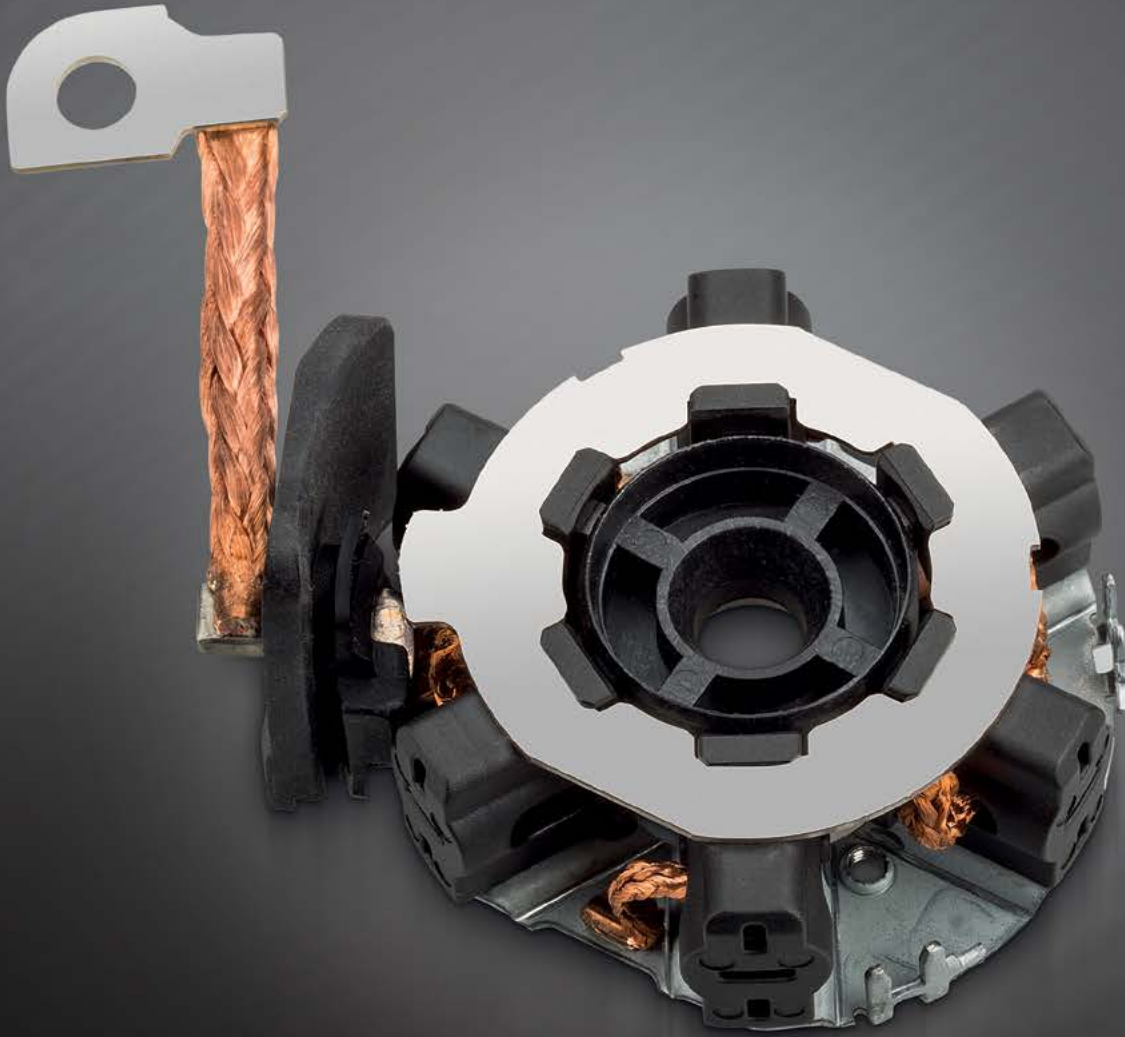


50⁺yıl/years



2017 / 2018 «

KARDEŞ

Elektrik Sanayi ve Ticaret A.Ş.

OTO KÖMÜRLERİ VE KÖMÜR YUVALARI
CARBON BRUSHES AND BRUSH HOLDERS

KARDEŞ

Elektrik Sanayi ve Ticaret A.Ş.



1960'lı yılların başından beri otomotiv karbon fırça - oto kömür imalatı, Kardeş Elektrik için ana üretim konularından biri olmuştur. Bugün Kardeş Elektrik, Türkiye yedek parça üretici pazarında konusunda lider bir kuruluş olmakla beraber, yurt dışı pazarlarda genişleme faaliyetlerine devam etmektedir. 2007 yılından itibaren, fırça taşıyıcısı, kömür yuvaları da her yıl artacak çeşidi ile bir proje içerisinde üretim programımızda yerini almıştır.

Amacımız, ISO 9001:2008 kalite sistemine inanmış ekibimiz ve tedarikçilerimiz ile teknoloji ve yeni ürünlere yatırımlarımızı devam ettirerek müşteri memnuniyetini devamlı kılmaktır. Bu katalog, otomotiv endüstrisinde kullanılan, oto kömürü ve kömür yuva çeşitlerinin büyük kısmını içermektedir. Katalogda yer almayan ürünler için, lütfen bizimle iletişime geçiniz

Taşınıyoruz...

Temmuz 2017'den itibaren Akpınar-Hadımköy'de 12.500 m² alan üzerinde kurulu yeni Fabrikamız'da sizlere hizmet vermeye devam edeceğiz. Köklerini geçmişten alan sanayici yetkinliğimiz ile gelecek için yenilenerek 50+ yıldır Türk Sanayi'ne verdiğimiz hizmet kalitesini sürekli yukarılara taşıyarak en iyiye ulaşmak ilk hedefimizdir.

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

Kardeş Elektrik Yakında Yeni Tesislerinde



Manufacturing and distribution of carbon brushes for automotive industry has been core business for Kardeş Elektrik since early 1960's. Kardeş Elektrik is the leading carbon brush manufacturer in Turkey both in spare parts and OEM markets and continues its activities in various export markets.

In 2007, Kardeş Elektrik started manufacturing carbon brush holders and will expand their range continuously.

Our target is to continue customer satisfaction with our team and suppliers under ISO 9001:2008 quality management system, while investing in technology as well as new products. This catalogue contains a large portion of carbon brushes and brush holders for automotive industry; however, for types not listed in this catalogue feel free to contact us.

We Are Moving...

Starting from July 2017, We will be serving at our new factory which is builded on 12.500 m² at Akpınar-Hadimkoy location. Our vision is to increase service quality continuously and to reach the top with our 50+ years experience of industrial ability.

No parts of this publication may be reproduced or distributed in any form or by any means, or stored in a database or retrieval system without prior written permission of Kardeş Elektrik. All brands, manufacturer or supplier names and part numbers mentioned in this catalogue are used for reference purposes only. All information in this catalogue has been obtained through reliable sources; however Kardeş Elektrik does not assume responsibility for incorrect specifications.

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

BO 0751	
BO 1011	8
BO 1021	
BO 1401	
BO 1431	9
BO 1441	
BO 1451	10
BO 1491	
BO 1511	11
BO 1582	
BO 1584	12
BO 1585	
BO 1586	13
BO 1601	
BO 1602	14
BO 1603	
BO 1621	15
BO 1622	
BO 1641	16
BO 1661	
BO 1662	
BO 1711	17
BO 1712	
BO 1761	18
BO 1762	
BO 1763	19
BO 1771	
BO 1851	20
BO 1911	
BO 1931	21
BO 1951	
BO 1971	
BO 1991	
BO 2011	22
BO 2012	
BO 2013	23
BO 2051	
BO 2111	24
BO 2131	
BO 2132	25
BO 2151	
YENİ - NEW BO 2152	
YENİ - NEW BO 2153	26
YENİ - NEW BO 2154	
YENİ - NEW BO 2155	
BO 2171	
BO 2191	27
BO 2192	
YENİ - NEW BO 2211	
YENİ - NEW BO 2212	
BO 2281	28
YENİ - NEW BO 2282	
BO 2301	
BO 2302	29

YENİ - NEW BO 2303	
BO 2331	
BO 2351	
YENİ - NEW BO 2431	30
YENİ - NEW BO 2432	
YENİ - NEW BO 2433	
BO 2441	31

DELCO REMY TİPİ KÖMÜR YUVALARI
DELCO REMY TYPE BRUSH HOLDERS

YENİ - NEW DR 0081	
DR 1341	32
DR 1342	
DR 1351	33
YENİ - NEW DR 1352	
DR 1412	
YENİ - NEW DR 1413	
YENİ - NEW DR 1721	34
YENİ - NEW DR 1741	
YENİ - NEW DR 1761	
YENİ - NEW DR 1781	35
YENİ - NEW DR 1811	
DR 4201	
DR 4581	36
YENİ - NEW DR 9121	
YENİ - NEW DR 9141	37

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FIAT TYPE BRUSH HOLDERS

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FI 2731	
FI 3341	
FI 3541	38
FI 5361	39

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FORD TYPE BRUSH HOLDERS

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FO 0721	
FO 0731	40
FO 0751	41

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HITACHI TYPE BRUSH HOLDERS

HI 0811	
HI 4551	42
HI 4751	
HI 4752	
HI 6371	43

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

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YENİ - NEW	LE 0752	44
YENİ - NEW	LE 0994	45

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LUCAS TYPE BRUSH HOLDERS

	LU 0361	46
YENİ - NEW	LU 0751	
	LU 5161	
	LU 5162	47

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

	MA 1221	
	MA 3241	
	MA 5261	
	MA 7281	48

MITSUBISHI / MELCO TİPİ KÖMÜR YUVALARI
MITSUBISHI / MELCO TYPE BRUSH HOLDERS

	MI 0411	49
YENİ - NEW	MI 1041	
	MI 1391	50
	MI 1701	
	MI 1702	51
	MI 1711	
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	MI 6971	
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NIPPON DENSO TYPE BRUSH HOLDERS

	ND 0111	
YENİ - NEW	ND 0141	
YENİ - NEW	ND 0151	57
	ND 0521	
YENİ - NEW	ND 0791	58
	ND 0841	
	ND 0851	59
	ND 0881	60
	ND 1021	
YENİ - NEW	ND 1061	
	ND 2011	
YENİ - NEW	ND 2012	61
	ND 7781	62

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	VA 1290	
	VA 1291	
	VA 1330	
	VA 1331	63
	VA 1441	
	VA 1442	64
YENİ - NEW	VA 1443	
YENİ - NEW	VA 1444	65
	VA 1480	
	VA 1491	66
	VA 1551	
	VA 1571	
	VA 1572	67
	VA 1581	
	VA 1591	
	VA 1641	68
	VA 1642	
	VA 1671	
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	HP 0011	70

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YENİ - NEW	FIAT	78
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ALTERNATÖR KÖMÜR YUVALARI
BRUSH HOLDERS FOR ALTERNATORS

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OTO KÖMÜRLERİ / CARBON BRUSHES

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ÇAPRAZ KARŞILAŞTIRMA LİSTESİ CROSS REFERENCE LIST

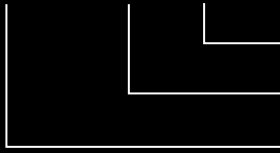
214 - 233



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*

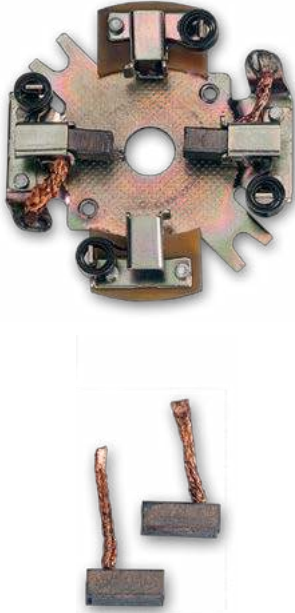
V : DİK BASKI / *VERTICAL PRESSED*

CU : BAKIRLI / *HIGH COPPER DENSITY* *

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

KÖMÜR YUVALARI
BRUSH HOLDERS



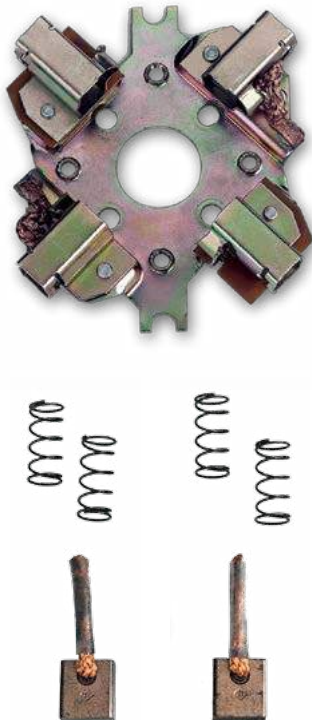
BO 0751

BSX 75 7x10x18 12 Volt
UYGUN OEM NO / REPLACING OE-REF

1 004 336 025, 1 004 336 029, 1 004 336 055

MOTOR NO / UNIT NO

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

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
AUDI 80 1.8L 1981 - 1991
VW PASSAT 1.6L 1980 - 1988
PASSAT 1.8L 1983 - 1988

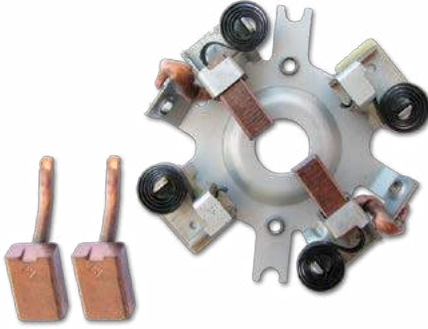
BO 1011

BSX 101 9x16x18 12 Volt
UYGUN OEM NO / REPLACING OE-REF

2 004 004 093, 2 004 336 027

MOTOR NO / UNIT NO

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

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
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
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
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
SAME EXPLORER 70/80/90 1986 ->
LASER 110/130/150 1988 ->
STEYR 8110/8130 5.2D 1984 ->

BO 1021**BSX 102 (BSX 71)****9x16x25,5****12 Volt****UYGUN OEM NO / REPLACING OE-REF**

2 001 329 901, 2 004 336 010, 2 004 336 021

MOTOR NO / UNIT NO

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

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

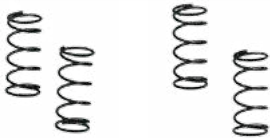
AUDI	A6 2.5 TDI 1994 - 1997
D.FAHR	TRAKTÖR/TRACKTOR
FENDT	TRAKTÖR/TRACKTOR
FIAT	55.46/55.65/55.66 1984 - 1988 60.46/60.65/60.66/60.90 1984 - 1988
IVECO	8040/8041/8061/8141 D.MOTOR/D.ENGINE
M.BENZ	300 3.0D 1976 - 1985
M.FERGUSON	MF 240/245/255 2.5D 1977 - 1988
SAME	EXPLORER 70/80/90 1986 -> LASER 110/130/150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

BO 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, 0 001 317 008, 0 001 317 009, 0 001 317
010, 0 001 317 011, 0 001 317 012, 0 001 317 016, 0 001
317 017, 0 001 317 018, 0 001 317 019, 0 001 317 023, 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, 0 001 362 035, 0 001 362 036, 0 001 362 038, 0
001 362 039, 0 001 362 041, 0 001 362 046, 0 001 362 050, 0
001 362 051, 0 001 362 052, 0 001 362 058, 0 001 362 059, 0
001 362 067, 0 001 362 072, 0 001 362 073, 0 001 362 076, 0
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001 362 100, 0 001 362 102, 0 001 362 300, 0 001 362 301, 0
001 362 302, 0 001 362 303, 0 001 362 304, 0 001 362 305, 0
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362 319, 0 001 362 321, 0 001 362 322, 0 001 362 323, 0 001
362 324, 0 001 362 325, 0 001 362 326, 0 001 362 327, 0 001
362 328, 0 001 362 329, 0 001 362 330, 0 001 362 331, 0 001
362 332, 0 001 362 600, 0 001 362 601, 0 001 362 604, 0 001
362 605, 0 001 362 700, 0 001 366 004, 0 001 366 005, 0 001 366
010, 0 001 366 011, 0 001 366 025, 0 001 366 029, 9 000 143 204,
9 000 143 413, 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, 0 001 367 002, 0 001 367 003, 0 001 367 004, 0 001 367 005, 0 001 367 006, 0 001 367 007, 0 001 367 008, 0 001 367 009, 0 001 367 010, 0 001 367 011, 0 001 367 012, 0 001 367 013, 0 001 367 014, 0 001 367 015, 0 001 367 016, 0 001 367 017, 0 001 367 018, 0 001 367 019, 0 001 367 020, 0 001 367 021, 0 001 367 022, 0 001 367 023, 0 001 367 024, 0 001 367 025, 0 001 367 027, 0 001 367 028, 0 001 367 029, 0 001 367 030, 0 001 367 031, 0 001 367 032, 0 001 367 034, 0 001 367 035, 0 001 367 036, 0 001 367 037, 0 001 367 038, 0 001 367 039, 0 001 367 041, 0 001 367 042, 0 001 367 043, 0 001 367 044, 0 001 367 045, 0 001 367 046, 0 001 367 047, 0 001 367 048, 0 001 367 049, 0 001 367 050, 0 001 367 051, 0 001 367 052, 0 001 367 054, 0 001 367 055, 0 001 367 056, 0 001 367 057, 0 001 367 058, 0 001 367 059, 0 001 367 061, 0 001 367 062, 0 001 367 063, 0 001 367 064, 0 001 367 065, 0 001 367 066, 0 001 367 067, 0 001 367 068, 0 001 367 070, 0 001 367 071, 0 001 367 072, 0 001 367 074, 0 001 367 075, 0 001 367 076, 0 001 367 077, 0 001 367 078, 0 001 367 079, 0 001 367 081, 0 001 367 082, 0 001 367 300, 0 001 367 301, 0 001 367 302, 0 001 367 303, 0 001 369 001, 0 001 369 002, 0 001 369 003, 0 001 369 004, 0 001 369 005, 0 001 369 006, 0 001 369 007, 0 001 369 012, 0 001 369 013, 0 001 369 014, 0 001 369 015, 0 001 369 016, 0 001 369 017, 0 001 369 018, 0 001 369 019, 0 001 369 020, 0 001 369 021, 0 001 369 022, 0 001 369 023, 0 001 369 024, 9 000 143 108, 9 000 143 410, 9 000 143 412, 9 000 143 415, 9 000 143 416, 9 000 143 419, 9 007 044 014

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

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

CUMMINS	
DAF	CF65/LF45/LF55 2006 ->
IVECO	75/100/120/130/135 SERİLERİ 1991 - 2000 4045 10./12./14./15/17./24./25. SERİLERİ
J.DEERE	
MAN	G SERİSİ 2001 ->
SCANIA	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
RENAULT	
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, 0 001 208 510, 0 001 208 510, 0 001 208 513, 0 001 208 514, 0 001 208 515, 0 001 208 516, 0 001 208 517, 0 001 208 518, 0 001 208 519, 0 001 208 520, 0 001 208 521, 0 001 208 524, 0 001 208 526, 0 001 208 528, 0 001 208 702, 0 001 208 705, 0 001 208 706, 0 001 208 707, 0 001 208 708, 0 001 208 709, 0 001 208 710, 0 001 208 711, 0 001 208 712, 0 001 208 713, 0 001 208 714, 0 001 208 715, 0 001 208 717, 0 001 208 718, 0 001 208 719, 0 001 211 502, 0 001 211 503, 0 001 211 504, 0 001 211 505, 0 001 211 512, 0 001 211 513, 0 001 211 514, 0 001 211 515, 0 001 211 525, 0 001 211 526, 0 001 211 527, 0 001 211 528, 0 001 211 529, 0 001 211 530, 0 001 211 533, 0 001 211 535, 0 001 211 536, 9 000 333 104, 9 000 333 106, 9 000 333 114, 9 000 333 117, 9 000 333 121, 9 000 333 122

