014 052	BSX 86-87 CU	256
2 007 014 056	BSX 86-87 CU	256
2 007 014 064	BSX 86-87 CU	256
2 007 014 566	BSX 86-87 CU	256
1 007 014 106	BSX 33 CU	256
2 007 014 020	BSX 33 CU	256

CARGO	MEGA	SAYFA NO
140134	RX 103	228
140135	RX 106	228
140161	LAX 80-81	237
140334	JASX 57-58	152
140336	JASX 66-67	153
140337	JASX 94-95	155
140338	JASX 80-81	154
140339	JASX 56-3/0	152
140340	JASX 15-6 (4)	150
140341	JASX 32-33	150
140342	JAAX 20	187
140344	JAAX 12	187
140345	JASX 23	149
140347	JASX 69-70	151
140349	JASX 82-83	153
140350	JAAX 16	238
140351	JAAX 25	239
140352	JAAX 24	238
140353	JAAX 24	238
140354	JAAX 31	239
140357	JASX 22	176
140360	JASX 63	178

CARGO	MEGA	SAYFA NO
140361	JASX 88	180
140362	JASX 84	179
140363	JASX 85	179
140364	JASX 77-78	178
140368	JAAX 28	242
140369	JAAX 33	242
140370	JAAX 38	243
140371	JAAX 35	243
140376	JASX 56-3	152
140378	JASX 36-37	151
140379	JASX 74-75	154
140380	JAAX 32	234
140385	JASX 29	168
140386	JASX 47-48	170
140387	JASX 98-99	174
140388	JASX 71-72	172
140393	JASX 35	177
140437	JAAX 34	239
140559	JASX 40-41	169
140567	JASX 74	153
140575	JAAX 37	234
140576	JAAX 36	239
140591	JASX 69-70	171
140595	JASX 92-93	154
140597	JASX 34-30	151
140598	RX 132-133	229
140600	RX 457-458	136
140602	JASX 39	177
140603	LASX 30-31-32	160
140613	LAX 82	238
140647	JASX 53	178
140706	JASX 21 (4)	175
140708	JASX 91	173
140716	LASX 15-27	160
140732	RX 419-420	136
140740	JASX 52	177
140755	RX 911	136
140765	LASX 76	163
140770	JASX 79	179
140808	PSX 142-143	189
140811	RX 120	131
140812	RX 120	131
140813	RX 120/0	130
140815	RX 120/0	130
140841	JASX 24-25	175
140852	JASX 49-61	151
140885	JASX 18-19	176
140896	LASX 87-77-78	163
140897	LASX 86-79-80	163

KÖMÜRLER / BRUSHES

CARGO	MEGA	SAYFA NO
140914	JX 43	232
140922	JASX 54-55	152
140930	JASX 42-43	169
140931	JASX 45-46	170
140932	JASX 86-87	179
140933	JASX 50-51	151
140966	JASX 44-28	169
140986	JASX 59-60	153
141023	JASX 26-27	150
141036	BSX 190-191	117
141067	PSX 89-90	185
141190	RX 913-914	137
141224	JASX 16-17	164
141258	JASX 101-102	180
BSX 1024	BSX 102	108
BSX 121F 4	BSX 121	108
BSX 1244	BSX 124	109
BSX 134-144 4	BSX 134-144	109
BSX 135-145 4	BSX 135-145	110
BSX 137-143 4	BSX 137-143	110
BSX 1394	BSX 139	110
BSX 1404	BSX 140	111
BSX 1464	BSX 146	111
BSX 1474	BSX 147	111
BSX 1484	BSX 148	111
BSX 1494	BSX 149	112
BSX 151S 4	BSX 151	112
BSX 157-158 4	BSX 157-158	113
BSX 159-160 4	BSX 159-160	114
BSX 163-164 4	BSX 163-164	114
BSX 1654	BSX 165	115
BSX 1664	BSX 166	115
BSX 170-171 4	BSX 170-171	115
BSX 172-173 4	BSX 172-173	115
BSX 175-176 4	BSX 175-176	116
BSX 1774	BSX 177	116
BSX 178-179 4	BSX 178-179	116
BSX 180-181 4	BSX 180-181	116
BSX 186 4	BSX 186	117
BSX 190-191 4	BSX 190-191	117
BSX 192-193 4	BSX 192-193	118
BSX 194-195 4	BSX 194-195	118
BSX 1964	BSX 196	118
BSX 1974	BSX 197	118
BSX 206-2074	BSX 206-207	120
BSX 216-2174	BSX 216-217	121
BSX 220-2214	BSX 220-221	121
BSX 222-2234	BSX 222-223	121
BSX 34 4	BSX 34	100

CARGO	MEGA	SAYFA NO
BSX 35 4	BSX 35	100
BSX 43 4	BSX 43	101
BSX 49 4	BSX 49	101
BSX 70 4	BSX 70	102
BSX 74 4	BSX 74	102
BSX 75 4	BSX 75	103
BSX 76 4	BSX 76	104
BSX 96 4	BSX 96	106
BSX 98 4	BSX 98	106
BSX124	BSX 12	100
BX 185 2	BX 185	203
BX 201 2	BX 201	209
BX 202 2	BX 202	209
BX 203 2	BX 203	209
BX 204 2	BX 204	209
BX 209 2	BX 209	221
BX 210 2	BX 214	225
BX 213 2	BX 213	225
BX 215 2	BX 215	225
JSX 13 4	JSX 13	140
JSX 16 2	JSX 16	140
JSX 18 4	JSX 18	140
JSX 19 4	JSX 19	140
JSX 21-22	JSX 21-22	142
JSX23-24-28	JSX 23-24-28	142
JSX 31-32	JSX 31-32	143
JSX 33-34 4	JSX 33-34	143
JSX 35-36 4	JSX 35-36	143
JSX 35-37 4	JSX 35-37	144
JSX 38-39-40 3	JSX 38-39-40	144
JSX 38-41 2	JSX 38-41	144
JSX 5 2	JSX 5	140
JSX 9 4	JSX 9	140
JSX43-45-444	JSX 43-45-44 (4)	145
JSX 70-713	JSX 70-71	146
JSX 74-75-76-774	JSX 74-75-76-77	147
JX 16 2	JX 16	230
JX 30-31 2	JX 30-31	230
JX 42 2	JX 42	231
LASX 15-16 4	LASX 15-16	158
LASX 31 4	LASX 31	160
LASX 36 4	LASX 36	161
LASX 40-41 2P	LASX 40-41	161
LASX 42 4	LASX 42	162
LASX 5-6 2+1P	LASX 5-6	158
LASX 73-41 2+1P	LASX 73-41	162
LAX 23 2	LAX 23	236
LAX 29 2	LAX 29	236
LAX302	LAX 30	236

CARGO	MEGA	SAYFA NO
LAX 31-32 2	LAX 31-32	237
LAX 9 2	LAX 9	235
MASX 13-14 4	MASX 13-14	165
MASX 15-16 4	MASX 15-16	165
MASX 17-18 4	MASX 17-18	165
MASX 19-20 4	MASX 19-20	165
MASX 21-22 4	MASX 21-22	166
MASX 23-24 4	MASX 23-24	166
MASX 25-26 4	MASX 25-26	166
MASX 27-28 4	MASX 27-28	166
PLX102	PLX 10	244
PSX 112 4	PSX 112	185
PSX 115-116 2	PSX 115-116	186
PSX119-1202	PSX 119-120	186
PSX122-123-124	PSX 122-123-124	186
PSX 129 2+1P	PSX 129	186
PSX 1304	PSX 130	187
PSX 1324	PSX 132	187
PSX 1332	PSX 133	187
PSX136-1374	PSX 136-137	188
PSX 138-139 2	PSX 138-139	188
PSX 140-141 4	PSX 140-141	188
PSX 81-82 4	PSX 81-82	184
PSX 83-84 4	PSX 83-84	185
PX 52-54 2	PX 52-54	245
PX 60 2	PX 60	245
RX 103 4	RX 122 H	132
RX 103F 2	RX 103 F	228
RX 104 4	RX 122	131
RX 124 H 6	RX 124 H	133
RX 134 4	RX 134	133
RX 135 4	RX 135	134
RX 87 4	RX 87	129
SVX 7 2	SVX 7	246
USX 73-85 2	USX 73-85	138
USX 91-92 2	USX 91-92	139
UX 79-80 2	UX 79-80/0	244
141244	K 022	181
RX1034	RX 122 H	132
LASX15-16	LASX 15-16 CU	159
LASX15-16 4	LASX 15-16 CU	159
142329	BX 208	220
B213	BX 208	220
BX2132	BX 208	220
141239	JAAX 36 ST2	240
140817	JAAX 36 ST	241
BS96	BSX 86-87 CU	256
BSX96	BSX 86-87 CU	256
BSX964	BSX 86-87 CU	256