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**

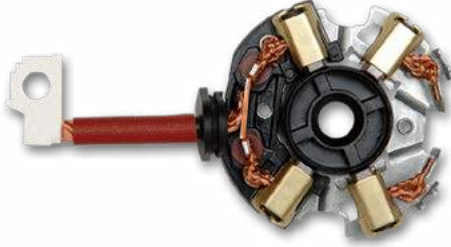
1 004 336 218, 9 003 334 314

MOTOR NO / UNIT NO

0 001 218 002, 0 001 218 003, 0 001 218 004, 0 001 218 005, 0 001 218 006, 0 001 218 007, 0 001 218 008, 0 001 218 009, 0 001 218 010, 0 001 218 011, 0 001 218 012, 0 001 218 013, 0 001 218 014, 0 001 218 015, 0 001 218 016, 0 001 218 017, 0 001 218 018, 0 001 218 019, 0 001 218 020, 0 001 218 021, 0 001 218 022, 0 001 218 023, 0 001 218 024, 0 001 218 025, 0 001 218 026, 0 001 218 027, 0 001 218 028, 0 001 218 029, 0 001 218 100, 0 001 218 101, 0 001 218 102, 0 001 218 103, 0 001 218 104, 0 001 218 105, 0 001 218 106, 0 001 218 107, 0 001 218 108, 0 001 218 109, 0 001 218 110, 0 001 218 111, 0 001 218 112, 0 001 218 113, 0 001 218 114, 0 001 218 115, 0 001 218 116, 0 001 218 117, 0 001 218 118, 0 001 218 119, 0 001 218 120, 0 001 218 121, 0 001 218 122, 0 001 218 123, 0 001 218 124, 0 001 218 125, 0 001 218 126, 0 001 218 127, 0 001 218 128, 0 001 218 129, 0 001 218 130, 0 001 218 131, 0 001 218 132, 0 001 218 133, 0 001 218 134, 0 001 218 135, 0 001 218 136, 0 001 218 137, 0 001 218 138, 0 001 218 139, 0 001 218 140, 0 001 218 141, 0 001 218 142, 0 001 218 143, 0 001 218 144, 0 001 218 145, 0 001 218 146, 0 001 218 147, 0 001 218 148, 0 001 218 149, 0 001 218 150, 0 001 218 151, 0 001 218 152, 0 001 218 153, 0 001 218 154, 0 001 218 155, 0 001 218 156, 0 001 218 157, 0 001 218 158, 0 001 218 159, 0 001 218 160, 0 001 218 161, 0 001 218 162, 0 001 218 163, 0 001 218 164, 0 001 218 165, 0 001 218 166, 0 001 218 167, 0 001 218 168, 0 001 218 169, 0 001 218 170, 0 001 218 171, 0 001 218 172, 0 001 218 173, 0 001 218 174, 0 001 218 175, 0 001 218 176, 0 001 218 177, 0 001 218 178, 0 001 218 710, 0 001 218 725, 6 033 AB1 J00, 9 000 331 401, 9 000 331 402, 9 000 331 403, 9 000 331 404, 9 000 331 405, 9 000 331 406, 9 000 331 407, 9 000 331 408, 9 000 331 409, 9 000 331 410, 9 000 331 411, 9 000 331 412, 9 000 331 413, 9 000 331 414, 9 000 331 415, 9 000 331 416, 9 000 331 417, 9 000 331 418, 9 000 331 419, 9 000 331 420, 9 000 331 421, 9 000 331 422, 9 000 331 423, 9 000 331 424, 9 000 331 425, 9 000 331 426, 9 000 331 427, 9 000 331 428, 9 000 331 429, 9 000 331 430, 9 000 331 431, 9 000 331 432, 9 000 331 433, 9 000 331 433, B 001 233 104, B 001 233 112, B 001 233 121, B 001 233 158, B 001 233 172, B 001 233 216, B 001 233 261

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, 0 001 110 026, 0 001 110 080, 0 001 110 089, 0 001 110 095, 0 001 110 114, 0 001 110 132, 0 001 115 001, 0 001 125 501, 0 001 125 502, 0 001 125 511, 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, 0 001 110 001, 0 001 110 002, 0 001 110 009, 0 001 110 010, 0 001 110 014, 0 001 110 015, 0 001 110 018, 0 001 110 031, 0 001 110 032, 0 001 110 033, 0 001 110 047, 0 001 110 054, 0 001 110 055, 0 001 110 057, 0 001 110 058, 0 001 110 059, 0 001 110 060, 0 001 110 061, 0 001 110 062, 0 001 110 069, 0 001 110 070, 0 001 110 075, 0 001 110 076, 0 001 110 077, 0 001 110 078, 0 001 110 081, 0 001 110 084, 0 001 110 085, 0 001 110 086, 0 001 110 087, 0 001 110 088, 0 001 110 091, 0 001 110 098, 0 001 110 099, 0 001 110 104, 0 001 110 118, 0 001 110 119, 0 001 110 133, 0 001 110 134, 0 001 117 008, 0 001 123 003, 0 001 124 001, 0 001 124 002, 0 001 124 003, 0 001 124 004, 0 001 124 005, 0 001 124 006, 0 001 124 007, 0 001 124 008, 0 001 124 011, 0 001 124 012, 0 001 124 013, 0 001 124 014, 0 001 124 022, 0 001 124 023, 0 001 124 024, 0 001 124 025, 0 001 125 001, 0 001 125 002, 0 001 125 003, 0 001 125 004, 0 001 125 005, 0 001 125 006, 0 001 125 007, 0 001 125 009, 0 001 125 010, 0 001 125 011, 0 001 125 018, 0 001 125 019, 0 001 125 035, 0 001 125 036, 0 001 125 048, 0 001 125 049, B 001 117 071, B 001 127 016, B 001 127 041

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

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 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**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, 0 001 110 026, 0 001 110 080, 0 001 110 089, 0 001 110 095, 0 001 110 114, 0 001 110 132, 0 001 115 001, 0 001 125 501, 0 001 125 502, 0 001 125 511, 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, 0 001 107 032, 0 001 108 004, 0 001 108 019, 0 001 108 020, 0 001 108 022, 0 001 108 024, 0 001 108 025, 0 001 108 026, 0 001 108 027, 0 001 108 048, 0 001 108 051, 0 001 108 052, 0 001 108 053, 0 001 108 056, 0 001 108 063, 0 001 108 064, 0 001 108 070, 0 001 108 075, 0 001 108 080, 0 001 108 081, 0 001 108 088, 0 001 108 089, 0 001 108 090, 0 001 108 093, 0 001 108 098, 0 001 108 100, 0 001 108 101, 0 001 108 102, 0 001 108 107, 0 001 108 111, 0 001 108 112, 0 001 108 115, 0 001 108 118, 0 001 108 119, 0 001 108 120, 0 001 108 121, 0 001 108 122, 0 001 108 124, 0 001 108 125, 0 001 108 126, 0 001 108 128, 0 001 108 130, 0 001 108 131, 0 001 108 133, 0 001 108 134, 0 001 108 135, 0 001 108 136, 0 001 108 137, 0 001 108 138, 0 001 108 139, 0 001 108 140, 0 001 108 141, 0 001 108 142, 0 001 108 143, 0 001 108 141, 0 001 108 144, 0 001 108 145, 0 001 108 146, 0 001 108 149, 0 001 108 150, 0 001 108 151, 0 001 108 153, 0 001 108 154, 0 001 108 155, 0 001 108 156, 0 001 108 158, 0 001 108 159, 0 001 108 160, 0 001 108 162, 0 001 108 166, 0 001 108 167, 0 001 108 169, 0 001 108 171, 0 001 108 173, 0 001 108 174, 0 001 108 175, 0 001 108 176, 0 001 108 177, 0 001 108 178, 0 001 108 183, 0 001 108 184, 0 001 108 188, 0 001 108 189, 0 001 108 197, 0 001 108 995, 0 001 108 996, 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, 0 001 108 050, 0 001 108 059, 0 001 108 060, 0 001 108 076, 0 001 108 077, 0 001 108 094, 0 001 108 095, 0 001 108 096, 0 001 108 097, 0 001 108 099, 0 001 108 121, 0 001 108 127, 0 001 108 147, 0 001 108 168, 0 001 108 190, B 001 111 273

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**

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, 0 001 107 032, 0 001 108 004, 0 001 108 019, 0 001 108 020, 0 001 108 022, 0 001 108 024, 0 001 108 025, 0 001 108 026, 0 001 108 027, 0 001 108 048, 0 001 108 051, 0 001 108 052, 0 001 108 053, 0 001 108 056, 0 001 108 063, 0 001 108 064, 0 001 108 070, 0 001 108 075, 0 001 108 080, 0 001 108 081, 0 001 108 088, 0 001 108 089, 0 001 108 090, 0 001 108 093, 0 001 108 098, 0 001 108 100, 0 001 108 101, 0 001 108 102, 0 001 108 107, 0 001 108 111, 0 001 108 112, 0 001 108 115, 0 001 108 118, 0 001 108 119, 0 001 108 120, 0 001 108 121, 0 001 108 122, 0 001 108 124, 0 001 108 125, 0 001 108 126, 0 001 108 128, 0 001 108 130, 0 001 108 131, 0 001 108 133, 0 001 108 134, 0 001 108 135, 0 001 108 136, 0 001 108 137, 0 001 108 138, 0 001 108 139, 0 001 108 140, 0 001 108 141, 0 001 108 142, 0 001 108 143, 0 001 108 141, 0 001 108 144, 0 001 108 145, 0 001 108 146, 0 001 108 149, 0 001 108 150, 0 001 108 151, 0 001 108 153, 0 001 108 154, 0 001 108 155, 0 001 108 156, 0 001 108 158, 0 001 108 159, 0 001 108 160, 0 001 108 162, 0 001 108 166, 0 001 108 167, 0 001 108 169, 0 001 108 171, 0 001 108 173, 0 001 108 174, 0 001 108 175, 0 001 108 176, 0 001 108 177, 0 001 108 178, 0 001 108 183, 0 001 108 184, 0 001 108 188, 0 001 108 189, 0 001 108 197, 0 001 108 995, 0 001 108 996, 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
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, 0 001 112 005, 0 001 112 006, 0 001 112 007, 0 001 112 008, 0 001 112 009, 0 001 112 012, 0 001 112 013, 0 001 112 014, 0 001 112 015, 0 001 112 016, 0 001 112 020, 0 001 112 021, 0 001 112 022, 0 001 112 023, 0 001 112 024, 0 001 112 025, 0 001 112 027, 0 001 112 028, 0 001 112 029, 0 001 112 032, 0 001 112 033, 0 001 112 037, 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, 0 001 113 008, 0 001 113 009, 0 001 113 013, 0 001 113 014, 0 001 114 003, 0 001 114 004, 0 001 114 005, 0 001 114 006, 0 001 114 008, 0 001 114 014, 0 001 114 015, 0 001 114 016, 0 001 114 017, 0 001 114 021, 6 004 AA0 003, 9 000 081 003, B 001 181 007, B 001 181 013, F 000 ALO 301, F 000 ALO 302

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

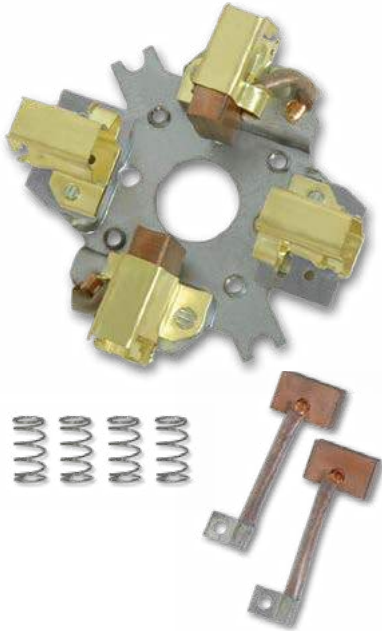
MOTOR NO / UNIT NO

"0 001 106 001, 0 001 106 002, 0 001 107 007, 0 001 107 008,
0 001 112 003, 0 001 112 004, 0 001 114 005, 0 001 114 006, 0
001 208 416, 0 001 208 417, 0 001 208 418, 0 001 208 419, 0
001 211 257, 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 1.8L/2.0L 1990-1991

BO 1641

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

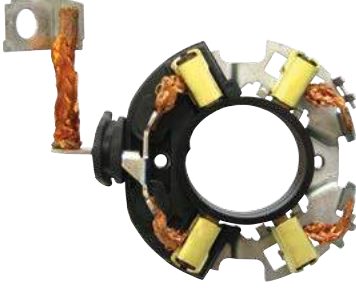
1 004 336 028, 2 004 336 028, 2 004 336 039, 2 004 336 044

MOTOR NO / UNIT NO

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

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

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

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**

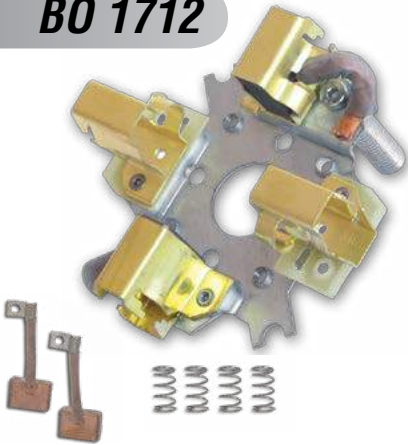
2 004 336 066, 2 004 336 086

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
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

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

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 ->

BO 1761

BSX 175-176
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, 0 001 106 014, 0 001 106 015, 0 001 106 016, 0 001 107 009, 0 001 107 012, 0 001 107 014, 0 001 107 015, 0 001 107 016, 0 001 107 017, 0 001 107 018, 0 001 107 019, 0 001 107 024, 0 001 107 025, 0 001 107 026, 0 001 107 027, 0 001 107 028, 0 001 107 029, 0 001 107 030, 0 001 107 033, 0 001 107 034, 0 001 107 037, 0 001 107 038, 0 001 107 040, 0 001 107 041, 0 001 107 043, 0 001 107 044, 0 001 107 045, 0 001 107 046, 0 001 107 047, 0 001 107 048, 0 001 107 049, 0 001 107 054, 0 001 107 055, 0 001 107 058, 0 001 107 059, 0 001 107 060, 0 001 107 061, 0 001 107 062, 0 001 107 063, 0 001 107 066, 0 001 107 067, 0 001 107 068, 0 001 107 069, 0 001 107 073, 0 001 107 074, 0 001 107 075, 0 001 107 076, 0 001 107 078, 0 001 107 079, 0 001 107 080, 0 001 107 082, 0 001 107 083, 0 001 107 085, 0 001 107 087, 0 001 107 088, 0 001 107 089, 0 001 107 090, 0 001 107 091, 0 001 107 092, 0 001 107 093, 0 001 107 094, 0 001 107 095, 0 001 107 097, 0 001 107 103, 0 001 107 104, 0 001 121 001, 0 001 121 002, 6 004 AA0 003, 6 004 AA0 018, 9 000 081 004, 9 000 081 006, 9 000 081 007, 9 000 694 022, 9 000 694 035, 9 000 694 044, 9 007 045 009, 9 007 045 018, 9 007 045 020, 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**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

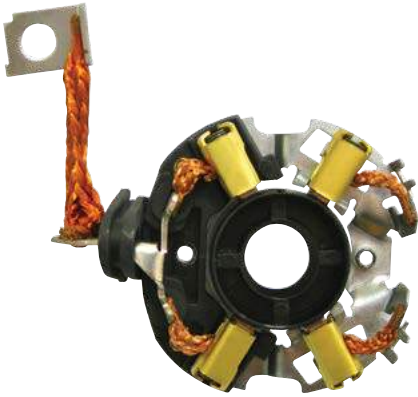
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001 107 009, 0 001 107 011, 0 001 107 012, 0 001 107 013, 0
001 107 015, 0 001 107 020, 0 001 107 021, 0 001 107 022, 0
001 107 023, 0 001 107 024, 0 001 107 025, 0 001 107 026, 0
001 107 034, 0 001 107 039, 0 001 107 044, 0 001 107 045, 0
001 107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

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

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	ABIA 1.4L 1999 - 2002 OCTAVIA 1.6L 1996 - 2000 OCTAVIA 1.9 TDI 2001 - 2006 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

4 KÖMÜRLÜ / WITH 4 BRUSHES**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, 0 001 106 014, 0 001 106 015, 0 001 106 016, 0
001 107 009, 0 001 107 012, 0 001 107 014, 0 001 107 015, 0
001 107 016, 0 001 107 017, 0 001 107 018, 0 001 107 019, 0
001 107 024, 0 001 107 025, 0 001 107 026, 0 001 107 027, 0
001 107 028, 0 001 107 029, 0 001 107 030, 0 001 107 033, 0
001 107 034, 0 001 107 037, 0 001 107 038, 0 001 107 040, 0
001 107 041, 0 001 107 043, 0 001 107 044, 0 001 107 045, 0
001 107 046, 0 001 107 047, 0 001 107 048, 0 001 107 049, 0
001 107 054, 0 001 107 055, 0 001 107 058, 0 001 107 059, 0
001 107 060, 0 001 107 061, 0 001 107 062, 0 001 107 063, 0
001 107 066, 0 001 107 067, 0 001 107 068, 0 001 107 069, 0
001 107 073, 0 001 107 074, 0 001 107 075, 0 001 107 076, 0
001 107 078, 0 001 107 079, 0 001 107 080, 0 001 107 082, 0
001 107 083, 0 001 107 085, 0 001 107 087, 0 001 107 088, 0
001 107 089, 0 001 107 090, 0 001 107 091, 0 001 107 092, 0
001 107 093, 0 001 107 094, 0 001 107 095, 0 001 107 097, 0
001 107 103, 0 001 107 104, 0 001 121 001, 0 001 121 002, 6
004 AA0 003, 6 004 AA0 018, 9 000 081 004, 9 000 081 006, 9
000 081 007, 9 000 694 022, 9 000 694 035, 9 000 694 044, 9
007 045 009, 9 007 045 018, 9 007 045 020, B 001 110 240

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

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

4 KÖMÜRLÜ / WITH 4 BRUSHES

BO 1771

BSX 170-171 10x25x15 24 Volt
UYGUN OEM NO / REPLACING OE-REF
 2 004 336 078

MOTOR NO / UNIT NO

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

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

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

BO 1851

BSX 184-185 4,6x12x10,5/11,2 12 Volt
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

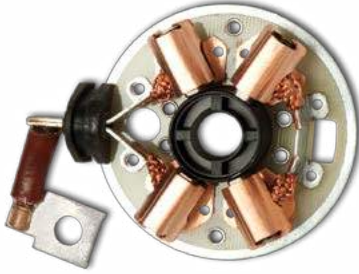
MOTOR NO / UNIT NO

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

saat yönü / clockwise

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

AUDI	A4 1.6/2.0 TFSI 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 AD0 130, 6 033 AD0 156, 6 033 AD0 380, 6 033 AD0 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, 0 001 231 003, 0 001 231 004, 0 001 231 005, 0 001 231 006, 0 001 231 007, 0 001 231 009, 0 001 231 010, 0 001 231 011, 0 001 231 012, 0 001 231 014, 0 001 231 016, 0 001 231 017, 0 001 231 032, 0 001 231 033

saat yönü / clockwise

ARAÇ MODELİ / VEHICLE MODEL

IVECO EURO CARGO 100E18 2000 ->
EURO CARGO 120E18 2000 ->
EURO CARGO 130E15 2000 ->
EURO CARGO 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

4 KÖMÜRLÜ / WITH 4 BRUSHES**BO 1931****BSX 192-193 6x22x13/15 12 Volt****UYGUN OEM NO / REPLACING OE-REF**

6 033 AD0 014, 6 033 AD0 159, 6 033 AD0 160, 6 033 AD0 221, 6 033 AD0 368, 6 033 AD0 401, 6 033 AD0 404, 6 033 AD0 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, 0 001 218 620, 0 001 218 703, 0 001 218 710, 0 001 218 711, 0 001 218 712, 0 001 218 715, 0 001 218 716, 0 001 218 719, 0 001 218 722, 0 001 218 725, 0 001 218 728, 0 001 218 730, 0 001 218 735, 0 001 218 736, 0 001 218 737, 0 001 218 738, 0 001 218 740, 0 001 218 741, 0 001 218 742, 0 001 218 754, 0 001 218 757, 0 001 218 758, 0 001 218 759, 0 001 218 763, 0 001 218 764, 0 001 218 765, 0 001 218 766, 0 001 218 767, 0 001 218 768, 0 001 218 770, 0 001 218 771, 0 001 218 772, 0 001 218 774, 0 001 218 776, 0 001 218 777, 0 001 218 805, 0 001 218 808, 0 001 218 809, 0 001 218 812, 0 001 218 814, 0 001 218 815, 0 001 218 822, 0 001 223 013

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, 0 001 230 002, 0 001 230 003, 0 001 230 004, 0 001 230 005, 0 001 230 006, 0 001 230 007, 0 001 230 008, 0 001 230 009, 0 001 230 010, 0 001 230 011, 0 001 230 012, 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

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 1971

BSX 197 9x36x18 12 Volt
UYGUN OEM NO / REPLACING OE-REF

2 004 336 079

MOTOR NO / UNIT NO

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

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

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

BO 1991

BSX 198-199 8x25x13 24 Volt
UYGUN OEM NO / REPLACING OE-REF
MOTOR NO / UNIT NO

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

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

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

BO 2011

BSX 200-201 6x18x12,7/14,2 12 Volt
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

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

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

BO 2012**BSX 200-201 6x18x12,7/14,2 12 Volt****UYGUN OEM NO / REPLACING OE-REF**

1 007 010 124, 1 007 010 135

MOTOR NO / UNIT NO0 001 124 011, 0 001 124 012, 0 001 124 013, 0 001 124 014,
0 001 124 022, 0 001 124 023

saat yönü tersi / anticlockwise

VW aşırı yüklenme, korumalı marş / VW overload protected starter,
kablo boyu / cable length 55 mm**4 KÖMÜRLÜ / WITH 4 BRUSHES****ARAÇ MODELİ / VEHICLE MODEL**

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

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 NO0 001 109 202, 0 001 109 203, 0 001 109 205, 0 001 109 250,
0 001 109 302, 0 001 109 303, 0 001 109 305, 0 001 109 324,
0 001 109 325, 0 001 125 053, 0 001 125 054

kablo boyu / cable length 55 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES**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 ->

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

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** BERLİNGO 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
YETİ 1.2 TSI 2009 ->
RAPID 1.2TSI/1.6L/1.6 TDI 2012 ->
ROOMSTER 1.4/1.6L 2006 - 2015
BEETLE 1.2 TSI 2012 ->
- VW** 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

4 KÖMÜRLÜ / WITH 4 BRUSHES
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

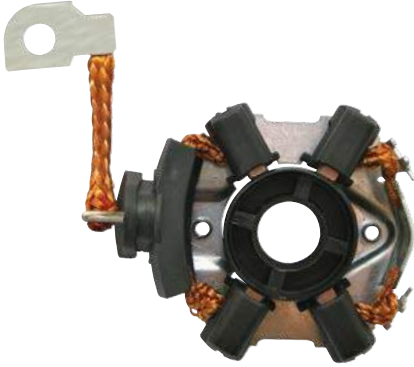
0 001 108 405, 0 001 108 406, 0 001 108 408, 0 001 108 430, 0 001 108 431, 0 001 108 445, 0 001 108 446, 0 001 108 466, 0 001 108 467

saat yönü / clockwise

ARAÇ MODELİ / VEHICLE MODEL

- FORD** C-MAX 1.6L 2003 - 2007
FOCUS 1.4/1.6L 2004 - 2011

4 KÖMÜRLÜ / WITH 4 BRUSHES

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

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

kablo boyu / cable length 65 mm

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 ->
BRAVO 1.6 M.JET 2008 - 2016
M.BENZ 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 ->

4 KÖMÜRLÜ / WITH 4 BRUSHES
BO 2152

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

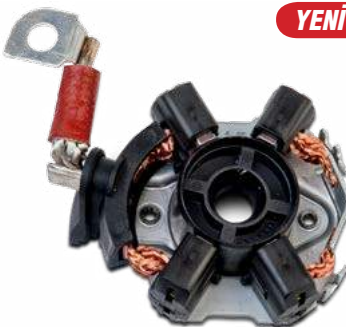
1 004 336 520, 1 004 336 557, 1 004 336 650, 1 004
336 758, 1 004 336 897

MOTOR NO / UNIT NO

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

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

YENİ - NEW
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**YENİ - NEW****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

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

PEUGEOT 208 1.2L 2012 ->
2008 1.2L 2013 ->
VW PHEATON 3.2L 2002 - 2008

BO 2155**YENİ - NEW****BSX 231-232-215 6.0x18x11.0/12.5 12 Volt****UYGUN OEM NO / REPLACING OE-REF**

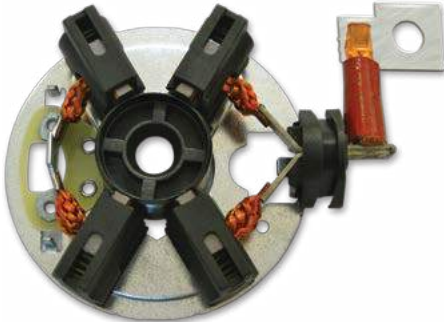
1 004 336 523, 1 004 336 558, 1 004 336 653, 1 004 336 700, 1 004 336 759

MOTOR NO / UNIT NO

0 001 123 044

4 KÖMÜRLÜ / WITH 4 BRUSHES**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

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

4 KÖMÜRLÜ / WITH 4 BRUSHES**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/TCO 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

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 NO

0 001 107 107, 0 001 108 168

kablo boyu / cable length 65 mm

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

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
YENİ - NEW

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, 0 001 125 008, 0 001 125 021, 0 001 125 022,
0 001 125 031, 0 001 125 032, 0 001 125 042, 0 001 125 043,
0 001 125 046, 0 001 125 047, 0 001 125 051, 0 001 125 052,
0 001 125 055, 0 001 125 056, 0 001 125 600, 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
YENİ - NEW

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 2281

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

1 004 336 612, 1 004 336 649

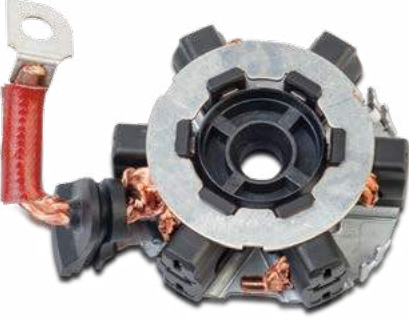
MOTOR NO / UNIT NO

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

Start-Stop Marş Motoru / 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**YENİ - NEW****BSX 228 5.25x18x12.7x14.2 12 Volt****UYGUN OEM NO / REPLACING OE-REF**

1 004 337 002

MOTOR NO / UNIT NO0 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 CDi 2006 ->
VİTO 110/113/116 2.1
CDi 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 NO0 001 138 011, 0 001 138 012, 0 001 138 029, 0 001 138 030,
0 001 138 037, 0 001 138 038, 0 001 138 039, 0 001 138 040,
0 001 138 043, 0 001 138 044, 0 001 138 049, 0 001 138 050,
0 001 138 063, 0 001 138 064

Start-Stop Marş Motoru / 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 NO0 001 138 003, 0 001 138 004, 0 001 138 005, 0 001 138 006, 0
001 138 047, 0 001 138 048, 0 001 138 053, 0 001 138 054

Start-Stop Marş Motoru / 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
YENİ - NEW

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, 0 001 137 002, 0 001 137 003, 0 001 137 004,
0 001 137 011, 0 001 137 012, 0 001 138 009, 0 001 138 045

Start-Stop Marş Motoru / 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, 002

Start-Stop Marş Motoru / 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 2431
YENİ - NEW

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

0 001 139 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**YENİ - NEW****BSX 228-243 5.25x18x12.7/14.2 12 Volt****UYGUN OEM NO / REPLACING OE-REF**

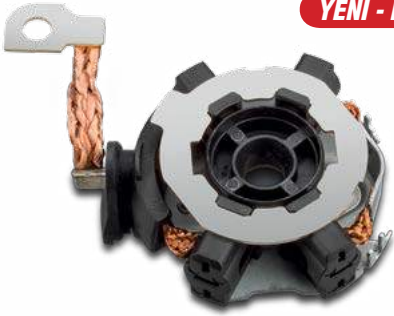
1 004 336 699

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**YENİ - NEW****BSX 235-228-243 5.25x18x12.7/14.2 12 Volt****UYGUN OEM NO / REPLACING OE-REF**

1 004 337 050

MOTOR NO / UNIT NO0 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

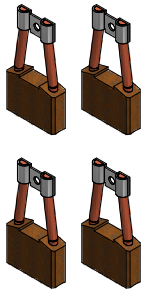
MOTOR NO / UNIT NO0 001 153 001, 0 001 153 002, 0 001 153 005, 0 001 153 009, 0
001 153 010, 0 001 153 015, 0 001 153 016

Start-Stop Marş Motoru / Starters

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

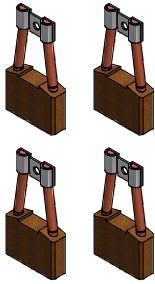
AUDI A1 1.4 TSFI 2010 ->
A1 1.6 TDI 2014 ->
A1 2.0 TDI 2012 ->
A3 2.0 TDI 2009 - 2012
Q3 2.0 TDI 2011 ->
A3 1.2/1.4 TSFI 2009 - 2012
SEAT IBIZA 1.4 TSFI 2013 ->
LEON 1.4/1.8 TSFI 2007 - 2012
LEON 2.0 TDI 2012 ->
TOLEDO 1.4 TSFI 2015 ->
SKODA RAPID 1.6 TDI 2012 ->
SUPERB 2.0 TDI 2010 - 2015
YETI 2.0 TDI 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

DR 0081
YENİ - NEW

K 008
8x30x22,6
24 Volt
ARAÇ MODELİ / VEHICLE MODELS
UYGUN OEM NO / REPLACING OE-REF
M.BENZ
**ACTROS
AXOR**
MOTOR NO / UNIT NO
39 MT, 19011501
4 KÖMÜRLÜ / WITH 4 BRUSHES
DR 1341

RX 134
10,5x36,6x24,4
12 Volt
ARAÇ MODELİ / VEHICLE MODELS
UYGUN OEM NO / REPLACING OE-REF
1988121, 1988122
MOTOR NO / UNIT NO

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

4 KÖMÜRLÜ / WITH 4 BRUSHES
BMC
DEV FATİH Y.M
CATERPILLAR
CHEVROLET
**B6 8.2 1986 - 1988
P SERİSİ 1986 - 1988
S7 8.2 1986 - 1988**
CLARK
FREIGHTLINER
**FORKLIFT 1963 ->
F112/F120/FLC112/FLC120
1998 ->**
MACK

DR 1342**RX 134 H****10,5x36,6x24,4****24 Volt****UYGUN OEM NO / REPLACING OE-REF**

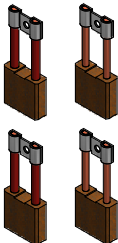
1988439

MOTOR NO / UNIT NO

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

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

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

DR 1351**YENİ - NEW****RX 135****9,5x28,6x26,3****12 Volt****UYGUN OEM NO / REPLACING OE-REF**

10468705, 10468706, 10470140

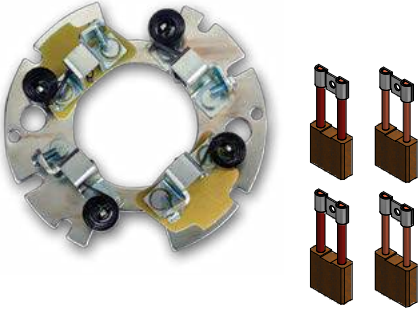
MOTOR NO / UNIT NO

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

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

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

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

DR 1412

YENİ - NEW



RX 140-141 SI 7,5x25x18,5 12 Volt
UYGUN OEM NO / REPLACING OE-REF
10510129

MOTOR NO / UNIT NO

329MT, 19011400, 104461770, 8200010

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

CUMMIN 29MT

DR 1413

YENİ - NEW



RX 140-141 HS 7,5x25x18,5 24 Volt
UYGUN OEM NO / REPLACING OE-REF

MOTOR NO / UNIT NO

29MT

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

29MT 4 KW

DR 1721

YENİ - NEW



RX 172 5x15x12.5 12 Volt
UYGUN OEM NO / REPLACING OE-REF
10504328

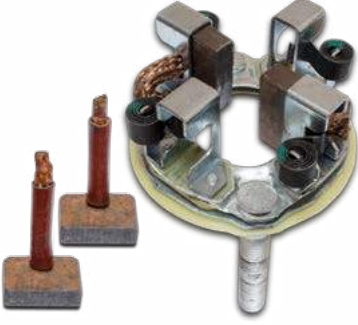
MOTOR NO / UNIT NO

8000048, 8000180, 9000902, 9000932, 9000934, 9000967, 96550792

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODELS

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 ->

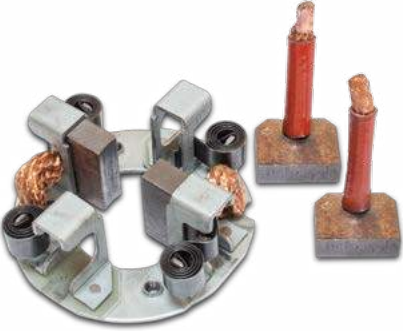
DR 1741**YENİ - NEW**

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

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

FATİH KAMYON 822/827

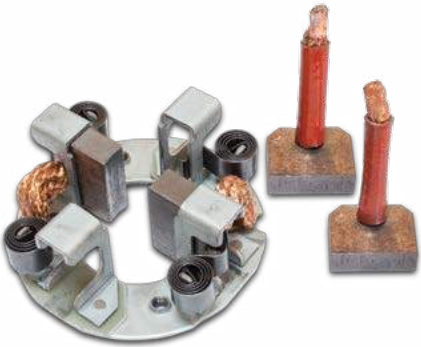
DR 1761**YENİ - NEW**

RX 175-176 **9,5x28x22** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF

MOTOR NO / UNIT NO
 38MT, 820005, 820025, 820356, 0778200005, 8200076, 19026027,
 19026028, 19026029

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

39MT

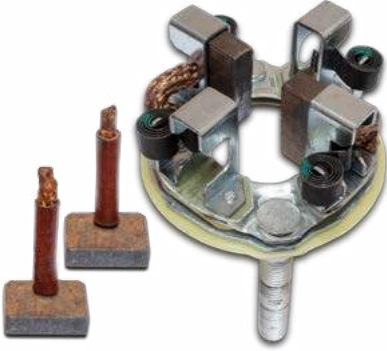
DR 1781**YENİ - NEW**

RX 177-178 **9,5x28x22** **24 Volt**
UYGUN OEM NO / REPLACING OE-REF

MOTOR NO / UNIT NO
 38MT, 8200053, 8200072, 8200078

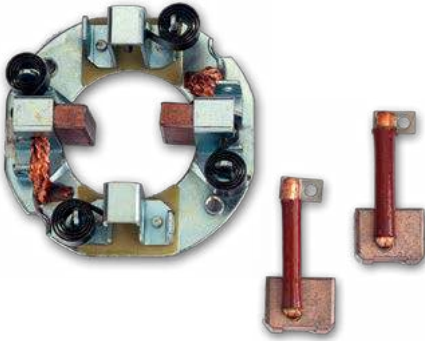
4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL****FORD
CUMMINS**

CARGO

DR 1811
YENİ - NEW

RX 180-181 **9,5x32x22** **24 Volt**
UYGUN OEM NO / REPLACING OE-REF
MOTOR NO / UNIT NO
 39MT, 19011512, 10461759

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
BMC
CUMMINS

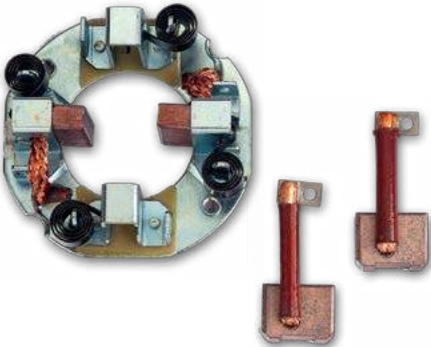
FATİH KAMYON 822/827

DR 4201

RX 419-420 **7,9x24,8x19,5** **24 Volt**
UYGUN OEM NO / REPLACING OE-REF
 10510215

MOTOR NO / UNIT NO
 28MT, 10461459, 10479600, 1998351, 10461470, 10479626,
 10479650, 19070039, 8200138, DRS0057, DRX67095,
 DRX67149, 10461461, 10479605

4 KÖMÜRLÜ / WITH 4 BRUSHES
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 -

DR 4581

RX 457-458 **7,9x24,8x19,5** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF
 10456456, 10483823

MOTOR NO / UNIT NO
 28MT, 10461444, 10479604, 10461460, 10479604, 1113285

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

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

CLARK
CHEVROLET
GMC
J.DEERE

DR 9121**YENİ - NEW**

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

MOTOR NO / UNIT NO

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

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
KIA SANTA FE 2.2 CRDI 2009 - 2013
 SORENTO 2.0/2.2 CRDI
 2009 - 2013
 SPORTAGE 2.0 CRDI 2010-2014
PEUGEOT BOXER 2.8 HDI 2002 ->

DR 9141**YENİ - NEW**

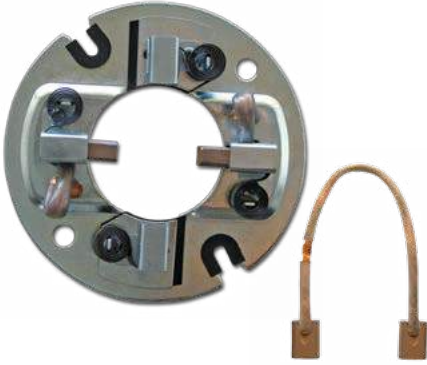
RX 913-914 **4,6x13x11/12** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF
 10475107

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, 63221300, 63221302, 63221303, 63221304,
63221305, 63221308, 63221330, 63221332, 63221333,
63221334, 63221335, 63221338, 63221400, 63221401,
63221403, 63221404, 63221407, 63221408, 63221430,
63221431, 63221437, 63221500, 63221501, 63221502,
63221504, 63221505, 63221530, 63221531, 63221532,
63221533, 63221534, 63221535, 63221538, 63221539,
63221630, 63221632, 63221633, 63221637, 63221639,
63221731, 63221800, 63221830, 63221832, 63221834,
63221890, 63221892, 63291401, 63291403, 63291405

3 KÖMÜRLÜ / WITH 3 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
TOFAŞ
RENAULT

DOĞAN/KARTAL/ŞAHİN E.M.
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

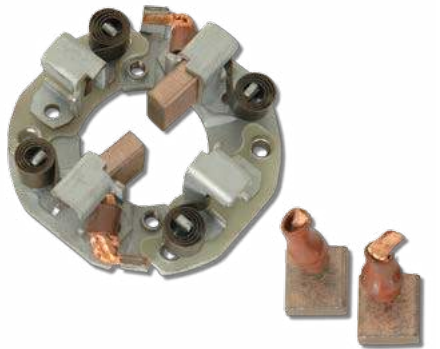
330 3.0D 2003 - 2005
525 2.5D 2004 - 2010
530/535 3.0D 2004 - 2010
730 3.0D 2002 - 2008
X3 3.0D 2003 - 2010
X5 3.0D 2003 - 2006

CITROEN

C4 2.0 HDI 2004 ->
C5 2.0 HDI 2004 ->
JUMPY 2.0 HDI 2007 - 2016

FIAT
PEUGEOT

2.0 M.JET 2007 - 2016
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
AVENSIS 2.0 D-4D 1997 - 2009
COROLLA 2.0 D-4D 2001-2006