KÖMÜRLER / BRUSHES

CARGO	MEGA	SAYFA NO
140387	JASX 98-99 K CU	261
140347	JASX 69-70 CU	261
140491	PSX 148-149 CU	263
142346	PSX 148-149 CU	263
PS144	PSX 148-149 CU	263
PSX144-145K	PSX 148-14 9 CU	263
JSX 35-37 4	JSX 35-37 CU	260

WAI	MEGA	SAYFA NO
68-9109	BSX 104	108
38-9102	BX 185	117
38-9103	BX 185	117
68-9107	BSX 75	103
68-9105	BSX 102	108
68-9126	BX 151	112
68-9128	BSX 149	112
68-9132	BSX 157-158	113
68-9131	BSX 157-158	113
68-9130	BSX 159-160	114
68-9129	BSX 159-160	114
68-9103	BSX 43	101
68-9102	BSX 49	101
81-91200	BX 59	102
68-9101	BSX 39	101
38-9100	BX 201	209
38-9100	BX 201	209
68-9145	BSX 166	115
68-9113	BSX 134	109
38-216	FX 67	232
68-223	FX 75	149
68-9300	JSX 13	140
38-8302	JAAX 24	238
68-9200	LASX 44-45	162
68-8200	JASX 84	179
68-8210	JASX 89	180
68-8100	JASX 80	154
68-8101	JASX 80	154
68-9116	BSX 96	94
38-8202	JAAX 28	242
38-8201	JAAX 35	243
38-9100	BX 202	209
68-8308	JASX 36	151
38-8105	JAAX 32	187
38-8306	JAAX 31	234
38-8204	JAAX 33	242
38-8307	JAAX 36	239
68-8214	JASX 18	176
68-8215	JASX 19	176
68-8220	JASX 52	177

WAI	MEGA	SAYFA NO
68-8216	JASX 10	176
68-8217	JASX 11	176
68-8300	JASX 70	171
68-8119	JASX 74	153
38-8107	JAAX 36	239
38-8108	JAAX 37	234
68-8900	JASX 21 (4)	175
68-9406	USX 60	138
68-9209	LASX 15	158
38-8200	JAAX 9	242
38-8300	JAAX 34	239
68-8203	JASX 22	176
68-9207	LASX 31	160
68-9206	LASX 36	161
68-8202	JASX 14	176
68-8107	JASX 33	150
68-8106	JASX 32	150
68-8105	JASX 56	152
68-8104	JASX 15	150
68-9301	JSX 16	164
38-8102	JAAX 20	233
68-8204	JASX 35	177
38-8303	JAAX 16	238
68-8110	JASX 67	153
68-8110	JASX 67	153
68-8108	JASX 66	153
68-8111	JASX 58	152
68-8129	JASX 55	152
68-8129-1	JASX 55	152
68-8125	JASX 50	151
68-8131	JASX 59	153
68-8128 68-8136	JASX 49	151
68-8128-1	JASX 54	152
38-401 / 38-402	SVX 7/9	246
38-402	SVX 7/9	246
68-8305	JASX 83	172
68-8317	JASX 42	169
68-8315-1	JASX 41	169
68-8315	JASX 40	169
68-8314	JASX 43	169
68-8312-1	JASX 68	170
68-8312	JASX 40	169
68-8321	JASX 100	174
68-8208	JASX 77	178
68-8225	JASX 78	178
68-8226	JASX 79	179
38-104	RX 103	228
38-110	RX 106	228
38-105	RX 117	229

WAI	MEGA	SAYFA NO
38-107	RX 119	229
68-109	RX 122	131
68-111	RX 122H	132
68-115	RX 124	132
68-117	RX 124H	133
38-115	RX 132	229
38-116	RX 133	229
68-112	RX 134	133
68-113	RX 134 H	133
68-129	RX 135	134
68-130	RX 135 H	134
68-137	RX 419	136
68-8400	RX 457	136
68-8401	RX 458	136
68-8402	RX 419	136
68-139	RX 911	136
38-119	RX 140	229
38-120	RX 141	229
68-152-24	RX 175-176	135
68-158	RX 175-176	135
68-100	RX 60	128
68-108	RX 69	129
68-110	RX 70	129
68-104	RX 87	129
38-100	RX 89	228
38-101	RX 90	228
68-116	RX 92	130
68-94340	K 022	181
68-111	RX 122 H	132
38-91800	BX 208	220
38-8307	JAAX 36 ST	241
68-9116	BSX 86-87 CU	256

DELCO	MEGA	SAYFA NO
1 0456 457	RX 457	119
1 0456 458	RX 458	119
1 0457 119	RX 419	119
1 0457 120	RX 420	119
1 049 524	RX 911	119
1 852 880	RX 120	115
1 852 883	RX 122 H	115
1 852 884	RX 122	115
1 852 887	RX 124	116
1 995 564	RX 117	183
1 989 661	RX 132-133	183
1 852 883	RX 122 H	
1 902 452 9	BSX 86-87 CU	

KÖMÜRLER / BRUSHES

NIPPON DENSO	MEGA	SAYFA NO
21660-0130	JAAX 9	242
21660-0311	JAAX 33	242
21660-0330	JAAX 28	242
21660-0370	JAAX 38	243
21660-0390	JAAX 35	243
21660-0510	JAAX 35	243
21660-0530	JAAX 33	242
23740-0200	JASX 79	179
28099-3430	JASX 89	180
28099-3950	JASX 89	180
28099-3980	JASX 53	178
28099-5450	JASX 39	177
28099-6180	JASX 52	177
28510-0441	JASX 84	179
28510-0460	JASX 89	180
28510-0580	JASX 84	179
28510-0590	JASX 84	179
28510-0660	JASX 89	180
28510-0830	JASX 84	179
28510-5320	JASX 84	179
28510-5350	JASX 84	179
28510-5420	JASX 84	179
28510-0750	JASX 86-87	179
28530-0480	JASX 35	177
28531-0300	JASX 22	176
28531-0380	JASX 63	178
28531-0450	JASX 84	179
28531-0480	JASX 63	178
28531-0490	JASX 63	178
28531-0632	JASX 88	180
28531-0680	JASX 85	179
28531-0720	JASX 89	180
28531-0730	JASX 89	180
28531-0840	JASX 77	178
28531-0946	JASX 84	179
28531-5050	JASX 39 C	177
28531-0110	JASX 14	176
28531-0110	JASX 14	176

FCC	MEGA	SAYFA NO
JHTSX 7 M	JASX 15-6 (4)	150
JHTSX 9 M	JASX 56-3	152
JHTSX 12 M	JASX 31	150
JHTSX 17	JASX 57-58	152
JHTSX 25	JASX 92-93	154
JHTSX 28	JASX 66-67	153
JHTSX 29	JASX 94-95	155
JHTSX 31	JASX 80-81	154