TOYOTA
FI 3341

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

83220461, 83222681, 83226683, 83227131, 83227226,
83227260

MOTOR NO / UNIT NO

63111000, 63111001, 63111005, 63111006, 63111007, 63111008,
63111009, 63111010, 63111016, 63111017, 63111018, 63111023,
63111027, 63111036, 63111037, 63111043, 63112003, 63113001,
63113002, 63113003, 63113004, 63191001, 63193001, 63223103,
63223430, 63223431, 63223432, 63223433, 63223434, 63223435,
63223436, 63223438, 63223494, 63223530, 63223531, 63223532,
63223533, 63223536, 63223537, 63223538, 63223639, 63223730,
63293435, 63293537, 63293538, 063111033000, 063113002000,
063113003000, 063187001000, 063187002000, 063187051000

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
A.ROMEO

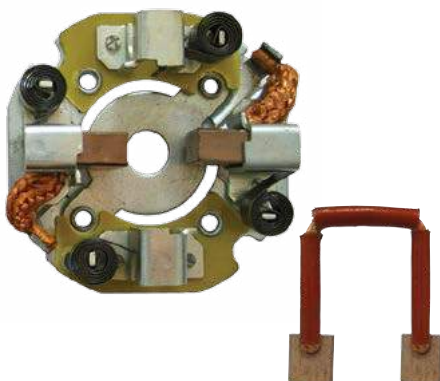
145/146 1.9 JTD 1999 - 2001
147 1.9 JTD 2000 - 20002
147 1.9 JTD 2005 - 2010
159 1.9 JTD 1997 - 2006

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
UYGUN OEM NO / REPLACING OE-REF

83226336

MOTOR NO / UNIT NO

063114014000, 063209501000, 63114014, 63114017,
63222005, 63280040, 63280041

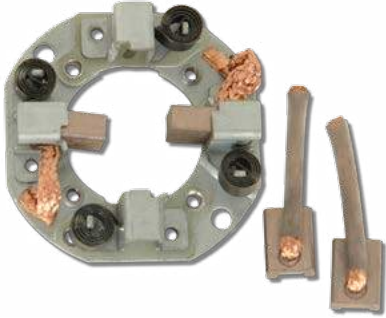
3 KÖMÜRLÜ / WITH 3 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
BMW

330 2.9D 1999 - 2006
530 2.9D 1999 - 2004
730 3.0D 1998 - 2001
X5 3.0D 2001 - 2003

CITROEN
FIAT

JUMPER 2.0 HDI 2002 - 2006
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****UYGUN OEM NO / REPLACING OE-REF**

83221241, 83224461, 83225359, 83226216

MOTOR NO / UNIT NO

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

ARAÇ MODELİ / VEHICLE MODELS**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

4 KÖMÜRLÜ / WITH 4 BRUSHES

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, 1057654, 1057661, 1076141, 1085273, 1087280, 1367529, 1X4U11000-AA, 3852582, 5029143, 6775703, 6775704, 93BB11000-HB, 93BB11000-JB, 93BB11000-KA, 93BB11000-KB, 93BB11000-KC, 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, 1057654, 1057661, 1076141, 1085273, 1087280, 1367529, 1X4U11000-AA, 3852582, 5029143, 6775703, 6775704, 93BB11000-HB, 93BB11000-JB, 93BB11000-KA, 93BB11000-KB, 93BB11000-KC, 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
UYGUN OEM NO / REPLACING OE-REF
MOTOR NO / UNIT NO

1061458, 1063999, 1064000, 1067622, 1104965, 1120214, 1140111, 1140757, 1144505, 1151216, 1151642, 1197912, 1205240, 1209193, 1218885, 1229427, 1233234, 1233277, 1237323, 1250901, 1251700, 1254222, 1300504, 1325943, 1350459, 1366473, 1366986, 1368970, 1368974, 1373810, 1379702, 1379703, 1386127, 1387091, 1388569, 1465010, 1469712, 1473072, 1477482, 1477973, 1478129, 1483817, 1S7U-11000-AA, 1S7U-11000-AB, 1S7U-11000-AC, 1S7U-11000-AD, 1S7U-11000-AE, 1S7U-11000-AF, 1S7U-11000-AG, 2S6U-11000-EA, 2S6U-11000-EB, 2S6U-11000-EC, 2S6U-11000-ED, 2S6U-11000-EE, 2T14-11000-BA, 3M5T-11000-AB, 3M5T-11000-AC, 3M5T-11000-AD, 3M5T-11000-AE, 3M5T-11000-CB, 3M5T-11000-CC, 3M5T-11000-CD, 3M5T-11000-CE, 3M5T-11000-CF, 4022225, 4443760, 4587107, 4635595, 4M5T-11000-AA, 4M5T-11000-AB, 4M5T-11000-AC, 7177333, 96FB-11000-MA, 96FB-11000-MB, 96FB-11000-MC, 96FB-11000-MD, 96FB-11000-ME, 98AB-11000-CB, YS4U-11000-AA, 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 - 19958
ESCORT 1.8L 1994 - 2004
FIESTA 1.4/1.6 TDCI 2001 - 2008
FOCUS 2.0L 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 T 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**

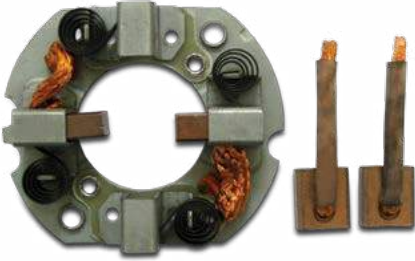
UYGUN OEM NO / REPLACING OE-REF
F7RU11434-BA

MOTOR NO / UNIT NO

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

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

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
NISSAN	CORSA B 1.7D 1996 - 2001
	ALMERA 2.0D 1995 - 2000
	PRIMERA 2.0D 1990 - 1996
THERMOKING	PRIMERA 2.0 TD 1996 - 2002
YANMAR	4JH D.MOTOR

HI 4551

JASX 54-55
4,5x14x15
12 Volt
UYGUN OEM NO / REPLACING OE-REF

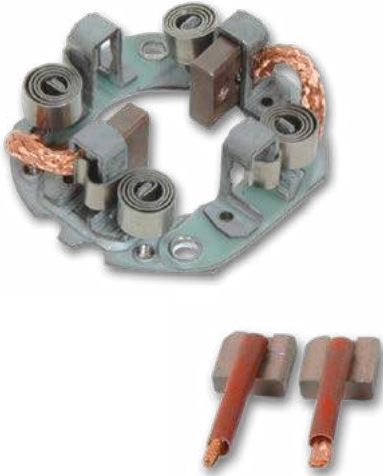
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MOTOR NO / UNIT NO

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

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 ->
OPEL	500 1.2/1.4L 2007 ->
	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
NISSAN	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
	ALMERA 1.5L 2002 - 2006
	ALMERA 1.6L 1995 - 2003
	ALMERA 1.8L 2000 - 2006
RENAULT	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
	CLIO 2.0L 2006 - 2014
	LAGUNA 2.0L 2007 - 2015
YANMAR	MEGANE 2.0L 2007 - 2016
	SCENIC 2.0L 2009 - 2016
	3JH/4JH D.MOTOR

HI 4751**JASX 74-75****7x19x16****12 Volt****UYGUN OEM NO / REPLACING OE-REF**

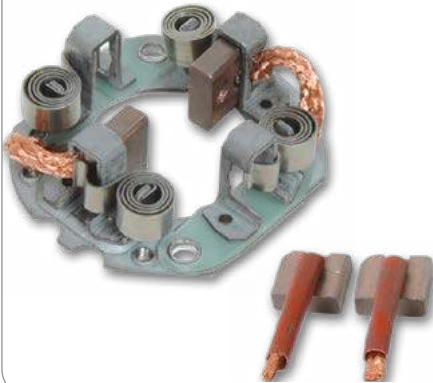
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2240-1310, 2240-2310, 2240-3310

MOTOR NO / UNIT NO

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

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

RENAULT**THERMOKING****YANMAR****HI 4752****JASX 74-75 H****7x19x16****24 Volt****UYGUN OEM NO / REPLACING OE-REF**

2240-4310

MOTOR NO / UNIT NO

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

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL****ATAMAN****BOGDAN****ISUZU**

A-092 4.6D 2003 - 2002
A-091 4.6D 2000 - 2003
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**

2250-7310

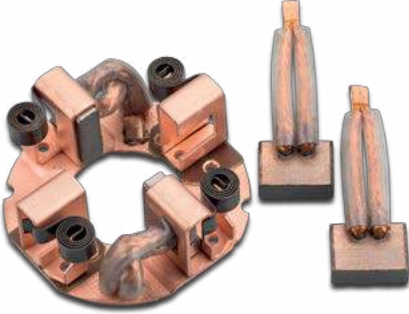
MOTOR NO / UNIT NO

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****ISUZU**

BONGO
PREGIO
BESTA
FORKLIFT 2.2 KW

LE 0336

YENİ - NEW

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

16.908.336

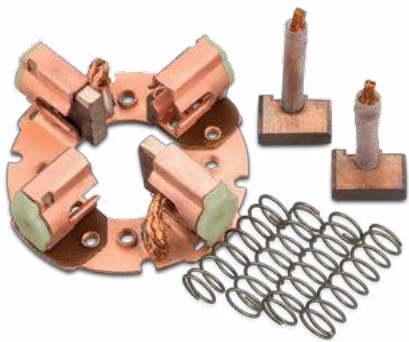
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4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODELS

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

YENİ - NEW

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

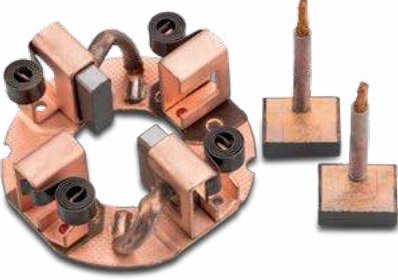
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MOTOR NO / UNIT NO

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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**YENİ - NEW**

LET 16.908.995 8X25X18,8 24 Volt
UYGUN OEM NO / REPLACING OE-REF
 16.908.994

MOTOR NO / UNIT NO

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 AZF4121, AZF4137, AZF4163, AZF4169, AZF4191, AZF4198,
 AZF4199, AZF4201, AZF4230, AZF4232, AZF4237, AZF4238,
 AZF4266, AZF4507, AZF4508, AZF4509, AZF4515, AZF4527,
 AZF4554, AZF4571, AZF4573, AZF4581, AZF4588, AZF4594,
 AZF4617, AZF4646, AZF4653, AZF4672

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
 BEKOLODER
 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

[illegible]**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

4 KÖMÜRLÜ / WITH 4 BRUSHES

LU 0751**YENİ - NEW****LASX 75****6,8x13,8x9,4****12 Volt****UYGUN OEM NO / REPLACING OE-REF**

054291125010, 054292603010, 54290789, 54290790, 54291125, 54292603

MOTOR NO / UNIT NO

2110-3708010, 5702.3708, 63226800010, 63226801010, 63226803010, 63226804010, 63226814010, 63226820010, 63226823010, 63226824010, 63226834010, 63226836010, 63226837010, 63226838010, 63226842010, 63226845010, 26009, 26702, 26715, 26717, 26722, 26801, 26804, 26805, 26806, 26807, 26809, 26810, 26812, 26813, 26814, 26815, 26816, 26820, 26823, 26824, 26827, 26829, 26830, 26831, 26832, 26833, 26834, 26835, 26836, 26837, 26841, 26845, 26847

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**LADA VEGA 1.5L 1997 - 2007
SAMARA 1.5L 1998 - 2004**LU 5161****LASX 15-16****7,9x19,05x22,2****12 Volt****UYGUN OEM NO / REPLACING OE-REF**

TAB102, SSP005, 54266043, 54266043010

MOTOR NO / UNIT NO

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

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**LU 5162****LASX 15-16 H****7,9x19,05x22,2****24 Volt****UYGUN OEM NO / REPLACING OE-REF**

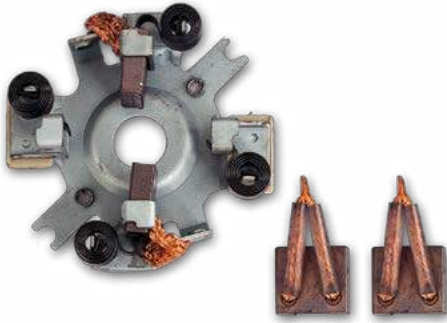
TAT200, 54290531, SSP0006

MOTOR NO / UNIT NO

M 113 -24V Starters

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**ISIZU 50 NC
BMC PROFESYONEL

MA 1221



MASX 21-22 8x25x23 24 Volt

UYGUN OEM NO / REPLACING OE-REF
72165001000

MOTOR NO / UNIT NO

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

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODELS

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

MA 3241



MASX 23-24 10x25x23 12 Volt

UYGUN OEM NO / REPLACING OE-REF
72164701, 72362701

MOTOR NO / UNIT NO

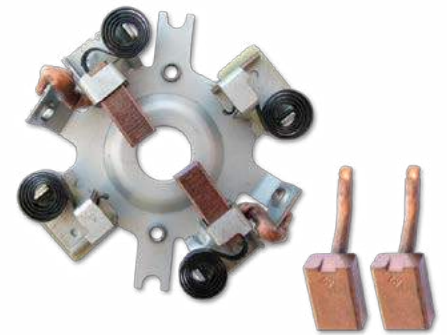
632 168 02, 632 168 08, 632 168 11, 632 168 14, 632 168 15,
632 168 16, 632 168 17, 632 168 18, 632 168 25, 632 168 26,
632 168 27, 632 168 31, 632 168 33, 632 168 51, 632 168 59,
632 168 73, 632 168 74, 632 168 76, 632 168 84, 632 168 96,
632 168 98

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

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

MA 5261



MASX 25-26 9x16x23 12 Volt

UYGUN OEM NO / REPLACING OE-REF
72164101

MOTOR NO / UNIT NO

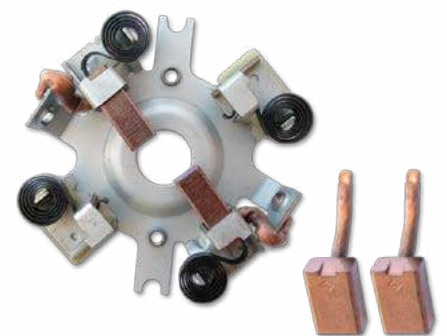
632 171 04, 632 171 05, 632 171 06, 632 171 07, 632 171 08,
632 171 10, 632 171 12, 632 171 16, 632 171 17, 632 171 18,
632 171 19, 632 171 20, 632 171 21, 632 171 25, 632 171 26,
632 171 38, 632 171 47, 632 171 48, 632 171 54, 632 171 56,
632 171 58, 632 171 63, 632 171 73, 632 171 80, 632 171 82,
632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

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

MA 7281



MASX 27-28 9x16x23 24 Volt

UYGUN OEM NO / REPLACING OE-REF
072164102000, 72164102, 8190402

MOTOR NO / UNIT NO

63217201, 63217225, 63217226, MT72A, MT72AA,
MT72AB

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

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

MI 0411



JASX 40-41

4,5x12x17,5

12 Volt

UYGUN OEM NO / REPLACING OE-REF

M649T01271, M649T01272, M649T01273, M649T06871, M649T09371, M649T09471

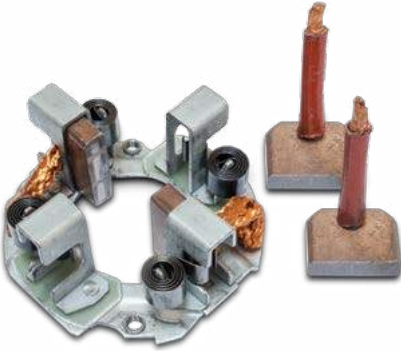
MOTOR NO / UNIT NO

M000T82081, M001M70685, M001M70881, M001M70981, M001M71281, M001M71481, M001M71681, M001M71781, M001M71881, M001M72086, M001M72087, M001M72181, M001M72182, M001M72281, M001M72583, M001M72981, M001M73481, M001Q71281, M001T60081, M001T60181, M001T60185, M001T60281, M001T60381, M001T60581, M001T61181, M001T70281, M001T70283, M001T70283ZC, M001T70381, M001T70481, M001T70482, M001T70485, M001T70681, M001T70685, M001T70685A, M001T70686, M001T70687, M001T70781, M001T70881, M001T70881A, M001T70981, M001T70981A, M001T70982, M001T70982A, M001T70985, M001T71081, M001T71281, M001T71281A, M001T71281AC, M001T71281B, M001T71281ZC, M001T71381, M001T71481, M001T71481A, M001T71581, M001T71681, M001T71681A, M001T71781, M001T71781A, M001T71881, M001T71881A, M001T72081, M001T72085, M001T72086, M001T72086A, M001T72087, M001T72087A, M001T72088, M001T72181, M001T72181A, M001T72182, M001T72182A, M001T72281, M001T72481ZC, M001T72583, M001T72583G, M001T72781A, M001T72981, M001T72981A, M001T72985, M001T72985A, M001T73381, M001T73381ZC, M001T73383, M001T73383ZC, M001T73481A, M001T73681, M001T73881, M001T77081, M001T77181, M001T77281, M001T77381, M001T77381ZC, M001T77581, M001T78881, M001T79081, M001T79181, M001T79681, M001T79781, M001T95081, M002T61871B, M0T71981, M0T81181, M0T82081, M1M70685, M1M70881, M1M70981, M1M71281, M1M71281A, M1M71481, M1M71681, M1M71781, M1M71881, M1M72086, M1M72087, M1M72181, M1M72182, M1M72281, M1M72583, M1M72981, M1M73481, M1T40271, M1T40371, M1T60081, M1T60181, M1T60185, M1T60281, M1T60381, M1T60581, M1T61181, M1T64285, M1T68281, M1T70281, M1T70281ZC, M1T70283, M1T70283ZC, M1T70381, M1T70381A, M1T70481, M1T70481ZC, M1T70482, M1T70483, M1T70483ZC, M1T70485, M1T70485A, M1T70681, M1T70685, M1T70685A, M1T70686, M1T70687, M1T70781, M1T70881, M1T70881A, M1T70981, M1T70981A, M1T70982, M1T70982A, M1T70985, M1T71081, M1T71281, M1T71281A, M1T71281AC, M1T71281B, M1T71281ZC, M1T71381, M1T71382, M1T71382ZC, M1T71481, M1T71481A, M1T71581, M1T71681, M1T71681A, M1T71781, M1T71781A, M1T71881, M1T71881A, M1T72081, M1T72085, M1T72086, M1T72086A, M1T72087, M1T72087A, M1T72088, M1T72181, M1T72181A, M1T72182, M1T72182A, M1T72281, M1T72281A, M1T72481, M1T72481ZC, M1T72581, M1T72583, M1T72583G, M1T72781A, M1T72981, M1T72981A, M1T72985, M1T72985A, M1T73081, M1T73281, M1T73283, M1T73285, M1T73381, M1T73381ZC, M1T73383, M1T73383ZC, M1T73481, M1T73481A, M1T73681, M1T73881, M1T74181A, M1T74381A, M1T75181, M1T75181A, M1T75381, M1T75381A, M1T75581, M1T75681, M1T76281, M1T76381, M1T77081, M1T77181, M1T77281, M1T77381, M1T77381ZC, M1T77581, M1T77681, M1T77777, M1T77777ZC, M1T77781, M1T77981, M1T78181, M1T78581, M1T78881, M1T78981, M1T79081, M1T79181, M1T79681, M1T79781, M1T90081A, M1T95081, M1T95181, M1T96081, M1T96181, M1T96281, M2T53083, M2T61871B, M3T70381, MD099667, MD112625, MD136933, MD162839, MD162840, MD162842, MD162843, MD172860, MD172861, MD172863, MD172864, MD182488, MD309471, MD309472, MD312078, MD313327, MD318086, MD320618, MD328235

3 KÖMÜRLÜ / WITH 3 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

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

MI 1041
YENİ - NEW

JASX 103-104
8X30X18,2
24 Volt
UYGUN OEM NO / REPLACING OE-REF
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 1391

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

28514-5020

MOTOR NO / UNIT NO

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

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
J.DEERE BAHÇE ALETLERİ
FORD ESCORT, FIESTA 1.2 - 1.3
MAZDA
TOYOTA
SUZUKI ALTO, CARRY

MI 1701



JASX 70

6,8x11,8x17,2

12 Volt

UYGUN OEM NO / REPLACING OE-REF

M649T20471, M649X20471, ME701467

MOTOR NO / UNIT NO

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

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 1702



JASX 70 H

6,8x11,8x17,2

24 Volt

UYGUN OEM NO / REPLACING OE-REF

M649X20771, ME701495

MOTOR NO / UNIT NO

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

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

MITSUBISHI	CANTER 3.9 TD 1996 - 2006 CANTER Y.M.
CATERPILLAR	İŞ MAK.
KUBOTA	İŞ MAK.