FCC	MEGA	SAYFA NO
JHTSX 32	JASX 92-93	154
JHTSX 33	JASX 56-3/0	152
JHTSX 34	JASX 94-95	155
JHTSX 36	JASX 36-37	151
JHTSX 37	JASX 74-75	154
JHTSX 38	JASX 57-58	152
JHTSX 39	JASX 36-37	151
JHTSX 40	JASX 74	153
JHTSX 43	JASX 34-30	151
JHTSX 44	JASX 74-75	154
JHTSX 47	JASX 49-61	151
JHTX 10	JAAX 19	233
JHTX 11	JAAX 19	233
JHTX 18	JAAX 20	233
JHTX 18 M	JAAX 20	233
JHTX 19	JAAX 19	233
JHTX 20	JAAX 32	234
JHTX 23	JAAX 32	234
JHTX 27	JAAX 37	234
JHTX 5	JAAX 19	233
JHTX 6	JAAX 12	233
JHTX 7	JAAX 19	233
JMTSX 24	JASX 29	233
JMTSX 11	JASX 23	168
JMTSX 27	JASX 70	171
JMTSX 36	JASX 69-70	171
JMTSX 49	JASX 82-83	172
JMTSX 54	JASX 69-70	171
JMTSX 55	JASX 98-99	174
JMTSX 56	JASX 71-72	172
JMTSX 57	JASX 96-97	173
JMTSX 65	JASX 71	172
JMTSX 66	JASX 71	172
JMTSX 70	JAS 43	169
JMTSX 71	JAS 41	169
JMTX 14	JAAX 16	238
JMTX 19	JAAX 25	239
JMTX 20	JAAX 25	239
JMTX 22	JAAX 24	238
JMTX 23	JAAX 25	239
JMTX 25	JAAX 25	239
JMTX 32	JAAX 24	238
JMTX 33	JAAX 31	239
JMTX 34	JAAX 31	239
JMTX 35	JAAX 34	239
JMTX 38	JAAX 36	239
JMTX 39	JAAX 31	239
JMTX 41	JAAX 36	239
JMTX 42	JAAX 34	239

FCC	MEGA	SAYFA NO
JNDSX 8	JASX 35	177
JNDSX 25	JASX 63	178
JNDSX 31	JASX 88	180
JNDSX 31 M	JASX 88	180
JNDSX 32	JASX 84	179
JNDSX 33	JASX 84	179
JNDSX 34	JASX 85	179
JNDSX 35	JASX 77-78	178
JNDSX 36	JASX 86-87	179
JNDSX 37	JASX 53	158
JNDSX 39	JASX 39	177
JNDSX 39 T	JASX 39 C	177
JNDSX 41	JASX 52	177
JNDX 11	JAAX 9	242
JNDX 11 M	JAAX 9	242
JNDX 30	JAAX 28	242
JNDX 32	JAAX 33	242
JNDX 33	JAAX 38	243
JNDX 34	JAAX 35	243
JNDX 34 M	JAAX 35	243
JNDX 37	JAAX 35	243
JNDX 38	JAAX 33	242
JNKSX20	RX 419-420	136
JNKSX 28	JASX 79	179
JNKX6	JAAX 19	233
FD-158	JASX 85	179
FD-159	JASX 85	179
FD-160	JASX 85	179
FD-161	JASX 77-78	178
FD-163	JASX 84	179
FD-165	JASX 84	179
FD-166	JASX 77-78	178
FD-167	JASX 39 C	177
FD-168	JASX 77-78	178
FD-169	JASX 84	179
FD-170	JASX 52	177
FD-311	JAAX 9	242
FD-312	JAAX 9	242
FD-313	JAAX 28	242
FD-315	JAAX 33	242
FD-316	JAAX 35	243
FD-317	JAAX 33	242
FD-318	JAAX 35	243
FD-319	JAAX 35	243
FE-123	JASX 84	179
FE-124	JASX 84	179
FE-143	JASX 88	180
FE-167	JASX 77-78	178
FE-303	JAAX 19	233

KÖMÜRLER / BRUSHES

FCC	MEGA	SAYFA NO
FE-304	JAAX 19	233
FE-306	JAAX 19	233
FE-310	JAAX 9	242
FE-316	JAAX 19	233
FE-317	JAAX 19	233
FE-318	JAAX 20	233
FE-319	JAAX 35	243
FE-320	JAAX 35	243
FF-110	JASX 57-58	57-58
FF-111	JASX 57-58	57-58
FF-117	JASX 66-67	153
FF-118	JASX 66-67	153
FF-120	JASX 66-67	153
FF-121	JASX 66-67	153
FF-122	JASX 66-67	153
FF-124	JASX 39 C	177
FF-125	JASX 84	179
FF-128	JASX 85	179
FF-132	JASX 84	179
FF-134	JASX 85	179
FF-135	JASX 84	179
FF-146	JASX 84	179
FF-150	JASX 66-67	153
FF-151	JASX 66-67	153
FF-155	JASX 84	179
FUJI	MEGA	SAYFA NO
FF-156	JASX 84	179
F-141	JASX 77-78	178
FA-101	JASX 66-67	153
FA-102	JASX 66-67	153
FD-140	JASX 63	178
FD-151	JASX 52	177
FD-154	JASX 84	179
FD-155	JASX 89	180
FD-156	JASX 88	180
FD-157	JASX 63	178
FF-157	JASX 84	179
FF-158	JASX 39 C	177
FF-303	JAAX 20	233
FF-304	JAAX 20	233
FF-308	JAAX 9	242
FF-310	JAAX 32	234
FF-313	JAAX 20	233
FF-314	JAAX 20	233
FF-315	JAAX 20	233
FF-316	JAAX 20	233
FF-319	JASX 39	177
FF-321	JAAX 35	243

FUJI	MEGA	SAYFA NO
FF-322	JAAX 34	239
FF-323	JAAX 20	233
FF-325	JAAX 35	243
FH-123	JASX 88	180
FH-125	JASX 94-95	155
FH-126	JASX 94-95	155
FH-145	JASX 88	180
FH-303	JAAX 12	233
FH-304	JAAX 19	233
FH-306	JAAX 33	242
FH-307	JAAX 33	242
FH-318	JAAX 9	242
FH-323	JAAX 9	242
FH-324	JAAX 9	242
FI-001	JASX 74-75	154
FI-002	JASX 36-37	151
FI-003	JASX 36-37	151
FI-025	JASX 88	180
FI-027	JASX 88	180
FI-029	JASX 89	180
FI-030	JASX 88	180
FI-040	JASX 89	180
FI-041	JASX 85	179
FI-046	JASX 36-37	151
FI-051	JASX 92-93	154
FI-052	JASX 92-93	154
FI-053	JASX 74	154
FI-054	JASX 74-75	154
FI-055	JASX 74-75	154
FI-056	JASX 74-75	154
FI-061	JASX 77-78	178
FI-065	JASX 39 C	177
FI-066	JASX 79	179
FI-080	JASX 89	180
FI-081	JASX 89	180
FI-085	JASX 89	180
FI-086	JASX 52	177
FI-109	JASX 15-6 (4)	150
FI-116	JASX 32-33	150
FI-118	JASX 56-3	152
FI-120	JASX 31	150
FI-130	JASX 92-93	154
FI-131	JASX 92-93	154
FI-133	JASX 57-58	152
FI-134	JASX 57-58	152
FI-159	JASX 94-95	155
FI-168	JASX 66-67	153
FI-172	JASX 92-93	154
FI-173	JASX 92-93	154

FUJI	MEGA	SAYFA NO
FI-174	JASX 94-95	155
FI-175	JASX 94-95	155
FI-181	JASX 94-95	155
FI-182	JASX 94-95	155
FI-185	JASX 94-95	155
FI-186	JASX 94-95	155
FI-189	JASX 66-67	153
FI-191	JASX 77-78	178
FI-192	JASX 66-67	153
FI-193	JASX 66-67	153
FI-194	JASX 80-81	154
FI-195	JASX 80-81	154
FI-196	JASX 36-37	151
FI-197	JASX 36-37	151
FI-198	JASX 34-30	151
FI-200	JASX 74-75	154
FI-304	JAAX 19	233
FI-315	JAAX 12	233
FI-320	JAAX 19	233
FI-321	JAAX 19	233
FI-322	JAAX 19	233
FI-323	JAAX 20	233
FI-324	JAAX 20	233
FI-327	JAAX 19	233
FI-329	JAAX 19	233
FI-330	JAAX 19	233
FI-331	JAAX 9	242
FI-339	JAAX 19	233
FI-340	JAAX 19	233
FI-347	JAAX 19	233
FI-353	JAAX 20	233
FI-354	JAAX 20	233
FI-355	JAAX 32	234
FI-356	JAAX 32	234
FI-357	JAAX 32	234
FI-358	JAAX 20	233
FI-359	JAAX 20	233
FI-360	JAAX 20	233
FI-361	JAAX 20	233
FI-364	JAAX 33	242
FI-368	JAAX 19	233
FI-371	JAAX 20	233
FI-372	JAAX 20	233
FI-373	JAAX 20	233
FI-374	JAAX 20	233
FI-376	JAAX 20	233
FI-378	JAAX 20	233
FI-381	JAAX 32	234
FI-384	JAAX 19	233

KÖMÜRLER / BRUSHES

FUJI	MEGA	SAYFA NO
FI-391	JAAX 32	234
FI-393	JAAX 35	243
FI-398	JAAX 20	233
FI-403	JAAX 33	242
FI-404	JAAX 35	243
FI-406	JAAX 20	233
FI-407	JAAX 32	234
FJ-002	JASX 71	172
FJ-005	JASX 71	172
FJ-007	JASX 85	179
FJ-012	JASX 71-72	172
FJ-016	JASX 88	180
FJ-025	JASX 96-97	173
FJ-026	JASX 98-99	174
FJ-029	JASX 39 C	177
FJ-030	JASX 98-99	174
FJ-125	JASX 35	177
FJ-126	JASX 70	171
FJ-150	JASX 69-70	171
FJ-151	JASX 69-70	171
FJ-178	JASX 69-70	171
FJ-183	JASX 82-83	172
FJ-184	JASX 82-83	172
FJ-189	JASX 70	171
FJ-190	JASX 98-99	174
FJ-191	JASX 70	171
FJ-192	JASX 96-97	173
FJ-192 H	JASX 96-97/K	173
FJ-192-TR	JASX 98-99/K	174
FJ-194	JASX 70	171
FJ-195	JASX 88	180
FJ-200	JASX 70	171
FJ-307	JAAX 16	238
FJ-309	JAAX 25	239
FJ-312	JAAX 25	239
FJ-323	JAAX 9	242
FJ-324	JAAX 24	238
FJ-325	JAAX 25	239
FJ-333	JAAX 9	242
FJ-334	JAAX 25	239
FJ-336	JAAX 24	238
FJ-337	JAAX 24	238
FJ-342	JAAX 24	238
FJ-343	JAAX 31	239
FJ-344	JAAX 24	238
FJ-345	JAAX 31	239
FJ-346	JAAX 33	242
FJ-347	JAAX 34	239
FJ-350	JAAX 35	243

FUJI	MEGA	SAYFA NO
FJ-352	JAAX 36	239
FJ-354	JAAX 34	239
FJ-358	JAAX 35	243
FK-107	JASX 84	179
FK-109	JASX 84	179
FK-113	JASX 66-67	153
FK-114	JASX 66-67	153
FK-115	JASX 89	180
FK-118	JASX 66-67	153
FK-119	JASX 66-67	153
FK-124	JASX 63	178
FK-125	JASX 85	179
FK-127	JASX 63	178
FK-128	JASX 89	180
FK-129	JASX 86-87	179
FK-131	JASX 39 C	177
FK-139	JASX 84	179
FK-140	JASX 84	179
FK-301	JAAX 19	233
FK-302	JAAX 19	233
FK-303	JAAX 9	242
FK-315	JAAX 35	243
FK-316	JAAX 35	243
FM-109	JASX 29	168
FM-121	JASX 70	171
FM-135	JASX 69-70	171
FM-136	JASX 69-70	171
FM-152	JASX 82-83	172
FM-153	JASX 82-83	172
FM-160	JASX 98-99	174
FM-161	JASX 71	172
FM-162	JASX 71	172
FM-164	JASX 70	171
FM-166	JASX 71	172
FM-167	JASX 77-78	178
FM-168	JASX 85	179
FM-171	JASX 85	179
FM-178	JASX 71-72	172
FM-181	JASX 74-75	154
FM-182	JASX 74-75	154
FM-183	JASX 82-83	172
FM-184	JASX 82-83	172
FM-185	JASX 39 C	177
FM-302	JAAX 16	238
FM-304	JAAX 25	239
FM-305	JAAX 25	239
FM-307	JAAX 25	239
FM-309	JAAX 25	239
FM-310	JAAX 16	238

FUJI	MEGA	SAYFA NO
FM-311	JAAX 32	234
FM-312	JAAX 24	238
FM-313	JAAX 9	242
FM-314	JAAX 24	238
FM-315	JAAX 24	238
FM-317	JAAX 9	242
FM-318	JAAX 33	242
FM-319	JAAX 34	239
FM-320	JAAX 35	243
FM-321	JAAX 32	234
FM-322	JAAX 32	234
FM-323	JAAX 32	234
FM-324	JAAX 36	239
FM-325	JAAX 34	239
FM-326	JAAX 34	239
FM-327	JAAX 36	239
FN-006	JASX 36-37	151
FN-007	JASX 36-37	151
FN-015	JASX 66-67	153
FN-016	JASX 66-67	153
FN-018	JASX 36-37	151
FN-027	JASX 70	171
FN-028	JASX 70	171
FN-030	JASX 98-99	174
FN-031	JASX 96-97	173
FN-126	JASX 29	168
FN-127	JASX 29	168
FN-197	JASX 56-3/0	152
FN-302	JAAX 12	233
FN-305	JAAX 19	233
FN-312	JAAX 16	238
FN-317	JAAX 19	233
FN-318	JAAX 25	239
FN-330	JAAX 20	233
FN-331	JAAX 20	233
FN-333	JAAX 19	233
FN-336	JAAX 16	238
FN-342	JAAX 20	233
FN-343	JAAX 24	238
FN-344	JAAX 20	233
FN-346	JAAX 20	233
FN-349	JAAX 31	239
FN-352	JAAX 24	238
FN-355	JAAX 20	233
FN-356	JAAX 32	234
FN-357	JAAX 20	233
FN-359	JAAX 20	233
FN-360	JAAX 20	233
FN-361	JAAX 20	233

KÖMÜRLER / BRUSHES

FUJI	MEGA	SAYFA NO
FN-362	JAAX 20	233
FN-368	JAAX 32	234
FN-372	JAAX 31	239
FN-373	JAAX 32	234
FN-376	JAAX 32	234
FN-377	JAAX 20	233
FN-379	JAAX 20	233
FN-380	JAAX 20	233
FN-382	JAAX 34	239
FN-383	JAAX 36	239
FN-385	JAAX 32	234
FN-389	JAAX 20	233
FN-390	JAAX 32	234
FN-391	JAAX 37	234
FN-393	JAAX 37	234
FN-394	JAAX 36	239
FN-395	JAAX 37	234
FN-396	JAAX 37	234
FN-400	JAAX 36	239
FN-402	JAAX 37	234
FO-301	JAAX 20	233
FO-302	JAAX 20	233
FR-302	JAAX 9	242
FR-303	JAAX 33	242
FS-125	JASX 39 C	177
FS-127	JASX 85	179
FS-301	JAAX 9	242
FS-304	JAAX 9	242
FS-309	JAAX 35	243
FS-310	JAAX 35	243
FT-114	JASX 63	178
FS-123	JASX 53	178
FT-124	JASX 84	179
FT-127	JASX 84	179
FT-128	JASX 88	180
FT-129	JASX 89	180
FT-130	JASX 85	179
FT-133	JASX 77-78	178
FT-139	JASX 84	179
FT-140	JASX 52	177
FT-142	JASX 88	180
FT-143	JASX 39 C	177
FT-147	JASX 84	179
FT-148	JASX 84	179
FT-149	JASX 84	179
FT-150	JASX 84	179
FT-151	JASX 84	179
FT-305	JAAX 9	242
FT-313	JAAX 33	242