MI 1711



JASX 71

8x24x17

12 Volt

UYGUN OEM NO / REPLACING OE-REF
M649T02171

MOTOR NO / UNIT NO

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

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

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

UYGUN OEM NO / REPLACING OE-REF
M649T01671, M649T06971

MOTOR NO / UNIT NO

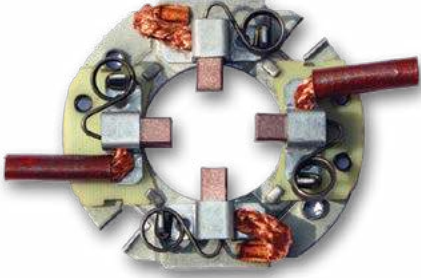
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M001T74181A, M001T74281, M001T74281ZC, M001T74283ZC,
M001T74287ZC, M001T74381, M001T74381A, M001T74481,
M001T74491, M001T74581, M001T74781, M001T74781A,
M001T75181, M001T75181A, M001T75381, M001T75381A,
M001T75581, M001T75581ZC, M001T75681, M001T80081,
M001T80082, M001T90081A, M0T80082, M1M74181,
M1M74381, M1M74781, M1M75181, M1M75381, M1T30071,
M1T30072, M1T30171, M1T30172, M1T30471, M1T6082,
M1T71881A, M1T74081, M1T74081A, M1T74087, M1T74181,
M1T74181A, M1T74281, M1T74281ZC, M1T74283,
M1T74283ZC, M1T74286ZC, M1T74287ZC, M1T74381,
M1T74381A, M1T74481, M1T74491, M1T74581, M1T74583,
M1T74781, M1T74781A, M1T74883, M1T75181, M1T75181A,
M1T75281, M1T75283, M1T75381, M1T75381A, M1T75581,
M1T75581ZC, M1T75681, M1T76081, M1T76381, M1T80081,
M1T80082, M1T80381, M1T80481, M1T90081A, M1T90281,
M1T93071, M1T93071ZC, M1T93171ZC, M1T93371,
M1T93571, M1T95081, M1TT75281

3 KÖMÜRLÜ / WITH 3 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

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, 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

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
	DT11/FG20 FORKLIFT
KOMATSU	323 1.6L 1987 - 1995
	323 1.3L/1.5L 1998 - 2001
MAZDA	323 1.8L 1991 - 1994
	323 1.5L 1994 - 1998
MITSUBISHI	626 1.6/2.0L 1987 - 1992
	LANCER 1.5L 1983- 1992
PROTON	PAJERO 2.4L 1990 - 2001
	PERSONA 415 1.5L 1994 - 1999
SUBARU	PERSONA 416 1.6L 1996 - 2001
	IMPENZA 1.6L 1992 - 2000
SUZUKI	IMPENZA 2.0L 1992 - 2007
	G.VITARA 1.6L 1998 - 2005
TCM	JIMNY 1.3L 1998 ->
	SWIFT 4x4 1.3L 2006 - 2010
VOLVO	VITARA 1.6L 1990 - 1999
	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,
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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

Bütün isimler ve parça numaraları referans amacıyla kullanılmıştır. / All the names and part numbers are used for reference purpose only.

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

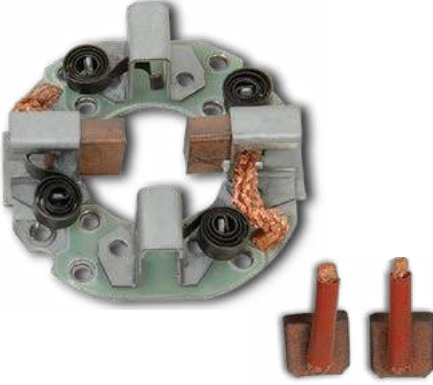
MI 4282**JASX 44-28/00 4,5x12x12,5 12 Volt****UYGUN OEM NO / REPLACING OE-REF**
M321X15071**MOTOR NO / UNIT NO**M000T35273, M000T37171, MOT20871, MOT20871ZE,
MOT20872ZE, MOT20972ZC, MOT21471, MOT30771,
MOT32171, MOT32172, MOT35273, MOT35471, MOT36071,
MOT37171, MOT45071ZT, MOT45171, MOT45171ZT, MOT45271,
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
SMART FOURFOUR 1.1/1.5L 2004-2006
SUZUKI SWIFT 1.3L 4x4 2006 - 2010
VOLVO V40 1.8L 2001 - 2004

MI 4283**YENİ - NEW****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, M1T60285, M1T60285A
M001T60281, M001T60285, M001T60285A
MOT60081, MOT60082, MOT70881
MOT81081, MOT81281, MOT81284, MOT81681**4 KÖMÜRLÜ / WITH 4 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

UYGUN OEM NO / REPLACING OE-REF

M649T05072, M649T05072

MOTOR NO / UNIT NO

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

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

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

MI 8991



JASX 98-99

6,8x18x18

12 Volt

UYGUN OEM NO / REPLACING OE-REF

M649T05072, M649T05072

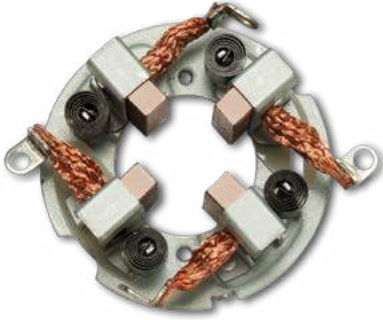
MOTOR NO / UNIT NO

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

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

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

ND 0111**JASX 10-11****10x30x20****24 Volt****UYGUN OEM NO / REPLACING OE-REF**

028510-0880

MOTOR NO / UNIT NO

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

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 - 20018120/8220/8320/8420/8520 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**YENİ - NEW****K014****4,5x19x16****12 Volt****UYGUN OEM NO / REPLACING OE-REF****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**YENİ - NEW****K 015****4,5x14x16****12 Volt****UYGUN OEM NO / REPLACING OE-REF****MOTOR NO / UNIT NO**

428000-6180, DSN949, 281000-Y010

3 KÖMÜRLÜ / WITH 3 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL****TOYOTA** AURIS 1.33 D-VVTI 2009 - 2012

YARIS 1.33 D-VVTI 2009 - 2012

YARIS 1.0L 2005 ->

ND 0521

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

MOTOR NO / UNIT NO

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

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
YENİ - NEW

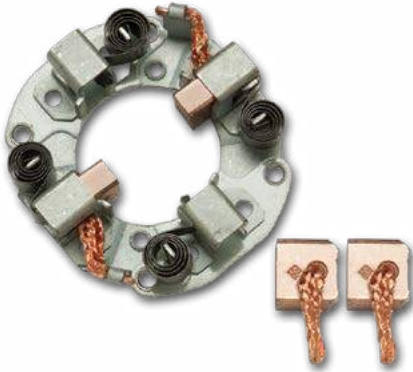
JASX 79 7x25x15,5 12 Volt
UYGUN OEM NO / REPLACING OE-REF
028510-5800, 028510-6020

MOTOR NO / UNIT NO

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

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODELS

CAT D17LIS D.MOTOR 1996 - 2006
V60E/V80E FORKLIFT
FORD RANGER 2.5D 1999 - 2011
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****UYGUN OEM NO / REPLACING OE-REF**

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

MOTOR NO / UNIT NO

028000-8620, 128000-7002, 128000-7500, 128000-8030, 128000-8210, 128000-8350, 128000-8360, 128000-9300, 128000-9310, 128000-9520, 128000-9860, 128000-9870, 128000-9871, 128000-9872, 128000-9880, 128000-9890, 228000-0220, 228000-0410, 228000-0440, 228000-0760, 228000-0761, 228000-0990, 228000-0991, 228000-1000, 228000-1020, 228000-1021, 228000-1022, 228000-1030, 228000-1040, 228000-1041, 228000-1050, 228000-1060, 228000-1070, 228000-1080, 228000-1160, 228000-1530, 228000-1531, 228000-1880, 228000-1900, 228000-1960, 228000-1980, 228000-1981, 228000-2050, 228000-2051, 228000-2060, 228000-2061, 228000-2180, 228000-2260, 228000-2261, 228000-2280, 228000-2570, 228000-2571, 228000-2572, 228000-2573, 228000-2580, 228000-2790, 228000-2810, 228000-2841, 228000-2940, 228000-2960, 228000-3250, 228000-3390, 228000-3620, 228000-3630, 228000-3730, 228000-3780, 228000-3800, 228000-3801, 228000-3802, 228000-4260, 228000-4261, 228000-4262, 228000-4370, 228000-4390, 228000-4840, 228000-4970, 228000-5090, 228000-5300, 228000-5301, 228000-5302, 228000-5303, 228000-5450, 228000-5740, 228000-5741, 228000-6000, 228000-6250, 428000-0090, 428000-0570

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

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

ND 0851**JASX 85****6.5x10x16****12 Volt****UYGUN OEM NO / REPLACING OE-REF**

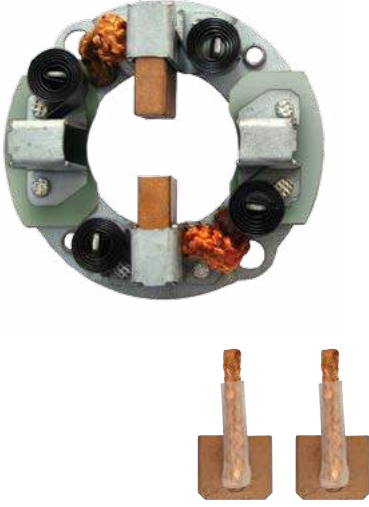
028510-0560

MOTOR NO / UNIT NO

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

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

HONDA CIVIC 1.5L 1983 - 1995
TOYOTA COROLLA 1.6L 1984 - 1992

ND 0881

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

028510-0500, 028510-5390

MOTOR NO / UNIT NO

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

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

4 KÖMÜRLÜ / WITH 4 BRUSHES

ND 1021**JASX 101-102****4,5x14x10,5****12 Volt****UYGUN OEM NO / REPLACING OE-REF****MOTOR NO / UNIT NO**

Denso 428000-0670,-0680 - 0700,-1640,-17500
428000-0670, 428000-0680, 428000-0700, 428000-1640,
428000-1750

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

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

ND 1061**YENİ - NEW****JASX 105-106****4,5/7.0x8,5x16****12 Volt****UYGUN OEM NO / REPLACING OE-REF**

028510-7620, 128099-6312

MOTOR NO / UNIT NO

228000-9901, 228000-9902, 428000-0700

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

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

ND 2011**HYUNDAI ERA****5x10,6x12,5****12 Volt****UYGUN OEM NO / REPLACING OE-REF****MOTOR NO / UNIT NO**

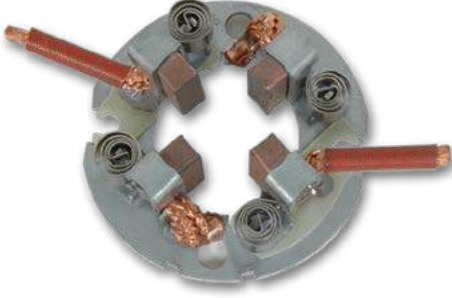
36100-03100, 36100-03200, 36100-03150

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

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 ->
SPRTAGE 1.6L 2011 ->

ND 2012**YENİ - NEW****HYUNDAI ACCENT****5x13x12****12 Volt****UYGUN OEM NO / REPLACING OE-REF****MOTOR NO / UNIT NO**1195925, 36100-2A000, 36100-2A100, 36100-2A300,
FS10E10**3 KÖMÜRLÜ / WITH 3 BRUSHES****ARAÇ MODELİ / VEHICLE MODEL**

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 ->

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

CATERPILLAR D17LIS D.MOTOR 1996-2006**ISUZU** NKR 2.9D 1985 - 1996**KIA** BESTA 2.2D 1997 - 2004**LISTER** LPA3 1985 ->**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, D9E131, D9E138, D9E140, D9E200, D9E238, D9E300,
D9E40, D9E43, D9E44, D9E45, D9E46, D9E49, D9E51, D9E53,
D9E54, D9E55, D9E62, D9E702, D9E74, D9E75, D9E77, D9E771,
D9E772, D9E773, D9E774, D9E776, D9E79, D9E85, D9E851,
D9E852, D9E9, D9E95, D9EP119, D9R237

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

UYGUN OEM NO / REPLACING OE-REF**MOTOR NO / UNIT NO**

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

3 KÖMÜRLÜ / WITH 3 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 1330

PSX 133'e uygun. / Suitable for PSX 133

UYGUN OEM NO / REPLACING OE-REF

101589

MOTOR NO / UNIT NO

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

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

UYGUN OEM NO / REPLACING OE-REF

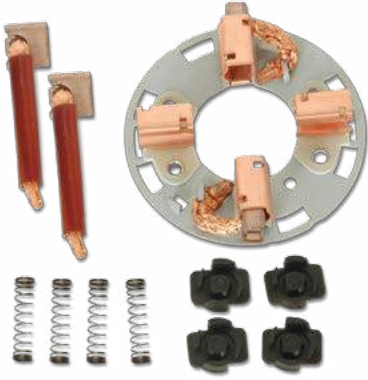
101589

MOTOR NO / UNIT NO

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

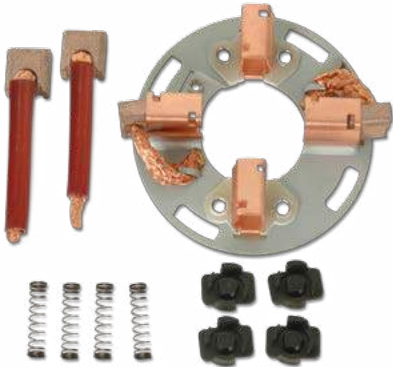
VA 1441

PSX 142-144
7x14x13,7
12 Volt
UYGUN OEM NO / REPLACING OE-REF
MOTOR NO / UNIT NO

D7RS131, D7RS31, D7RS30, D7RS130

saat yönü tersi / anticlockwise

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

4 KÖMÜRLÜ / WITH 4 BRUSHES
VA 1442

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

594780

MOTOR NO / UNIT NO

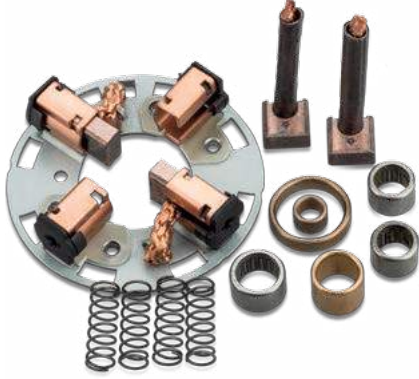
1250128, 1250449, 188839, 438189, 458237, D7G20, D7G26, D7R1, D7R11, D7R12, D7R127, D7R13, D7R15, D7R151, D7R16, D7R17, D7R18, D7R19, D7R2, D7R20, D7R22, D7R23, D7R24, D7R25, D7R26, D7R27, D7R28, D7R281, D7R3, D7R32, D7R33, D7R34, D7R35, D7R4, D7R40, D7R42, D7R43, D7R44, D7R45, D7R46, D7R47, D7R48, D7R49,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

saat yönü / clockwise

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

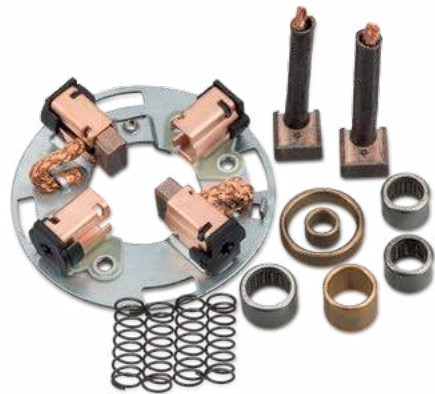
4 KÖMÜRLÜ / WITH 4 BRUSHES

VA 1443**YENİ - NEW****PSX 142-144****7x14x13,7****12 Volt****UYGUN OEM NO / REPLACING OE-REF****MOTOR NO / UNIT NO**

D7RS131, D7RS31, D7RS30, D7RS130

TAMİR TAKIMLI/WITH REPAIR KIT
saat yönü tersi / anticlockwise**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 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****YENİ - NEW****PSX 142-144****7x14x13,7****12 Volt****UYGUN OEM NO / REPLACING OE-REF**
594780**MOTOR NO / UNIT NO**

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

TAMİR TAKIMLI/WITH REPAIR KIT
saat yönü / clockwise**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 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

4 KÖMÜRLÜ / WITH 4 BRUSHES

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, D6RA101, D6RA104, D6RA107, D6RA110, D6RA12, D6RA13, D6RA132, D6RA133, D6RA141, D6RA15, D6RA16, D6RA161, D6RA162, D6RA167, D6RA168, D6RA17, D6RA18, D6RA19, D6RA20, D6RA21, D6RA22, D6RA23, D6RA25, D6RA26, D6RA27, D6RA28, D6RA29, D6RA30, D6RA32, D6RA33, D6RA34, D6RA37, D6RA38, D6RA39, D6RA40, D6RA41, D6RA42, D6RA43, D6RA44, D6RA45, D6RA46, D6RA48, D6RA49, D6RA5, D6RA50, D6RA51, D6RA511, D6RA52, D6RA53, D6RA54, D6RA55, D6RA56, D6RA57, D6RA571, D6RA572, D6RA59, D6RA6, D6RA60, D6RA61, D6RA62, D6RA63, D6RA66, D6RA661, D6RA67, D6RA68, D6RA7, D6RA70, D6RA72, D6RA721, D6RA73, D6RA74, D6RA75, D6RA76, D6RA78, D6RA79, D6RA8, D6RA80, D6RA81, D6RA83, 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, D6RA101, D6RA104, D6RA107, D6RA110, D6RA12, D6RA13, D6RA132, D6RA133, D6RA141, D6RA15, D6RA16, D6RA161, D6RA162, D6RA167, D6RA168, D6RA17, D6RA18, D6RA19, D6RA20, D6RA21, D6RA22, D6RA23, D6RA25, D6RA26, D6RA27, D6RA28, D6RA29, D6RA30, D6RA32, D6RA33, D6RA34, D6RA37, D6RA38, D6RA39, D6RA40, D6RA41, D6RA42, D6RA43, D6RA44, D6RA45, D6RA46, D6RA48, D6RA49, D6RA5, D6RA50, D6RA51, D6RA511, D6RA52, D6RA53, D6RA54, D6RA55, D6RA56, D6RA57, D6RA571, D6RA572, D6RA59, D6RA6, D6RA60, D6RA61, D6RA62, D6RA63, D6RA66, D6RA661, D6RA67, D6RA68, D6RA7, D6RA70, D6RA72, D6RA721, D6RA73, D6RA74, D6RA75, D6RA76, D6RA78, D6RA79, D6RA8, D6RA80, D6RA81, D6RA83, 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 BIPPER 1.4 HDI 2008 -> PARTNER 1.6 HDI 2006 - 2016
RENAULT	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****UYGUN OEM NO / REPLACING OE-REF**