FUJI	MEGA	SAYFA NO
FT-314	JAAX 38	243
FT-315	JAAX 38	243
FT-316	JAAX 35	243
FT-317	JAAX 35	243
FT-318	JAAX 35	243
FT-319	JAAX 33	242
FU-101	JASX 88	180
FV-301	JAAX 20	233
FV-302	JAAX 20	233
FW-111	JASX 94-95	155
FW-112	JASX 94-95	155
FW-116	JASX 84	179
FW-117	JASX 84	179
FW-301	JAAX 20	233
FW-302	JAAX 20	233
FW-303	JAAX 9	242
FY-105	JASX 36-37	151
FY-106	JASX 36-37	151
FY-111	JASX 66-67	153
FY-112	JASX 66-67	153
FY-113	JASX 80-81	154
FY-114	JASX 80-81	154
FY-123	JASX 92-93	154
FY-124	JASX 92-93	154
FY-125	JASX 92-93	154
FY-126	JASX 92-93	154
FY-127	JASX 94-95	155
FY-128	JASX 94-95	155
FY-129	JASX 94-95	155
FY-130	JASX 94-95	155
FY-138	JASX 36-37	151
FY-139	JASX 36-37	151
FY-140	JASX 84	179
FY-143	JASX 36-37	151
FY-148	JASX 74-75	154
FY-149	JASX 94-95	155
FY-150	JASX 94-95	155
FY-151	JASX 36-37	151
FY-153	JASX 94-95	155
FY-155	JASX 84	179
FY-156	JASX 84	179
FY-157	JASX 77-78	178
FY-158	JASX 85	179
FY-159	JASX 88	180
FY-302	JAAX 20	233
FY-303	JAAX 20	233
FY-304	JAAX 20	233
FY-305	JAAX 20	233
FY-306	JAAX 19	233

FUJI	MEGA	SAYFA NO
FY-307	JAAX 20	233
FY-309	JAAX 20	233
FY-313	JAAX 19	233
FY-314	JAAX 19	233
FY-315	JAAX 20	233
FY-317	JAAX 9	242
FY-318	JAAX 34	239
FY-321	JAAX 32	234
FZ-107	JASX 84	179
FZ-108	JASX 88	180
FZ-109	JASX 63	178
FZ-301	JAAX 9	242
2120-02601	JASX 95	155
2120-1311	JASX 56-3	152
2120-7312	JASX 56-3/0	152
2130-01310	JASX 95	155
2130-01312	JASX 92	154
2130-02312	JASX 92	154
2130-03311	JASX 92	154
2130-04311	JASX 92	154
2130-04312	JASX 93	154
2130-05312	JASX 36	151
2130-07311	JASX 93	154
2130-07312	JASX 75	154
2130-08311	JASX 37	151
2130-13111	JASX 74	153
2130-23112	JASX 74	153
2130-6312	JASX 34-30	151
2240-01311	JASX 75	154
2240-01312	JASX 75	154
2250-1322	JASX 31	150
2250-01324	JASX 95	155
2250-02323	JASX 94	155
2250-04322	JASX 95	155
2250-05322	JASX 37	151
2250-05323	JASX 37	151
2280-1312	JASX 27	150
2280-1313	JASX 26	150
FJ-026	JASX 98-99 K CU	261
FJ-030	JASX 98-99 K CU	261
FJ-190	JASX 98-99 K CU	261
FM-160	JASX 98-99 K CU	261
FN-030	JASX 98-99 K CU	261
JMTSX-55	JASX 98-99 K CU	261

HITACHI	MEGA	SAYFA NO
2114-04313	JASX 57	152
2114-05312	JASX 66	153
2114-08312	JASX 58	157

KÖMÜRLER / BRUSHES

HITACHI	MEGA	SAYFA NO
2114-08313	JASX 67	153
2114-2313	JASX 32-33	150
2114-23124	JASX 50	151
2114-3315	JASX 66	153
2114-53126	JASX 55	152
2114-59002	JASX 80	154
2114-63121	JASX 50	151
2114-63125	JASX 49	151
2114-63126	JASX 54	152
2114-6313	JASX 67	153
2114-6313	JASX 67	153
2114-69002	JASX 81	154
2114-73122	JASX 50	151
2114-73123	JASX 59	153
2114-83121	JASX 51	151
2114-83122	JASX 50	151
2114-83123	JASX 60	153
2114-8313	JASX 67	153
2114-93122	JASX 50	151

ISKRA	MEGA	SAYFA NO
16 770 002	BX 202	209
16 770 114	BX 202	209
16 770 188	JX 42	231
16 770 206	PX 60	245
16 905 13	JSX 13	140
16 905 226	BSX 96	106
16 905 235	BSX 157-158	113
16 905 247	BSX 151	112
16 905 294	BSX 102	108
16 905 375	BSX 135-145	110
16 905 376	BSX 134-144	109
16 905 380	BSX 100	107
16 905 387	BSX 34	100
16 905 388	BSX 34	100
16 905 389	BSX 35	100
16 905 392	BSX 96	106
16 905 767	BSX 102	108
16 905 825	BSX 139	110
16 970 206	PX 60	245
16.905.226	BSX 86-87 CU	256
16.905.392	BSX 86-87 CU	256

LUCAS	MEGA	SAYFA NO
227 305	LAX 9	235
227 541	LAX 23	236
251 108	LASX 5-6	158
271 735	LASX 15-16	158
271 735-1	LASX 15-27	160

LUCAS	MEGA	SAYFA NO
54 202 906	LAX 82	238
54 203 641	LAX 80-81/0	237
54 213 117	LAX 23	236
54 244 848	LASX 40-41	161
54 244 979	LASX 42	162
54 258 592	LASX 31	160
54 259 517	LASX 36	161
60 600 056	LASX 40-41	161
60 600 205	LASX 46-47-48	162
60 600 767	LASX 73-41	162
60 600 780	LAX 80-81/0	237
60 600 911	LASX 87-77-78	163
60 600 953	LASX 86-79-80	163
TAB 106	LASX 30-31-32	160
TAB 114	LASX 46-47-48	162
TAB 117	LASX 40-41	161
TAB 118	LASX 36	161
TAB 119	LASX 31	160
TAB 125	LASX 15-27	160
TAB 128	LASX 5-6	158
TAB 131	LASX 87-77-78	163
ULB 109	LAX 30	236
271735	LASX 15-16 CU	159
TAB125	LASX 15-16 CU	159
TAJ203	JASX 69-70 CU	261

MAGNETI MARELLI	MEGA	SAYFA NO
400 5010	JSX 9	140
404 2681	JX 16	141
404 5771	JSX 13	140
404 8287	JSX 6	140
407 3386	JSX 15	141
411 4432	JSX 16	141
417 4892	JSX 18	141
418 5547	JSX 19	141
419 0088	JX 30	230
425 5496	JSX 16	141
425 9228	JSX 5	140
427 8940	JX 30	230
429 7856	JX 30	230
447 5148	JSX 13	140
447 5184	JSX 13	140
5127 0652	JSX 21	142
5127 0764	JSX 31	143
5127 0765	JSX 32	143
5127 0803	JSX 29-30	143
5127 0805	JSX 29-30	143
5174 5137	JSX 33	143
5174 5138	JSX 34	143

MAGNETI MARELLI	MEGA	SAYFA NO
5420 2906	JX 43	232
7043 4401	BSX 35	100
7216 1301	MASX 26	166
7216 1302	MASX 25	166
7216 1303	MASX 28	166
7216 1304	MASX 27	166
7216 2401	MASX 22	166
7216 2402	MASX 21	166
7216 2403	MASX 24	166
7216 2404	MASX 23	166
7216 3201	MASX 13	165
7236 3202	MASX 14	165
7236 3203	MASX 15	165
7236 3204	MASX 16	165
7236 3205	MASX 15	165
7236 3206	MASX 16	165
7236 3207	MASX 15	165
7237 0901	BSX 12	100
7237 0902	BSX 12	100
7238 3701	MASX 17	165
7238 3702	MASX 18	165
7238 3703	MASX 19	165
7238 3704	MASX 20	165
7238 3705	MASX 19	165
7238 3706	MASX 20	165
7435 0331	BSX 36	101
7437 1190	BSX 12	100
7437 1200	BSX 12	100
7437 1260	BSX 43	101
7470 2610	JSX 9	140
7471 3201	JSX 6	140
7473 4101	JSX 15	141
7483 8701	JSX 18	141
7484 6001	JSX 19	141
7486 1781	JSX 16	141
7486 8171	JSX 5	140
7487 4701	JSX 13	140
7487 4741	JSX 13	140
7488 0941	JSX 21	142
7489 3801	JSX 29-30	143
7489 3811	JSX 29-30	143
7489 4381	JSX 31	143
7489 4391	JSX 32	143
7489 9061	JSX 31	143
7489 9071	JSX 32	143
7493 0001	JX 16	230
7499 5241	JX 30	230
7499 9471	JX 30	230
7901 9316	MASX 17	165

KÖMÜRLER / BRUSHES

MAGNETI MARELLI	MEGA	SAYFA NO
7901 9317	MASX 18	165
7970 5021	JX 42	231
7970 7451	JX 42	231
80 5581	JSX 5	140
80 9775	JSX 6	140
8322 0401	JSX 33	143
8322 0411	JSX 34	143
8322 1191	JSX 35	143
8322 1201	JSX 36	143
8322 1681	JSX 37	144
8322 2631	JSX 33	143
8322 2651	JSX 34	143
8322 4481	JSX 38	144
8322 4621	JSX 42	145
8322 5264	JSX 39	144
8322 5265	JSX 40	144
8322 5266	JSX 41	144
8322 6189	JSX 38	146
8322 6919	JSX 53	146
8322 6920	JSX 54	146
8322 7258	JSX 33	143
8322 7470	JSX 59	45
8322 7490	JSX 40	144
8322 7491	JSX 39	144
8322 7657	JSX 63	146
8322 8257	JSX 34	143
85 3160	JSX 9	140
991 1443	BSX 36	143
992 7791	MASX 13	165
992 7792	MASX 14	165
992 8448	MASX 16	165
992 9080	MASX 15	165
993 5196	MASX 17	165
993 5197	MASX 18	165
995 6552	MASX 18	165
995 6556	MASX 17	165
940 113 190 032	BX 208	220
940 113 190 199	BSX 33 CU	256
AMS0199	BSX 33 CU	256

MITSUBISHI	MEGA	SAYFA NO
A647X00771	JAAX 24	238
A647X10771	JAAX 24	238
A648C02970	JAAX 34	239
A648D01070	JAAX 25	239
A648D01071	JAAX 24	238
A648D01670	JAAX 24	238
A648D01671	JAAX 24	238
A648D01970	JAAX 31	239z

MITSUBISHI	MEGA	SAYFA NO
A648D01971	JAAX 31	239
A648D02070	JAAX 24	238
A648D02271	JAAX 24	238
A648D02570	JAAX 34	239
A648D02571	JAAX 34	239
A648D02770	JAAX 36	239
A648D03070	JAAX 36	239
A649T02971	JAAX 25	239
A649X04070	JAAX 24	238
A990D03070	JAAX 36	239
M647C00271	JASX 40	239
M647C00272	JASX 40	239
M647C00371	JASX 42	169
M647C00571	JASX 40	169
M647C00573	JASX 40	169
M647C00671	JASX 42	169
M647C00871	JASX 40	169
M647C01771	JASX 42	169
M647X02071	JASX 40	169
M647X02671	JASX 40	169
M647X03471	JASX 44-28	169
M647X04571	JASX 44-28	169
M647X05571	JASX 44-28	169
M647X05871	JASX 44-28	169
M648C10171	JASX 29	168
M648C10371B	JASX 70	171
M648C10671	JASX 29	168
M648C12170	JASX 69	171
M648C12370	JASX 69	171
M648C13770	JASX 70	171
M648C14870	JASX 83	172
M648C14871	JASX 83	172
M648C14970	JASX 82	172
M648C14971	JASX 82	172
M648C15070	JASX 83	172
M648C15372	JASX 98	174
M648C15472	JASX 99	174
M648C20371	JASX 47	170
M648C22371	JASX 47	170
M648C24471	JASX 48	170
M648C24472	JASX 48	170
M648C25671	JASX 71	172
M648C25672	JASX 72	172
M648C26371	JASX 96-97	173
M648C31171	JASX 41	169
M648C32971	JASX 43	169
M648C35871	JASX 100	174
M648C35871	JASX 100	174
M648D20671	JASX 48	170

MITSUBISHI	MEGA	SAYFA NO
M648D20771	JASX 48	170
M648X28271	JASX 98-99	174
M648X28671	JASX 96-97	173
M649T04372	JASX 90	173
M649T04372	JASX 90	173
MD602018	JAAX 25	239
MD602019	JAAX 25	239
MD602069	JASX 70	171
MD602226	JAAX 25	239
MD602458	JAAX 16	238
MD602468	JASX 69-70	171
MD602470	JASX 69-70	171
MD602750	JAAX 25	239
MD602783	JAAX 24	238
MD602797	JAAX 25	239
MD604018	JAAX 9	242
MD604240	JASX 22	176
MD604643	JASX 39	177
MD604916	JASX 85	179
MD607373	JAAX 24	238
MD607389	JASX 69-70	171
MD607420	JASX 69-70	171
MD607554	JASX 82-83	172
MD607556	JASX 82-83	172
MD607949	JASX 70	171
MD611024	JASX 71	172
MD611035	JAAX 34	239
MD611216	JASX 40-41	169
MD611217	JASX 40-41	169
MD611566	JAAX 34	239
MD611689	JAAX 36	239
MD611731	JASX 42-43	169
MD611918	JASX 42-43	169
MD618460	JASX 98-99	174
ME021981	JAAX 9	242
ME700047	JASX 71-72	172
ME700127	JASX 98-99	174
ME700140	JASX 96-97	173
ME700290	JASX 71-72	172
ME700424	JAAX 31	239
ME700858	JASX 71	172
ME700939	JASX 71-72	172
ME701169	JASX 96-97	173
ME701186	JAAX 31	239
ME701188	JASX 98-99	174
ME702997	JAAX 33	242
MM502344	JASX 70	171
MM502377	JAAX 31	239
618 691	USX 91-92	139

KÖMÜRLER / BRUSHES

MITSUBISHI	MEGA	SAYFA NO
075 411	PX 52-54	245
A647X50170	JAAX 36 ST	241
A647X50270	JAAX 36 ST	241
A647X50870	JAAX 36 ST	241
MD618570	JAAX 36 ST	241
MD618689	JAAX 36 ST	241
MD618815	JAAX 36 ST	241
MD618851	JAAX 36 ST	241
ME701349	JAAX 36 ST	241
M648C15372	JASX 98-99 K CU	261
M648C15372472	JASX 98-99 K CU	261
M648C15472	JASX 98-99 K CU	261
M648C26370	JASX 98-99 K CU	261
M648C28271	JASX 98-99 K CU	261
M648C28671	JASX 98-99 K CU	261
M648X28271	JASX 98-99 K CU	261
M648X28671	JASX 98-99 K CU	261
M648X40671	JASX 98-99 K CU	261
M649T15372	JASX 98-99 K CU	261
MD618460	JASX 98-99 K CU	261
ME700127	JASX 98-99 K CU	261
ME701188	JASX 98-99 K CU	261
M648C10371	JASX 69-70 CU	261
M648C13770	JASX 69-70 CU	261
MD602468	JASX 69-70 CU	261
MD602470	JASX 69-70 CU	261
MD607389	JASX 69-70 CU	261

VALEO	MEGA	SAYFA NO
092 859	SVX 7	246
092 967	SVX 7	246
095 788	PX 52-54	245
095 984	PX 52-54	245
096 026	PX 52-54	245
096 304	PX 52-54	245
096 322	PX 52-54	245
096 334	PX 52-54	245
182 051	PSX 138-139	188
182 054	PSX 140-141	188
182 064	PSX 115-116	186
182 065	PSX 129	186
182 066	PSX 133	187
182 067	PSX 133	187
182 068	PSX 130	187
182 071	PSX 115-116	186
182 114	PSX 81-82	184
182 116	PSX 115-116	186
182 118	PSX 132	187
182 132	PSX 83-84	185