594290, 594351, 594381, 594479

MOTOR NO / UNIT NO

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

ARAÇ MODELİ / VEHICLE MODEL

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 ->
M.BENZ	SANDERO 1.4/1.6L 2009 ->
	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
	106 1.0/1.1/1.4/1.6L 1993 - 2005
PEUGEOT	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
RENAULT	307 1.4L 2000 - 2008
	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****UYGUN OEM NO / REPLACING OE-REF**

594129, 594130, 594253

MOTOR NO / UNIT NO

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

ARAÇ MODELİ / VEHICLE MODEL

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****UYGUN OEM NO / REPLACING OE-REF**

594129, 594130, 594253

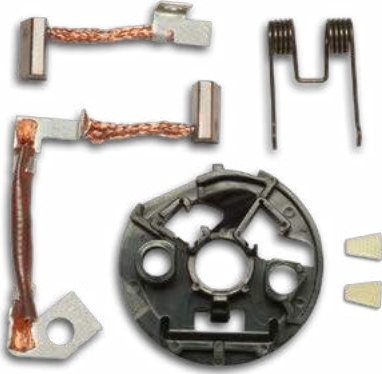
MOTOR NO / UNIT NO

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

kablo boyu / cable length 110 mm

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

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

VA 1581

PSX 148-158
4,5/9x11x18
12 Volt
UYGUN OEM NO / REPLACING OE-REF

594132, 594385

MOTOR NO / UNIT NO

D6RA33, D6RA37, D6RA47, D6RA51, D6RA57, D6RA101, D6RA133, D6RA571

ARAÇ MODELİ / VEHICLE MODEL
CITROEN
VOLVO
RENAULT

MEGANE DIESEL

2 KÖMÜRLÜ / WITH 2 BRUSHES
VA 1591

PSX 148/159
4,5/9x11x18
12 Volt
UYGUN OEM NO / REPLACING OE-REF

594318, 594323, 594359, 594364

MOTOR NO / UNIT NO

D6RA67, D6RA78, D6RA79, D6RA80, D6RA81, D6RA91, D6RA167, D6RA180, D6RA181

ARAÇ MODELİ / VEHICLE MODEL
OPEL
RENAULT
2 KÖMÜRLÜ / WITH 2 BRUSHES
VA 1641

PSX 160-164
7x13x11,5
12 Volt
UYGUN OEM NO / REPLACING OE-REF

190097

MOTOR NO / UNIT NO

190895, D7G11, D7G3, D7G4, D7GS9

Saat Yönü/Clockwise

ARAÇ MODELİ / VEHICLE MODELS
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, D7GS8, TS18E1, TS18E3, TS18ER121,
TS18ER123, TS18ER20, TS18R123

Saat Yönü Tersi/Anticlockwise

ARAÇ MODELİ / VEHICLE MODELS

AUDI	A3 1.6 TDI 2009 - 2012 A3 2.0 TDI 2003 - 2012 Q3 2.0 TDI 2013 -> TT 1.8L 2005 - 2014
SEAT	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 TOLEDO 1.6 TDI 2011 ->
SKODA	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 SUPERB 1.9 TDI 2008 - 2015
VW	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

4 KÖMÜRLÜ / WITH 4 BRUSHES**VA 1671****PSX 166-167****3,9/6,4x10x15,5****12 Volt**

UYGUN OEM NO / REPLACING OE-REF
195253, 594651

MOTOR NO / UNIT NO

D6G1, D6G32, D6G321

Saat Yönü/Clockwise

ARAÇ MODELİ / VEHICLE MODEL

FIAT	500 1.3 M.JET 2007 -> DOBLO 1.3 M.JET 2004 -> DOBLO 1.9 JTD 2003 -> EGEA(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 MJET 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

MOTOR NO / UNIT NO

D6GS12, D6GS13, D6GS14, D6GS19, D6GS36

Saat Yönü Tersi/Anticlockwise

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 TOLEDO 1.6L 2004 - 2009
SKODA	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

HP 0010**HPIX 3** **5,90x12,4x20,3** **12 Volt****UYGUN OEM NO / REPLACING OE-REF**

Elektrikli direksiyon pompaları için / For electric steering pumps

MOTOR NO / UNIT NO

7701470783

KABLOSUZ VE KONEKTÖRSÜZ / WITHOUT CABLE AND CONNECTOR**4 KÖMÜRLÜ / WITH 4 BRUSHES****ARAÇ MODELİ / VEHICLE MODEL****RENAULT** CLIO 1.5 DCI 2001 ->
CLIO 1.9D 1998 ->
KANGOO 1.5 DCI 2001 ->
KANGOO 1.9D 1999 ->**HP 0011****HPIX 3** **5,90x12,4x20,3** **12 Volt****UYGUN OEM NO / REPLACING OE-REF**

Elektrikli direksiyon pompaları için / For electric steering pumps

MOTOR NO / UNIT NO

7701470783

KOMPLE / COMPLETE**KABLOLU VE KONEKTÖRLÜ / WITH CABLE AND CONNECTOR****4 KÖMÜRLÜ / WITH 4 BRUSHES****ARAÇ MODELİ / VEHICLE MODEL****RENAULT** CLIO 1.5 DCI 2001 ->
CLIO 1.9D 1998 ->
KANGOO 1.5 DCI 2001 ->
KANGOO 1.9D 1999 ->

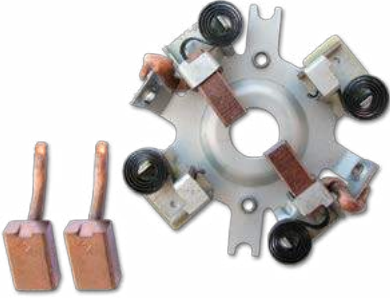


YÜKSEK BAKIRLI KÖMÜR YUVALARI

BRUSH HOLDERS WITH HIGH COPPER DENSITY

BO 1021 CU

YENİ - NEW



BSX 102 CU 9x16x25,5 12 Volt

UYGUN OEM NO / REPLACING OE-REF

2 001 329 901, 2 004 336 010, 2 004 336 021

MOTOR NO / UNIT NO

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

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

YENİ - NEW



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, 0 001 110 026, 0 001 110 080, 0 001 110 089, 0 001 110 095, 0 001 110 114, 0 001 110 132, 0 001 115 001, 0 001 125 501, 0 001 125 502, 0 001 125 511, 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 CU

YENİ - NEW



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

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
OCTAVIA 1.9 TDI 1996 - 2001
SKODA TRANSPORTER 2.5 TDI 1990-2003
VW 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**YENİ - NEW****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, 0 001 109 015, 0 001 109 021, 0 001 109 022, 0 001 109 034, 0 001 109 041, 0 001 109 042, 0 001 109 046, 0 001 109 052, 0 001 109 055, 0 001 109 061, 0 001 109 062, 0 001 109 068, 0 001 109 252, 0 001 109 256, 0 001 110 004, 0 001 110 005, 0 001 110 007, 0 001 110 008, 0 001 110 011, 0 001 110 012, 0 001 110 013, 0 001 110 016, 0 001 110 017, 0 001 110 019, 0 001 110 022, 0 001 110 023, 0 001 110 024, 0 001 110 025, 0 001 110 027, 0 001 110 028, 0 001 110 029, 0 001 110 030, 0 001 110 039, 0 001 110 041, 0 001 110 042, 0 001 110 043, 0 001 110 044, 0 001 110 045, 0 001 110 046, 0 001 110 047, 0 001 110 048, 0 001 110 049, 0 001 110 050, 0 001 110 051, 0 001 110 052, 0 001 110 053, 0 001 110 054, 0 001 110 055, 0 001 110 056, 9 000 331 417, 0 001 110 063, 0 001 110 064, 0 001 110 065, 0 001 110 066, 0 001 110 067, 0 001 110 068, 0 001 110 071, 0 001 110 072, 0 001 110 075, 0 001 110 079, 0 001 110 082, 0 001 110 083, 0 001 110 088, 0 001 110 090, 0 001 110 091, 0 001 110 092, 0 001 110 100, 0 001 110 101, 0 001 110 102, 0 001 110 103, 0 001 110 104, 0 001 110 105, 0 001 110 106, 0 001 110 107, 0 001 110 108, 0 001 110 109, 0 001 110 110, 0 001 110 111, 0 001 110 112, 0 001 110 113, 0 001 110 114, 0 001 110 115, 0 001 110 120, 0 001 110 121, 0 001 110 122, 0 001 110 123, 0 001 110 124, 0 001 110 125, 0 001 110 126, 0 001 110 127, 0 001 110 128, 0 001 110 129, 0 001 110 110, 0 001 110 137, 0 001 110 138, 0 001 110 139, 0 001 110 999, 0 001 111 001, 0 001 115 002, 0 001 115 007, 0 001 124 020, 0 001 124 021, 0 001 125 501, 0 001 125 502, 0 001 125 503, 0 001 125 504, 0 001 125 507, 0 001 125 508, 0 001 125 511, 0 001 125 512, 0 001 125 513, 0 001 125 514, 0 001 125 517, 0 001 125 518, B 001 117 012, B 001 117 013, B 001 117 050, B 001 117 070, B 001 117 148, B 001 117 149, B 001 126 016, F 010 AL0 101

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**YENİ - NEW****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, 0 001 110 026, 0 001 110 080, 0 001 110 089, 0 001 110 095, 0 001 110 114, 0 001 110 132, 0 001 115 001, 0 001 125 501, 0 001 125 502, 0 001 125 511, 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

YENİ - NEW

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

YENİ - NEW

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

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**YENİ - NEW****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, 0 001 107 032, 0 001 108 004, 0 001 108 019, 0 001 108 020, 0 001 108 022, 0 001 108 024, 0 001 108 025, 0 001 108 026, 0 001 108 027, 0 001 108 048, 0 001 108 051, 0 001 108 052, 0 001 108 053, 0 001 108 056, 0 001 108 063, 0 001 108 064, 0 001 108 070, 0 001 108 075, 0 001 108 080, 0 001 108 081, 0 001 108 088, 0 001 108 089, 0 001 108 090, 0 001 108 093, 0 001 108 098, 0 001 108 100, 0 001 108 101, 0 001 108 102, 0 001 108 107, 0 001 108 111, 0 001 108 112, 0 001 108 115, 0 001 108 118, 0 001 108 119, 0 001 108 120, 0 001 108 121, 0 001 108 122, 0 001 108 124, 0 001 108 125, 0 001 108 126, 0 001 108 128, 0 001 108 130, 0 001 108 131, 0 001 108 133, 0 001 108 134, 0 001 108 135, 0 001 108 136, 0 001 108 137, 0 001 108 138, 0 001 108 139, 0 001 108 140, 0 001 108 141, 0 001 108 142, 0 001 108 143, 0 001 108 141, 0 001 108 144, 0 001 108 145, 0 001 108 146, 0 001 108 149, 0 001 108 150, 0 001 108 151, 0 001 108 153, 0 001 108 154, 0 001 108 155, 0 001 108 156, 0 001 108 158, 0 001 108 159, 0 001 108 160, 0 001 108 162, 0 001 108 166, 0 001 108 167, 0 001 108 169, 0 001 108 171, 0 001 108 173, 0 001 108 174, 0 001 108 175, 0 001 108 176, 0 001 108 177, 0 001 108 178, 0 001 108 183, 0 001 108 184, 0 001 108 188, 0 001 108 189, 0 001 108 197, 0 001 108 995, 0 001 108 996, 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 1621 CU**YENİ - NEW****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

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

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
YENİ - NEW

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

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, 0 001 106 014, 0 001 106 015, 0 001 106 016, 0 001 107 009, 0 001 107 012, 0 001 107 014, 0 001 107 015, 0 001 107 016, 0 001 107 017, 0 001 107 018, 0 001 107 019, 0 001 107 024, 0 001 107 025, 0 001 107 026, 0 001 107 027, 0 001 107 028, 0 001 107 029, 0 001 107 030, 0 001 107 033, 0 001 107 034, 0 001 107 037, 0 001 107 038, 0 001 107 040, 0 001 107 041, 0 001 107 043, 0 001 107 044, 0 001 107 045, 0 001 107 046, 0 001 107 047, 0 001 107 048, 0 001 107 049, 0 001 107 054, 0 001 107 055, 0 001 107 058, 0 001 107 059, 0 001 107 060, 0 001 107 061, 0 001 107 062, 0 001 107 063, 0 001 107 066, 0 001 107 067, 0 001 107 068, 0 001 107 069, 0 001 107 073, 0 001 107 074, 0 001 107 075, 0 001 107 076, 0 001 107 078, 0 001 107 079, 0 001 107 080, 0 001 107 082, 0 001 107 083, 0 001 107 085, 0 001 107 087, 0 001 107 088, 0 001 107 089, 0 001 107 090, 0 001 107 091, 0 001 107 092, 0 001 107 093, 0 001 107 094, 0 001 107 095, 0 001 107 097, 0 001 107 103, 0 001 107 104, 0 001 121 001, 0 001 121 002, 6 004 AA0 003, 6 004 AA0 018, 9 000 081 004, 9 000 081 006, 9 000 081 007, 9 000 694 022, 9 000 694 035, 9 000 694 044, 9 007 045 009, 9 007 045 018, 9 007 045 020, 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
93 2.0T 1999 - 2003
SAAB 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**YENİ - NEW****BSX 175-176 CU 5x12x11,6 12 Volt****UYGUN OEM NO / REPLACING OE-REF**

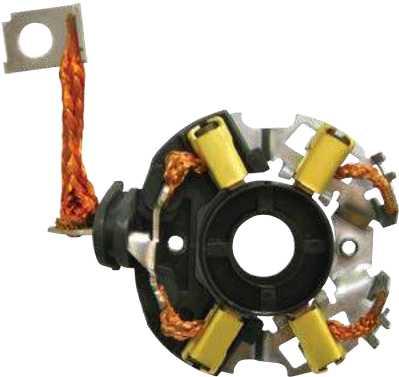
1 004 336 417, 1 004 336 746, 1 004 336 810, 1 004 336 821, 1 004 336 831, 1 004 336 937, 1 004 336 951, 1 004 336 975, 2 004 336 215

MOTOR NO / UNIT NO

0 001 106 014, 0 001 106 016, 0 001 107 003, 0 001 107 004, 0 001 107 005, 0 001 107 006, 0 001 107 007, 0 001 107 008, 0 001 107 009, 0 001 107 011, 0 001 107 012, 0 001 107 013, 0 001 107 015, 0 001 107 020, 0 001 107 021, 0 001 107 022, 0 001 107 023, 0 001 107 024, 0 001 107 025, 0 001 107 026, 0 001 107 034, 0 001 107 039, 0 001 107 044, 0 001 107 045, 0 001 107 052, 0 001 107 053, 0 001 107 064, 0 001 107 080, 0 001 121 006, 0 001 121 007, 0 001 121 008, 0 001 121 009, 0 001 121 010, 0 001 121 011, 0 001 121 016, 0 001 121 017, 0 001 121 018, 0 001 121 019, 0 001 121 022, 0 001 121 023, 0 001 121 024, 0 001 121 025, 0 001 121 026, 0 001 121 027, 0 001 121 028, 0 001 121 029, 6 004 AA0 003, 9 000 081 001, 9 000 694 029, 9 007 045 016, 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**YENİ - NEW****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, 0 001 106 014, 0 001 106 015, 0 001 106 016, 0 001 107 009, 0 001 107 012, 0 001 107 014, 0 001 107 015, 0 001 107 016, 0 001 107 017, 0 001 107 018, 0 001 107 019, 0 001 107 024, 0 001 107 025, 0 001 107 026, 0 001 107 027, 0 001 107 028, 0 001 107 029, 0 001 107 030, 0 001 107 033, 0 001 107 034, 0 001 107 037, 0 001 107 038, 0 001 107 040, 0 001 107 041, 0 001 107 043, 0 001 107 044, 0 001 107 045, 0 001 107 046, 0 001 107 047, 0 001 107 048, 0 001 107 049, 0 001 107 054, 0 001 107 055, 0 001 107 058, 0 001 107 059, 0 001 107 060, 0 001 107 061, 0 001 107 062, 0 001 107 063, 0 001 107 066, 0 001 107 067, 0 001 107 068, 0 001 107 069, 0 001 107 073, 0 001 107 074, 0 001 107 075, 0 001 107 076, 0 001 107 078, 0 001 107 079, 0 001 107 080, 0 001 107 082, 0 001 107 083, 0 001 107 085, 0 001 107 087, 0 001 107 088, 0 001 107 089, 0 001 107 090, 0 001 107 091, 0 001 107 092, 0 001 107 093, 0 001 107 094, 0 001 107 095, 0 001 107 097, 0 001 107 103, 0 001 107 104, 0 001 121 001, 0 001 121 002, 6 004 AA0 003, 6 004 AA0 018, 9 000 081 004, 9 000 081 006, 9 000 081 007, 9 000 694 022, 9 000 694 035, 9 000 694 044, 9 007 045 009, 9 007 045 018, 9 007 045 020, 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 1993 - 2003

FI 1221 CU

YENİ - NEW



JSX 21-22 CU 6x13x17,5 12 Volt

UYGUN OEM NO / REPLACING OE-REF
74883421

MOTOR NO / UNIT NO

63101003, 63221300, 63221302, 63221303, 63221304, 63221305, 63221308, 63221330, 63221332, 63221333, 63221334, 63221335, 63221338, 63221400, 63221401, 63221403, 63221404, 63221407, 63221408, 63221430, 63221431, 63221437, 63221500, 63221501, 63221502, 63221504, 63221505, 63221530, 63221531, 63221532, 63221533, 63221534, 63221535, 63221538, 63221539, 63221630, 63221632, 63221633, 63221637, 63221639, 63221731, 63221800, 63221830, 63221832, 63221834, 63221890, 63221892, 63291401, 63291403, 63291405

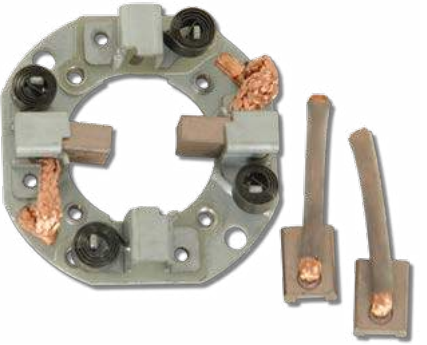
3 KÖMÜRLÜ / WITH 3 BRUSHES

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

YENİ - NEW



JSX 35-36 CU 7x13x17.5 12 Volt

UYGUN OEM NO / REPLACING OE-REF
83221241, 83224461, 83225359, 83226216

MOTOR NO / UNIT NO

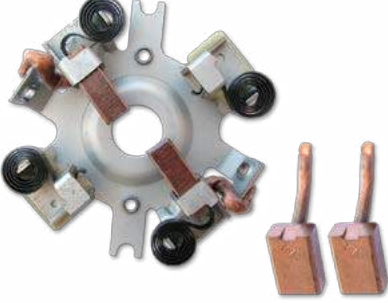
50246532, 50246648, 63101000, 63102000, 63102003, 63102004, 63102007, 63102008, 63103002, 63103003, 63103007, 63103008, 63103015, 63103022, 63103031, 63192000, 63222831, 63222832, 63222833, 63222836, 63222837, 63222838, 63222900, 63222901, 63222904, 63223031, 63223032, 63223033, 63223034, 63223035, 63223085,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

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

MA 5261 CU

YENİ - NEW


MASX 25-26 CU **9x16x23** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF
 72164101