VALEO	MEGA	SAYFA NO
182 134	PSX 83-84	185
182 145	PSX 83-84	185
182 146	PSX 112	185
182 194	USX 44-21	138
20 856	USX 73-85	138
300 679	PSX 81-82	184
300 687	PSX 130	187
300 706	PSX 133	187
300 722	PX 60	245
300 796	SVX 7	246
300 821	SVX 7	246
583 041	USX 91-92	139
594 060	PSX 148-149/0	190
594 062	PSX 148-149/0	190
594 063	PSX 148-149/0	170
594 065	PSX 129	166
594 066	PSX 133	167
606 384	USX 73-85	121
608 267	UX 79-80/0	196
608 272	UX 79-80/0	196
609 592	USX 73-85	138
609 778	USX 73-85	138
618 481	USX 60-59	138
618 491	USX 73-85	138
618 570	USX 60-59	138
72 592	PSX 115-116	186
72 617	PSX 115-116	186
72 619	PSX 115-116	186
72 630	PSX 83-84	185
72 631	PSX 81-82	184
72 734	PSX 115-116	186
73 829	PSX 115-116	186
75 217	USX 44-21	138
75 238	USX 60-59	138
75 411	PX 52-54	245
75 707	PSX 132	187
78 865	PSX 83-84	185
78 900	PSX 112	185
92 435	PSX 115-116	186
92 655	PSX 115-116	186
92 878	PSX 129	186
92 883	PSX 130	187
92 914	PSX 133	187
92 925	PSX 132	187
594 286	PSX 89-90	185
182 070	PSX 119-120	186
182 073	PSX 122-123-124	186
300 841	PSX 136-137	188
0 1089 1	BSX 206-207	120

VALEO	MEGA	SAYFA NO
0 1094 1	BSX 216-217	121
0 1096 1	BSX 220-221	121
0 1098 1	BSX 233 (4)	123
0 1099 1	BSX 36	101
0 1100 1	BSX 12	100
0 1102 1	BSX 33	100
0 1103 1	BSX 34	100
0 1104 1	BSX 35	100
0 1105 1	BSX 39	101
0 1106 1	BSX 43	101
0 1121 1	BSX 70	102
0 1123 1	BSX 74	102
0 1124 1	BSX 75	103
0 1125 1	BSX 76	104
0 1127 1	BSX 85	105
0 1132 1	BSX 96	106
0 1136 1	BSX 100	107
0 1138 1	BSX 102	108
0 1147 1	BSX 134-144	109
0 1148 1	BSX 135-145	110
0 1149 1	BSX 137-143	110
0 1151 1	BSX 139	110
0 1152 1	BSX 140	111
0 1154 1	BSX 146	111
0 1155 1	BSX 147	111
0 1156 1	BSX 148	111
0 1157 1	BSX 149	112
0 1158 1	BSX 151	112
0 1162 1	BSX 152	112
0 1163 1	BSX 156	113
0 1165 1	BSX 157-158	113
0 1166 1	BSX 159-160	114
0 1168 1	BSX 163-164	114
0 1169 1	BSX 165	115
0 1170 1	BSX 197	118
0 1171 1	BSX 170-171	115
0 1172 1	BSX 172-173	115
0 1173 1	BSX 166	115
0 1174 1	BSX 177	116
0 1175 1	BSX 175-176	116
0 1176 1	BSX 178-179	116
0 1177 1	BSX 180-181	116
0 1179 1	BSX 186	117
0 1183 1	BSX 190-191	117
0 1184 1	BSX 192-193	118
0 1186 1	BSX 194-195	118
0 1187 1	BSX 196	118
0 1209 1	BSX 238	124
0 1212 1	BSX 234-235	124

KÖMÜRLER / BRUSHES

VALEO	MEGA	SAYFA NO
0 1215 1	BSX 233 (6)	124
0 1216 1	BSX 229-230	123
0 1219 1	BSX 224-225	122
0 1220 1	BSX 222-223	121
0 1250 1	RX 120	130
0 1251 1	RX 120	130
0 1252 1	RX 911	136
0 1254 1	RX 419-420	136
0 1255 1	RX 457-458	136
0 1256 1	RX 122 H	132
0 1257 1	RX 124 H	133
0 1262 1	RX 119	229
0 1263 1	RX 140-141	229
0 1266 1	RX 103	228
0 1267 1	RX 103 F	228
0 1269 1	RX 106	228
0 1270 1	RX 117	229

İKA	MEGA	SAYFA NO
0 1272 1	RX 913-914	137
0 1280 1	RX 122	131
0 1281 1	RX 124	132
0 1282 1	RX 134	133
0 1283 1	RX 135	134
0 1284 1	RX 60	128
0 1285 1	RX 70	129
0 1287 1	RX 87	129
0 1290 1	RX 132-133	229
0 1294 1	RX 120/0 (2)	130
0 1295 1	RX 120/0(4)	130
0 1296 1	RX 92	130
0 1321 1	UX 79-80/0	244
0 1351 1	USX 44-21	138
0 1355 1	USX 60-59	138
0 1361 1	USX 73-85	138
0 1367 1	USX 91-92	139
0 1405 1	JX 16	230
0 1415 1	JX 30-31	230
0 1433 1	JX 42	231
0 1434 1	JX 43	232
0 1451 1	JSX 5	140
0 1454 1	JSX 9	140
0 1457 1	JSX 13	140
0 1458 1	JSX 15	141
0 1459 1	JSX 16	141
0 1461 1	JSX 18	141
0 1462 1	JSX 19	141
0 1464 1	JSX 21-22	142
0 1466 1	JSX 23-24-28	142

İKA	MEGA	SAYFA NO
0 1470 1	JSX 31-32	143
0 1471 1	JSX 33-34	143
0 1472 1	JSX 35-36	143
0 1473 1	JSX 35-37	143
0 1474 1	JSX 38-39-40	144
0 1475 1	JSX 38-41	144
0 1478 1	JSX 43-45-44 (4)	145
0 1490 1	JSX 70-71	146
0 1492 1	JSX 74-75-76-77	147
0 1526 1	FX 67	232
0 1527 1	FX 70-71	148
0 1528 1	FX 70-72	148
0 1550 1	LAX 9	235
0 1553 1	LAX 23	236
0 1558 1	LAX 29	236
0 1559 1	LAX 30	236
0 1561 1	LAX 31-32	237
0 1569 1	LAX 80-81/0	237
0 1570 1	LAX 82	238
0 1692 1	PLX 10	244
0 1603 1	LASX 76	163
0 1604 1	LASX 5-6	158
0 1608 1	LASX 15-16	158
0 1609 1	LASX 15-27	160
0 1612 1	LASX 46-47-48	162
0 1613 1	LASX 30-31-32	160
0 1614 1	LASX 31	160
0 1615 1	LASX 36	161
0 1617 1	LASX 40-41	161
0 1618 1	LASX 42	162
0 1621 1	LASX 73-41	162
0 1623 1	LASX 86-79-80	163
0 1624 1	LASX 87-77-78	163
0 1663 1	MASX 13-14	165
0 1664 1	MASX 15-16	165
0 1665 1	MASX 17-18	165
0 1666 1	MASX 19-20	165
0 1668 1	MASX 21-22	166
0 1669 1	MASX 23-24	166
0 1670 1	MASX 25-26	166
0 1671 1	MASX 27-28	166
0 1690 1	PLSX 3	183
0 1712 1	PX 52-54	245
0 1719 1	PX 60	245
0 1746 1	PSX 81-82	184
0 1747 1	PSX 89-90	185
0 1750 1	PSX 83-84	185
0 1755 1	PSX 112	185
0 1757 1	PSX 115-116	186

İKA	MEGA	SAYFA NO
0 1760 1	PSX 119-120	186
0 1761 1	PSX 122-123-124	186
0 1766 1	PSX 129	186
0 1767 1	PSX 130	187
0 1769 1	PSX 132	187
0 1770 1	PSX 133	187
0 1771 1	PSX 136-137	188
0 1774 1	PSX 148-149/0	190
0 1775 1	PSX 138-139	188
0 1776 1	PSX 140-141	188
0 1779 1	PSX 142-143	189
0 1781 1	SVX 7	246
0 1782 1	SVX 10	246
0 1800 1	HPIX 1	248
0 1802 1	HPIX 3	248
0 1803 1	HPIX 4	248
0 1900 1	JAAX 9	242
0 1901 1	JAAX 12	233
0 1902 1	JAAX 16	238
0 1905 1	JAAX 20	233
0 1906 1	JAAX 19	233
0 1909 1	JAAX 31	239
0 1910 1	JAAX 24	238
0 1911 1	JAAX 25	239
0 1912 1	JAAX 32	234
0 1913 1	JAAX 33	242
0 1914 1	JAAX 34	239
0 1915 1	JAAX 35	243
0 1916 1	JAAX 36	239
0 1917 1	JAAX 28	242
0 1918 1	JAAX 37	234
0 1919 1	JAAX 38	243
0 1933 1	JASX 101-102	180
0 1933 1	JASX 101-102	180
0 1934 1	JASX 34-30	151
0 1935 1	JASX 35	177
0 1937 1	JASX 36-37	151
0 1938 1	JASX 39	177
0 1939 1	JASX 39 C	177
0 1940 1	JASX 14	176
0 1941 1	JASX 44-28	169
0 1942 1	JASX 15-6 (4)	150
0 1943 1	JASX 1	175
0 1945 1	JASX 22	176
0 1946 1	JASX 2	175
0 1948 1	JASX 49-61	151
0 1949 1	JASX 29	168
0 1950 1	JASX 59-60	153
0 1951 1	JASX 32-33	150

KÖMÜRLER / BRUSHES

İKA İKA	MEGA	SAYFA NO
0 1952 1	JASX 31	150
0 1953 1	JASX 40-41	169
0 1954 1	JASX 42-43	169
0 1956 1	JASX 45-46	170
0 1957 1	JASX 47-48	170
0 1958 1	JASX 56-3/0	152
0 1959 1	JASX 56-3	152
0 1960 1	JASX 57-58	152
0 1961 1	JASX 50-51	151
0 1962 1	JASX 52	177
0 1963 1	JASX 53	178
0 1964 1	JASX 54-55	152
0 1966 1	JASX 63	178
0 1967 1	JASX 70	171
0 1969 1	JASX 66-67	153
0 1971 1	JASX 69-70	171
0 1972 1	JASX 71-72	172
0 1973 1	JASX 71	172
0 1974 1	JASX 74-75	154
0 1975 1	JASX 74	153
0 1977 1	JASX 77-78	178
0 1978 1	JASX 26-27	150
0 1979 1	JASX 24-25	175
0 1980 1	JASX 23	168
0 1982 1	JASX 80-81	154
0 1983 1	JASX 82-83	172
0 1984 1	JASX 84	179
0 1985 1	JASX 85	179
0 1986 1	JASX 86-87	179
0 1987 1	JASX 21 (4)	175
0 1988 1	JASX 88	180
0 1989 1	JASX 90	173
0 1990 1	JASX 91	173
0 1991 1	JASX 89	180
0 1996 1	JASX 18-19	176
0 1997 1	JASX 79	179
0 1998 1	JASX 16-17	164
0 1999 1	JASX 100	174
0 1473 1	JSX 35-37 CU	260

FORD VISTEON	MEGA	SAYFA NO
F7RU-11434-BA	FX 74	148
F7 RU-11056-CA	FX 75	149
1C3U-11434-AA	FX 76-77	149

FORD VISTEON	MEGA	SAYFA NO
F00U-11055-AA	FX 70-71	148
F00U-11056-AA	FX 70-71	148
F00U-11056-AA	FX 70-72	148
F3RU-11055-AA	FX 70-72	148
F1DU-10260-AA	FX 67	232
502 680 6	FX 68	232
5 026 806	FX 73	148

 SKC KARBON

SKC Karbon; 1999 yılından bu yana, deneyimli ekibi ve gelişmiş makine parkuru ile %100 yerli işlenmiş karbon-grafit ürünlerinin imalatını gerçekleştirerek farklı sanayi tesislerine hizmet vermektedir.

Grafit ürün yelpazemizde cam, alüminyum, elmaslı kesici takım uygulamalarına yönelik karmaşık geometriye özel grafit ürünlerinin yanı sıra; karbon grafit yataklar, sızdırmazlık karbonları, pompa palet kömürleri, karbon fırçalar, akım baraları, sürekli döküm kokilleri, pantograf kömürleri yer almaktadır. Makine mühendisliği, metalürji, kimya sanayi, enerji üretimi, çevre teknolojisi, cam/seramik sanayi portföyümüzdeki ürünlerin hitap ettiği sektörlerden bazıları olup, küresel kalite anlayışı ile bütünleşerek sanayimize en iyi hizmeti vermek firmamızın en önemli hedefidir.

SKC Karbon dünyaca tanınmış üretici firmaların Türkiye temsilciliğini üstlendiği gibi, bu firmaların sertifikalı malzemelerini de kendi üretiminde kullanmaktadır.

SKC Karbon has been providing service to different industries by manufacturing top quality carbon graphite products with its experienced team and state of the art machinery park since 1999.

Our product portfolio consists of Carbon-Graphite Bearings, Impermeability Carbons, Carbon Vanes, Industrial Carbon Brushes, Current Bars, Continuous Casting Tools and Carbon Current Collectors along with complex geometry Special Graphite products consumed in various industries such as Glass, Aluminum, EDM, Heat Treatment applications and so on. Machine Engineering, Metallurgy, Chemical Industry, Energy Generation, Environment Technology, Glass / Ceramic Industry are some of many industries where our products are widely used. Our most important goal is to provide best service to the industry by integrating with global quality concept. SKC Karbon provides excellent products made with certified raw materials manufactured by top global graphite manufacturers.



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ACEL

e l e k t r i k

2008 yılında kurulan Acel Elektrik San. Tic. Ltd. Şti., Gemlik Bursa serbest bölgesinde, elektronik sektörünün uluslararası markası Phoenix Contact markalı çeşitli klemenslerin imalatına başlamıştır.

2011 yılında Phoenix Contact GmbH Almanya, Acel Elektrik'e ortak olmuş ve imalat hattı genişletilmiştir. Günümüzde ülkemizde üretilen 400'ün üzerinde çeşidi ile Phoenix Contact klemensleri dünyanın dört tarafına ihraç edilmektedir. Acel Elektrik yüksek kalitesi, zamanında sevkiyat performansı ve yüksek kaliteli imalatı sayesinde pek çok ürün için dünyada "Tek Tedarikçi" ilan edilmiştir.

Üretilen ürünler UL, CSA, FM, VDE, ATEX sertifikalarına sahiptir. 2012 yılında imalat hattına dahil edilen gelişmiş kalıp ve enjeksiyon hatları ile hammadde ülkemizden temin edilmektedir.

Acel Elektrik, bugün 180'den fazla çalışanı ve %100 ihracat oranı ile ülke ekonomisine önemli katkıda bulunmaktadır.



Acel Elektrik San. Tic. Ltd Sti, founded in 2008, manufactures terminal blocks of Phoenix Contact, a global player in the industry, located in Bursa Free Zone in Gemlik, Bursa.

In 2011 Phoenix Contact GmbH Germany became shareholder of Acel Elektrik and the company has been expanding its manufacturing base since then. Today several hundred different types of Phoenix Contact terminal blocks are produced in Turkey, and Acel Elektrik exports all of its manufacturing 100%. Acel Elektrik is recognized as a reliable supplier for its high quality and just in time shipment performance. All products possess UL, CSA, FM, VDE and ATEX certifications. All raw materials are manufactured in Turkey with advanced automated injection lines.

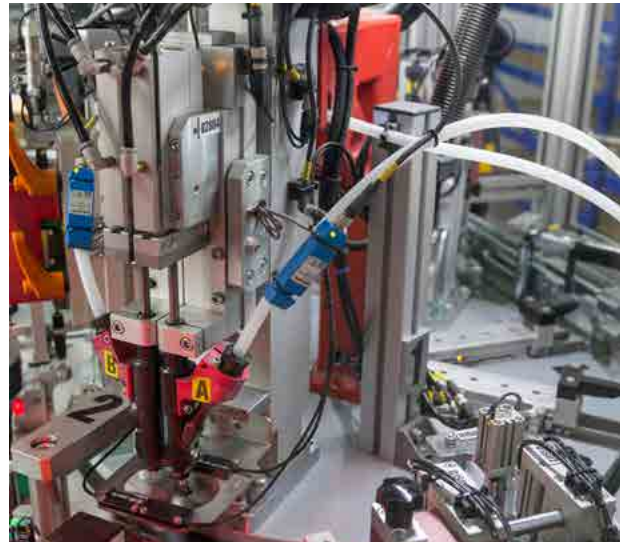
Acel Elektrik today contributes to Turkish Economy with % 100 export and employs over 180 people.



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