MOTOR NO / UNIT NO

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

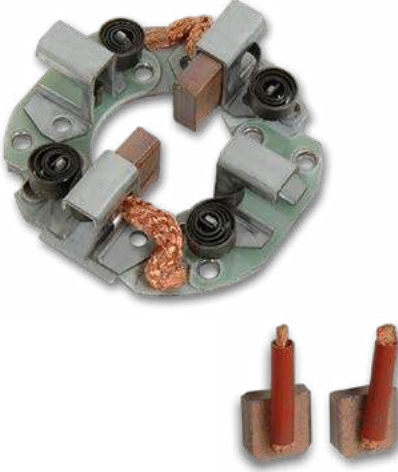
4 KÖMÜRLÜ / WITH 4 BRUSHES

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

RENAULT MASTER 28-35 2.4/2.5D 1980-1989
 TRAFFIC 2.5D 1980 - 2001

MI 8991 CU
YENİ - NEW

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

M649T05072, M649T05072

MOTOR NO / UNIT NO

M002T54271, M002T54371, M002T54372, M002T54471, M002T54571, M002T54572, M002T54771, M002T54871, M002T54881, M002T54882, M002T55871, M002T56171, M002T56181, M002T56182, M002T56185, M002T56272, M002T56471, M002T56472, M002T56475, M002T56871, M002T57271, M002T57273, M002T57371, M002T57671, M002T57671A, M002T57672, M002T57673C, M002T57771, M002T57773, M002T57871, M002T57881, M002T61071, M002T61072, M002T61171, M002T61271, M002T61771, M002T62271, M002T62771, M002T62871, M002T62971, M002T63071, M002T63171, M002T63271, M002T64271, M002T64371, M002T64871, M002T65271, M002T65272, M002T65275, M002T65671, M002T66871, M002T66872, M002T66873, M002T67871, M002T67872, M002T67873, M002T67881, M002T67882, M002T67883, M002T67884, M002T67981, M002T69081, M002T69171, M002T69381, M002T74171, M002T80582, M002T90071, M002T92071A, M002T92172A, M002V57673, M2T54271, M2T54272, M2T54371, M2T54372, M2T54471, M2T54571, M2T54572, M2T54671, M2T54771, M2T54871, M2T54881, M2T54882, M2T55571, M2T55871, M2T56171, M2T56181, M2T56182, M2T56185, M2T56271, M2T56272, M2T56471, M2T56472, M2T56475, M2T56871, M2T56971, M2T57271, M2T57273, M2T57371, M2T57671, M2T57671A, M2T57672, M2T57673B, M2T57673C, M2T57771, M2T57773, M2T57871, M2T57881, M2T60172, M2T60185, M2T60271, M2T60671, M2T61071, M2T61072, M2T61171, M2T61271, M2T61371, M2T61471, M2T61771, M2T62271, M2T62771, M2T62871, M2T62971, M2T63071, M2T63171, M2T63271, M2T63371, M2T64271, M2T64371, M2T64372, M2T64871, M2T65275, M2T65671, M2T66871, M2T66872, M2T67871, M2T67872, M2T67873, M2T67881, M2T67882, M2T67883, M2T67981, M2T69081, M2T69171, M2T69381, M2T74171, M2T74371, M2T90071, M2T92071A, M2T92172A, M2T92271A, M2V57673, M3T64172, M8T87171, MD050205, MD061154, MD069166, MD070934, MD140190, MD156986, MD156987, MD156989, MD162975, MD164975, MD164976, MD164977, MD164978, MD177596, MD191433, MD191434, MD191435, MD191436, MD191437, ME001565, ME007655, ME017035, ME017036, ME017056, ME017061, ME017085, ME017089, ME017646, 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
MITSUBISHI CANTER 35 2.5D 1986 - 1996
PAJERO 2.5 TD 1990 - 2000
L200 2.5 TD 1992 - 1996
L300 2.5D 1986 - 2000

VA 1331 CU**YENİ - NEW****PSX 133 CU****13,9/6,9x12x15****12 Volt****UYGUN OEM NO / REPLACING OE-REF**
101589**MOTOR NO / UNIT NO**

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

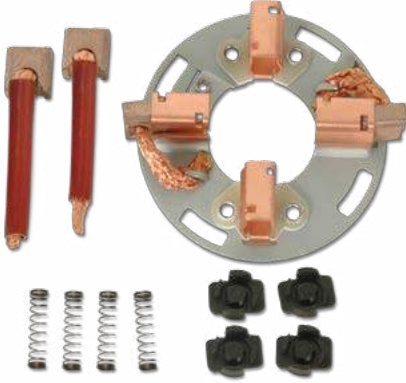
2 KÖMÜRLÜ / WITH 2 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL****RENAULT** R11 1.4/1.7L 1983 - 1991
R12 1.3L
R19 1.4L 1988 - 2001
R21 1.7L 1986 - 1995
R9 1.4L 1981 - 1991**VA 1441 CU****YENİ - NEW****PSX 142-144 CU****7x14x13,7****12 Volt****UYGUN OEM NO / REPLACING OE-REF****MOTOR NO / UNIT NO**

D7RS131, D7RS31, D7RS30, D7RS130

saat yönü tersi / anticlockwise

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

YENİ - NEW


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

MOTOR NO / UNIT NO

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

Saat Yönü/Clockwise

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
 STAREX 2.5 CRDI 2002 - 2007

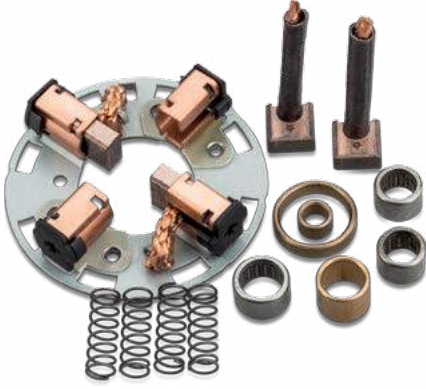
KIA SORENTO 2.5 CRDI 2002 - 2009
 CEED 2.0 CRDI 2007 - 2012
 SPORTAGE 2.0 CRDI 2008 - 2014

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

VA 1443 CU**YENİ - NEW**

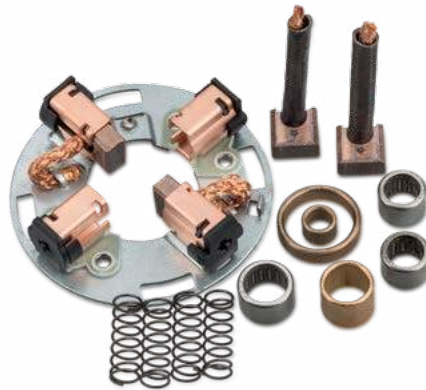
PSX 142-144 CU 7x14x13,7 12 Volt
UYGUN OEM NO / REPLACING OE-REF

MOTOR NO / UNIT NO
 D7RS131, D7RS31, D7RS30, D7RS130

TAMİR TAKIMLI/WITH REPAIR KIT
 saat yönü tersi / anticlockwise

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 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 1444 CU**YENİ - NEW**

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

MOTOR NO / UNIT NO
 1250128, 1250449, 188839, 438189, 458237, D7G20,
 D7G26, D7R1, D7R11, D7R12, D7R127, D7R13, D7R15,
 D7R151, D7R16, D7R17, D7R18, D7R19, D7R2, D7R20,
 D7R22, D7R23, D7R24, D7R25, D7R26, D7R27, D7R28,
 D7R281, D7R3, D7R32, D7R33, D7R34, D7R35, D7R4,
 D7R40, D7R42, D7R43, D7R44, D7R45, D7R46, D7R47,
 D7R48, D7R49, D7R5, D7R53, D7R56, D7R61, D7R64, D7R7,
 D7R8, D7RP123, D7RP204, D7RP82, D8R1, D8R27, D8R28,
 D8R29, TM000A34101, TM000A36101, TS18E33, TS22E26,
 TS22E5, TS22E5B, TS22E8, TS22E9, TS24E6

TAMİR TAKIMLI/WITH REPAIR KIT
 Saat Yönü/Clockwise

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
YENİ - NEW

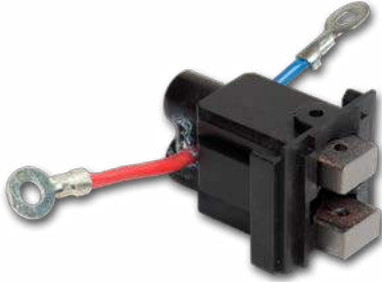
RX 140-141 4,5 x 8 x 22 12 Volt
UYGUN OEM NO / REPLACING OE-REF

10475746

MOTOR NO / UNIT NO

10463651, 10463940, 10479991, 10480017, 10480071,
10480072, 10480119, 10480167, 10480168,
10480187, 10480189, 10480190, 10480198, 10480214,
10480215, 10480237, 10480254, 10480308, 10480353,
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
UYGUN OEM NO / REPLACING OE-REF
MOTOR NO / UNIT NO

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

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
YENİ - NEW

JAAX 35 5x7x15 12 Volt
UYGUN OEM NO / REPLACING OE-REF

021620-3020

MOTOR NO / UNIT NO

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

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
 RAV4 3.5 V6 2010 ->
VOLVO S40 1.6D 2004 - 2012
 S40 1.6L 2004 - 2012

ND 0352

YENİ - NEW



JAAX 35 5x7x15 12 Volt

UYGUN OEM NO / REPLACING OE-REF

021620-3001

MOTOR NO / UNIT NO

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

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

YENİ - NEW



JAAX 35 5x7x15 12 Volt

UYGUN OEM NO / REPLACING OE-REF

021620-2530, 021620-2720

MOTOR NO / UNIT NO

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

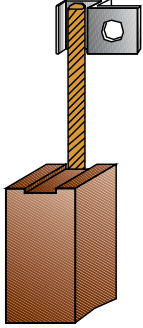
2 KÖMÜRLÜ / WITH 2 BRUSHES

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

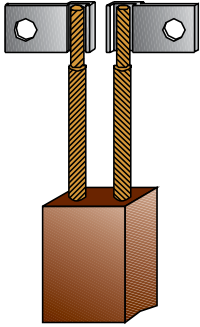
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

9x13x25,5

 0 001 354 006, 012, 016, 018, 025-027, 029, 031, 033,
034, 036, 038, 042, 048, 055, 062, 064, 068,
070, 073, 074, 077, 079-096, 098-100, 103,
106, 108, 109, 113,
0 001 355 012
356 001 363 001
9 000 143 200, 1

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

4-BS 33

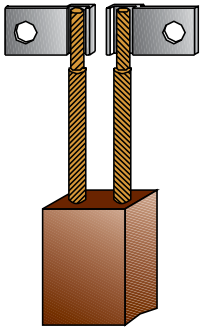
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

9x20x28,5

 0 001 400 016,
401 051

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

4-BS 34

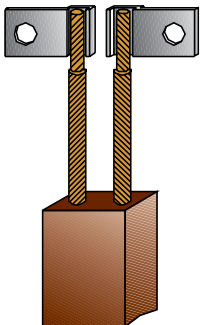
 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

9x20x28,5

 0 001 401 071,
402 001, 7-9, 011, 012, 018, 023, 034, 041, 043,
044, 050, 052-061, 065, 066, 068, 069, 071,
072, 074, 075, 077, 079-081

**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

 0 001 401 002, 4-7, 11, 13, 15, 17, 26-29, 35-37, 39,
041, 43-47, 49-53, 57, 60-62, 66-71, 73

**MERCEDES
VOLVO
MAGIRUS**

Takım Sipariş Kodu / Set Order Code

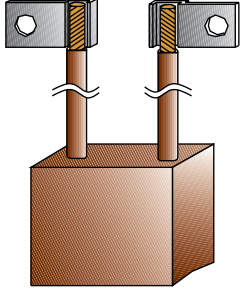
Özellikler
Properties

Motor Numarası / Unit No.

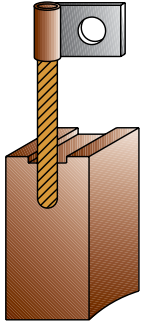
Araç Modeli/Vehicle Model

BSX 36

1 007 014 105

**4-BS 36**Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**12x36x30**0 001 501 001, 3, 5, 6, 13, 14, 19, 24, 31, 32, 34, 35,
38, 41**SCANIA** VABIS
MAGIRUS
MERCEDES
VOLVO**BSX 39**

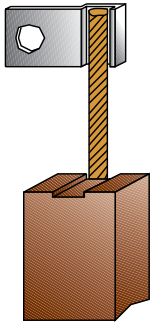
2 007 014 002

**4-BS 39**Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**9x13x25,5**

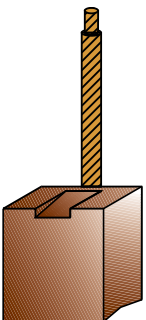
0 001 355 009, 11, 13, 15-17, 19, 20

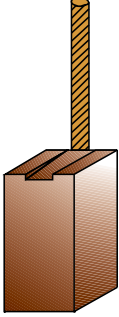
BSX 43

1 107 014 110

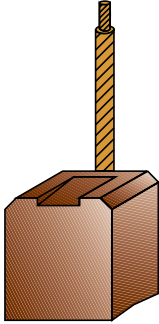
**4-BS 43**Gerilim / Voltage
(Volt)**6/12**Ölçü / Dimension
(mm)**7x16x22**0 001 203 005, 008-011, 016, 019
204 005
205 003, 005, 007, 009, 010, 012, 013, 015, 017
217 001
304 002, 010, 012, 013, 016, 019, 023
305 001, 002, 008, 010-013, 016
306 011, 013
307 004, 007-012, 014-017, 019-022, 024, 025
309 001
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, 003, 005, 006, 007, 009
010, 013, 015, 016, 019, 020
0 001 310 002, 005, 007, 008, 009, 010
011, 016**OPEL**
MERCEDES

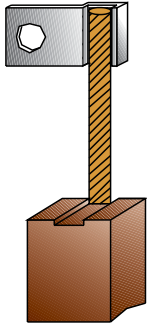
Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
BSX 59
**1 007 014 117
1 007 014 112**

2-BS 59
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x16x18

0 001 208 001, 014, 018, 019, 030, 036
037, 038, 048
0 001 209 014, 003, 006, 010, 012, 013
018, 020, 022, 026
212 002, 003
214 001
217 001
0 001 311 008, 010, 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, 017
157 001-4, 6, 7, 13-16, 18, 21-25, 27-30
9 000 141 101, 3, 4, 7, 8, 11-16, 100
334 101-104

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

OPEL CORSA
KADETT
ASCONA

Takım Sipariş Kodu / Set Order Code

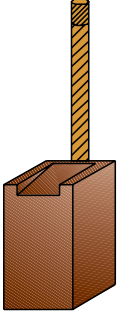
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 75

2 007 014 026

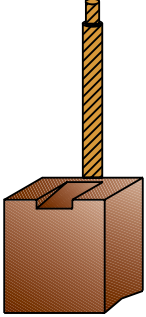
**BO 0751****4-BS 75**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**7x10x18**

0 001 207 001, 018,
208 004, 08, 25, 39-41, 44, 49, 51-54, 100, 101
200-5, 6, 8-11, 13, 14, 16-21, 23-29, 32, 33
403-409, 11-23, 25-29,
211 200, 1, 4-9, 10, 13-25, 27-29, 33-36, 39, 41-49
251-55, 57-59, 86, 88,
986-93, 95-96, 97, 98
0 001 212 006-8, 11, 13, 204-14, 400-3
213 003, 4
9 000 142 001-003, 14, 100-102
333 105, 112, 115, 116, 118, 119

FORD GXL 1.1 L, 1.3 L
OPEL
MERCEDES

BSX 76

1 007 014 119
1 007 014 121
1 007 014 127

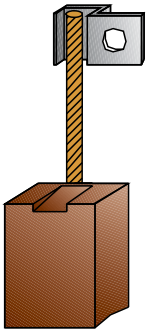
**4-BS 76**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**7x16x18**

0 001 207 001, 3, 5-7, 9, 10, 13, 15-20
208 004, 6, 7, 9-12, 17-19, 23, 25, 29, 032, 033, 36-38,
46-50, 54, 55, 056, 058, 059, 061
209 014
211 005, 016, 017, 129
212 002, 3, 5, 6, 12
214 001, 002
215 001, 002
217 001
0 001 310 002, 5, 7-11, 16, 18, 43, 46, 47,
0 001 310 049, 50, 116, 120
311 008, 10, 13, 19, 23, 25, 28-32, 34-37, 45, 47, 050
052, 054-056, 100, 103, 105, 107, 108,
112, -115, 118, 120-128, 130, 131, 133-143,
146, 147, 149-152,
312 100-102, 104-107, 110, 111
313 006, 007
314 001, 003-006, 008-018, 022, 024-049
0 001 317 005, 006

OPEL
MERCEDES
BMW

BSX 82

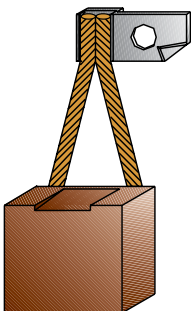
2 007 014 041

**4-BS 82**Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**7x16x22**

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

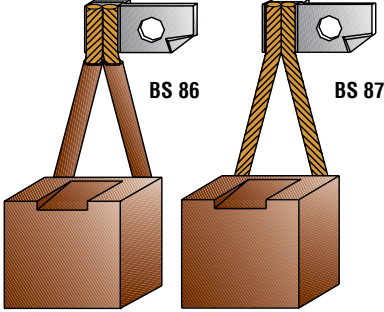
VOLVO**BSX 85**

2 007 014 022

**4-BS 85**Gerilim / Voltage
(Volt)**12/ 24**Ölçü / Dimension
(mm)**8x25x23**

0 001 360 008, 10, 12, 16, 23
2 004 320 218
2 004 320 139
0 001 364 001
0 001 360

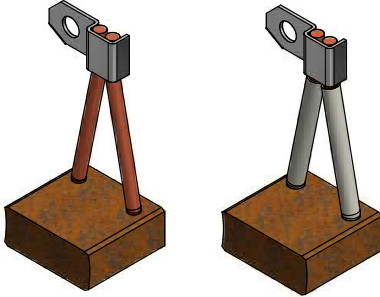
MERCEDES 302
FORD CARGO
MAN

Takım Sipariş Kodu / Set Order Code
BSX 86-87
**2 007 014 044
2 007 014 052**

**Özellikler
Properties**
**2-BS 86
2-BS 87**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
10x25x23
Motor Numarası / Unit No.

0 001 358 200-2
0 001 359 001-4, 6-8, 10-14, 16, 18-21, 23-41, 43-51,
53-69, 71-76, 81-92, 94-102, 104-14, 17-19, 22,
24
0 001 365 004-008
9 000 143 107, 9-11

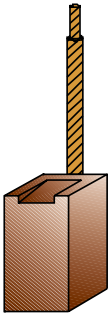
Araç Modeli/Vehicle Model

IVECO 49 NC
DODGE AS 600
MACK

BSX 96
**2 007 014 044
2 007 014 052**

BS 96A
BS 96B
**2-BS 96A
2-BS 96B**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
10x25x23

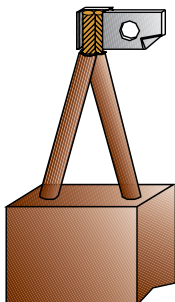
0 001 358 200-2
0 001 359 001-4, 6-8, 10-14, 16, 18-21, 23-41, 043-51,
53-69, 71-76, 81-92, 94-102, 104-14, 17-19, 22,
24
0 001 365 004-008
9 000 143 107, 9-11

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

0 001 207 001, 018,
208 004, 08, 25, 039-41, 44, 49, 51-54, 100, 101
200-5, 6, 8-11, 13, 14, 16-21, 23-29, 32, 33
403-409, 11-23, 25-29,
211 200, 1, 4-9, 10, 13-25, 27-29, 33-36, 39, 41-49,
251-55, 57-59, 86, 88,
986-93, 95-96, 97, 98
0 001 212 006-8, 11, 13, 204-14, 400-3
213 003, 4
9 000 142 001-003, 14, 100-102
333 105, 112, 115, 116, 118, 119

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

BSX 99
2 007 014 036

4-BS 99
**Gerilim / Voltage
(Volt)**
24
**Ölçü / Dimension
(mm)**
12x36x27

0 001 410 029,062
416 001-40,42-77
0 001 417 001-74

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

Takım Sipariş Kodu / Set Order Code

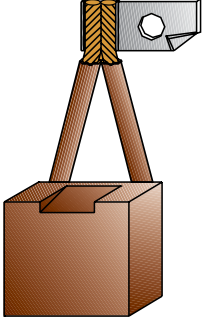
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 100

2 007 014 049

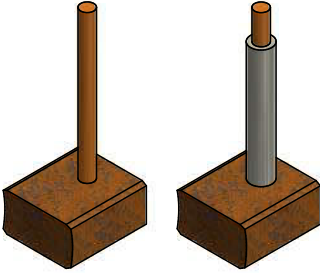
**4-BS 100**Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**8x25x23**

0 001 360 002, 3, 7, 8-10, 12-19, 22-27, 29-45, 047-51,
54-61, 63-65
0 001 364 100, 6, 8, 200-6
416 015
417 060
9 000 143 300-5, 501

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

BSX 101

2 007 014 040



BS 101A

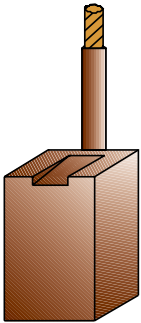
BS 101B

BO 1011**2-BS 101A
2-BS 101B**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**9x16x18**

0 001 362 034-42, 45-53, 57-64, 67, 69-79, 81-83, 98,
99, 111, 322, 700
0 001 363 104, 5, 7, 9, 11, 13, 16
0 001 366 001-6, 8-22, 24-29, 46
9 000 143 204, 408

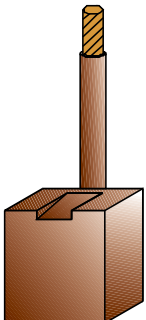
**MERCEDES
MAGIRIUS****BSX 102**

2 007 014 053

**BO 1021****4-BS 102**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**9x16x25,5**

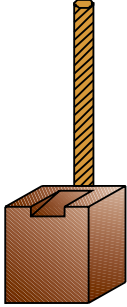
0 001 357 002,
0 001 362 001-9, 11-17, 19,
021-25, 27-30, 32, 33
9 000 143 400, 2, 4-7, 9

OPEL
BEDFORD
MERCEDES 200 D
HENSCHEL

BSX 1042 007 014 054
2 007 014 055**2-BS 104**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**7x16x18**

0 001 208 009 13,24-26,31-33,58,59,61
0 001 211 001 2,4,16,21,23-25
0 001 215 001
0 001 311 001 7,14,16,26,27,32,38,39,45,48
0 001 313 001 3-5

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

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
BSX 121
1 007 014 128

4-BS 121

 Gerilim / Voltage
(Volt)

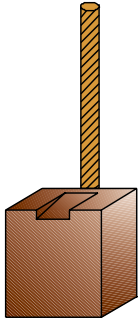
12

 Ölçü / Dimension
(mm)

7x14x16

 0 001 155 016, 017
157 001-4, 6, 7, 13-16, 18, 21-25, 27-30
9 000 141 101, 3, 4, 7, 8, 11-16, 100
334 101-104

OPEL VECTRA, CORSA
RENAULT
SEAT IBIZA

BSX 124
1 007 014 127

4-BS 124

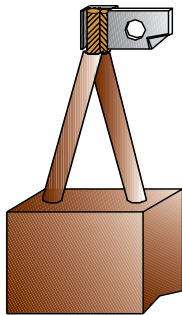
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x16x18

 0 001 207 001-3, 5-7, 9, 10, 13, 15-20
208 004, 6, 7, 9-12, 17-19, 23, 25, 29,
032, 033, 36-38, 46-50, 54, 55
056, 058, 059, 061
209 014
211 005, 016, 017, 129
212 002, 3, 5, 6, 12
214 001, 002
215 001, 002
217 001
0 001 310 002, 5, 7-11, 16, 18, 43, 46, 47,
0 001 310 049, 50, 116, 120
311 008, 10, 13, 19, 23, 25, 28-32, 34-37, 45, 47
050-052, 054-056, 100, 103, 105, 107, 108,
112, -115, 118, 120-128, 130, 131, 133-143,
146, 147, 149-152
312 100-102, 104-107, 110, 111
313 006, 007
314 001, 003-006, 008-018, 022, 024-049
0 001 317 005, 006

BMW 3.16, 3.15
3.20
VOLVO 240
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)

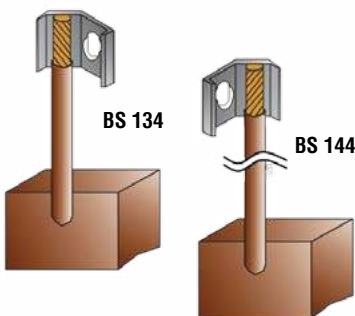
24

 Ölçü / Dimension
(mm)

12x36x27

 0 001 410 010, 015-019, 021-022, 024, 026, 029-032-035,
037, 041, 043-044, 046-048, 050, 052-054, 058,
060-065, 067-069, 073, 075, 077-078, 081, 083,
086-092, 094, 097-098, 101-102, 104-106, 109,
111, 115-118
0 001 411 008, 011-017
0 001 414 001-011, 013-022
0 001 415 001-014, 016-024, 027
0 001 501 014, 015, 020, 032

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

 0 001 367 001-18, 20-46, 48, 50, 51, 54-59, 61-64,
066-68
9 000 143 410, 12, 15, 16, 19

FORD
IVECO
FIAT TRAKTÖR /
TRACTOR
MERCEDES
KAMYON /
TRUCK

Takım Sipariş Kodu / Set Order Code

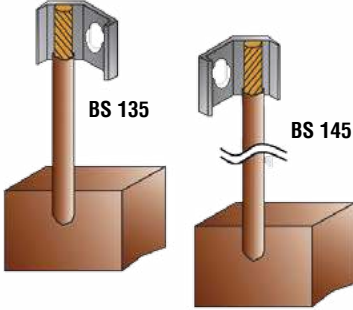
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

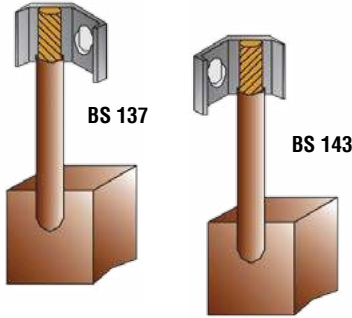
BSX 135-145

2 007 014 063

**BO 1451****2-BS 135**
2-BS 145Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**8x25x17**0 001 368 001-88
300-321
369 011
9 000 143 600-04

MERCEDES
VOLVO
IVECO
RENAULT
FORD
MAN
LEYLAND
DAF KAMYON/
TRUCK
OTOBÜS / BUS

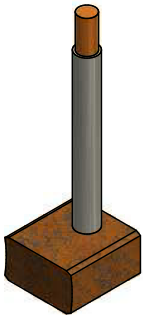
OPEL D
SCANIA D
FIAT D

BSX 137-1432 007 014 065
2 007 014 068**BO 1431****2-BS 137**
2-BS 143Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**9x16x17**0 001 362 034-36, 38-43, 45-53, 057-64
067, 69, 70, 81-86, 88-100, 102-105
300-332, 600-607, 700-705
0 001 366 001-6, 8-22, 24-29,
9 000 143 203, 4; 408, 11, 13, 14, 20

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

BSX 139

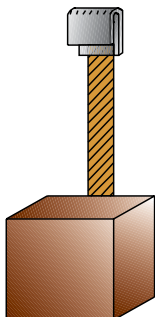
2 007 014 040

**4-BS 139**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**9x16x17**0 001 362 034-36, 38-43, 45-53, 057-64
067, 69, 70, 81-86, 88-100, 102-105
300-332, 600-607, 700-705
0 001 366 001-6, 8-22, 24-29,
9 000 143 203, 4; 408, 11, 13, 14, 20

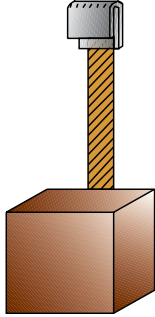
FIAT COMMERCIAL
IVECO
MERCEDES DAIMLER KAMYON / TRUCK
FORD TRANSIT 100-
120-150-190-80, SCORPIO
FIAT OTOBÜS / BUS

BSX 140

1 007 014 138

**BO 1401****4-BS 140**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**7x16x15**0 001 208 516, 710
211 514
312 108, 9
317 007-13, 16-19, 22-25
0 136 300 007

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

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
BSX 146
1 007 014 137

4-BS 146

 Gerilim / Voltage
(Volt)

12

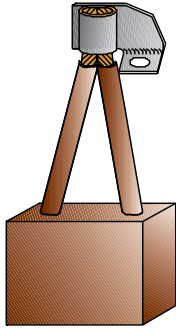
 Ölçü / Dimension
(mm)

7x10x14

 0 001 211 500-505, 7, 10, 11
525-30, 38

**AUDI
VOLKSWAGEN**

 GOLF
JETTA
PASSAT
POLO
PANDA, TIPO
UNO
CAPRI
ESCORT
GRANADA
TAUNUS
Y10

FIAT
FORD
LANCIA
BSX 147
2 007 014 067

4-BS 147

 Gerilim / Voltage
(Volt)

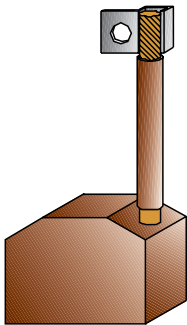
24

 Ölçü / Dimension
(mm)

10x36x27

0 001 420 001-15, 24-29

NISSAN
FIAT TRAKTÖR / TRACTOR
VOLVO KAMYON / TRUCK

BSX 148
2 007 014 070

4-BS 148

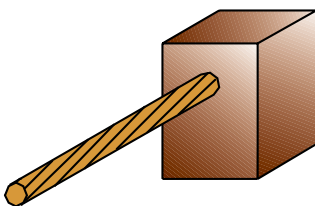
 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

12x36x27

 0 001 410 029, 062
416 001-40, 42-77
417 001-74

**DAF
MERCEDES
MAN
IVECO
SCANIA
VOLVO
KÄSSBOHRER
LEYLAND
RENAULT**
BSX 149
**1 007 014 139
1 007 014 141
1 007 014 145**

BO 1491
4-BS 149

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x10x14

 0 001 208 501, 6-8, 10, 13-21, 26, 28
702, 5-15, 17-19,
211 512, 13, 15, 33, 35, 36
1 001 711 512, 13, 15
9 000 333 104, 06, 09, 14, 17, 20, 21

FIAT PANDA, TIPO, UNO
FORD CAPRI, ESCORT I-II
GRANADA, TAUNUS
LANCIA Y10

VOLKSWAGEN GOLF
PASSAT
JETTA
POLO

AUDI

Takım Sipariş Kodu / Set Order Code

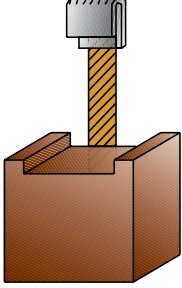
Özellikler
Properties

Motor Numarası / Unit No.

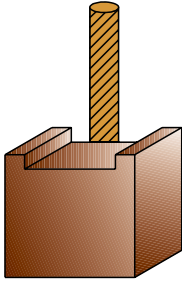
Araç Modeli/Vehicle Model

BSX 151

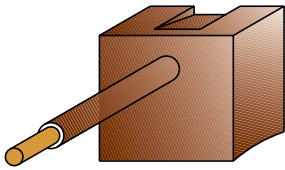
1 007 014 143

**BO 1511**0 001 218 001-29, 100-178
9 000 331 401, 2, 5-9, 11-15, 17-28, 30-33
6 033 AB1 300**4-BS 151**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**7,5x18x17/19****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 151-0**

1 007 014 143

**4-BS 151-0**0 001 218 001-29, 100-178
9 000 331 401, 2, 5-9, 11-15, 17-28, 30-33
6 033 AB1 300Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**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

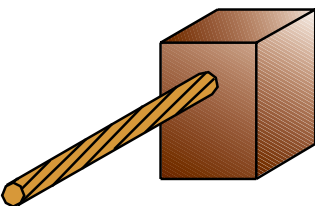
**4-BS 152**

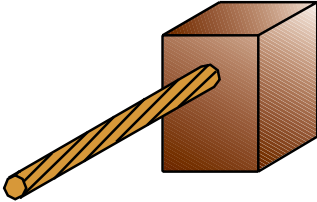
0 001 317 014, 15, 20, 21

Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**7x16x15****OPEL** ASTRA, VECTRA
VOLKSWAGEN CADDY
JETTA, GOLF**AUDI****CITROEN****FORD** GRANADA**VOLKSWAGEN**
KAMYON/TRUCK**IVECO****BSX 154**

1 007 014 141

1 007 014 145

**4-BS 154**0 001 208 501,6-8,10,13-21,26,28
0 001 208 702,5-15,17-19,
0 001 211 512,13,15,33,35,36
1 001 711 512,13,15
9 000 333 104,06,09,14,17,20,21Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**7x10x14****PEUGEOT** 405-309-205**AUDI** 100-200**CITROEN****RENAULT****VOLKSWAGEN**

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
BSX 156
1 007 014 139

4-BS 156

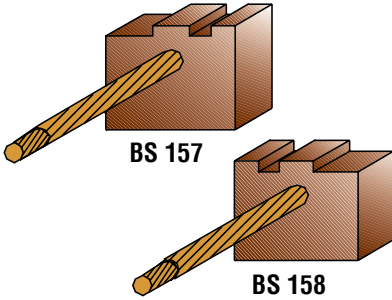
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x10x14

 0 001 208 501,6-8,10,13-21,26,28
 0 001 208 702,5-15,17-19,
 0 001 211 512,13,15,33,35,36
 1 001 711 512,13,15
 9 000 333 104,06,09,14,17,20,21

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)

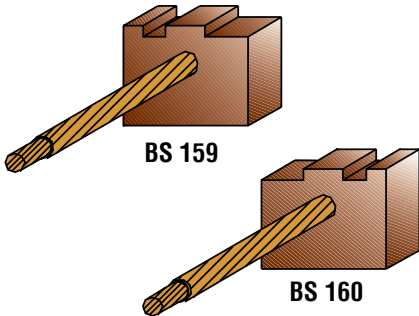
12

 Ölçü / Dimension
(mm)

6x18x13/14,5

 0 001 109 001-003, 06, 07, 11, 12, 14,
 015, 18, 23, 25, 28, 29, 31
 033-035, 40-45, 47, 61,
 110 001-004, 07, 08, 11-15, 18, 19, 22-24
 026-33, 39-49, 51, 53, 55-67, 70, 71,
 073, 75-80, 81, 83-85, 88-90, 92, 95,
 098-102, 104-07, 10-15, 20, 22-24
 999
 115 001, 002
 124 004, 15
 125 001, 02, 05, 06, 09, 10, 12, 13, 16-19
 021, 22,
 501-04, 07, 08, 12, 13, 17
 602
 F 010 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

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**

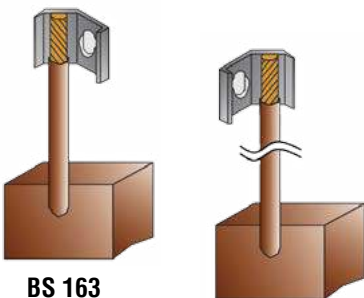
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

5x16x11,5/13

 0 001 108 001, 02, 05, 09-13, 16-33, 35, 37
 040,43-48,50-54,56-66,68,69,
 071-79, 81-100, 103-12, 15-27, 29, 31-33, 36,37
 139-41, 44-54, 56, 58-60, 62
 168-73, 77, 78, 80-82, 84, 86, 99
 996-999
 111 001-05

BMW
ALFA ROMEO
MERCEDES
FORD ESCORT
 MONDEO
 TRANSIT 100
LADA
OPEL FRONTERA
 VECTRA
 A4, A6, A8
AUDI
VOLVO
BSX 163-164
2 007 014 073
2 007 014 076

BS 163
BS 164
BO 1641
**2-BS 163
2-BS 164**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

10x25x15

 0 001 367 001, 04, 05, 07-10, 12, 15, 17,
 018, 21, 23, 32, 44, 47, 49, 50,
 052, 54, 61, 63, 65, 66, 69-82
 300-03,
 369 002, 05-07, 12-25,
 200, 01
 9 000 143 416

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

Takım Sipariş Kodu / Set Order Code

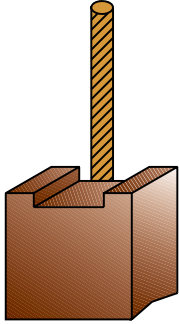
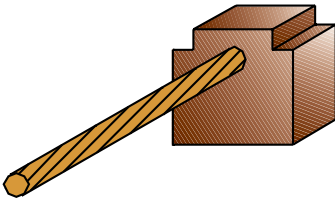
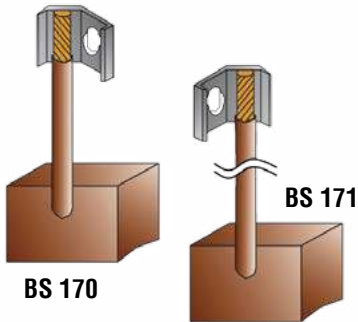
Özellikler
Properties

Motor Numarası / Unit No.

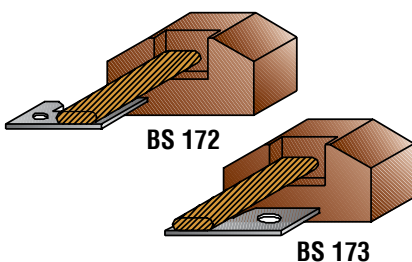
Araç Modeli/Vehicle Model

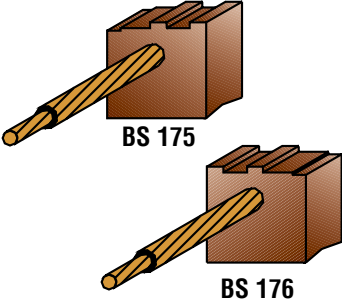
BSX 165

9 003 337 001

**4-BS 165**Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**7.5x18x17/19**0 001 219 001-15, 17
9 000 332 401, 402, 405, 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**0 001 112 003-16, 19-25,
027-29, 32, 39, 41, 44, 45
113 001-15
114 003-06, 08-10, 14-18
020-22
133 003, 04
9 000 081 003, 10**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**BO 1711
BO 1712****2-BS 170
2-BS 171**Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**10x25x15**0 001 364 300, 301, 400, 402
372 001-008**IVECO**
DAF
MERCEDES ACTROS**BSX 172-173**

2 007 014 079

**2-BS 172
2-BS 173**Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**12x36x19**0 001 410 029, 62
416 001-14, 16-19, 22, 24-33,
035-40, 42-53, 56, 57,
059-66, 68-80
417 001, 02, 04-07, 10, 11, 13,
014, 16, 17, 20, 22-31, 33,
035-38, 41-45, 47, 48,
050-59, 61-66, 68, 69,
071-74, 77, 78,
418 004-06, 08, 10**DAF**
SCANIA
MERCEDES 111
IVECO
VOLVO

Takım Sipariş Kodu / Set Order Code
BSX 175-176
1 004 336 219
1 004 336 309
1 04 336 444

**Özellikler
Properties**
BO 1621, BO 1622
BO 1761, BO 1762
BO 1763
2-BS 175
2-BS 176

 Gerilim / Voltage
(Volt)

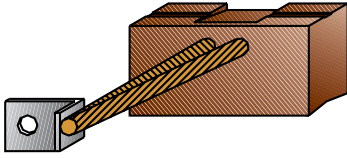
12

 Ölçü / Dimension
(mm)

5x12x10,9/11,6
Motor Numarası / Unit No.

 0 001 106 012, 14, 17, 22-24
 107 009-12, 14, 17-19, 24, 25-34, 37-40, 043, 45-
 48, 52-56, 58, 59, 62-64, 70-75, 77-80, 82,
 87-90, 94-98
 121 001-03, 06-09, 16, 17, 19, 22, 23
 9 000 081 001, 04, 06, 07

Araç Modeli/Vehicle Model
AUDI A4, A6
CITROEN
FIAT DUCATO
FORD ESCORT
OPEL MONDEO
PEUGEOT VECTRA
 306, 406
 BOXER
 PARTNER
SEAT CORDOBA
 IBIZA
 TOLEDO
SKODA OCTAVIA
VOLKSWAGEN POLO
 GOLF, JETTA

BSX 177
2 007 014 082

BO 1771

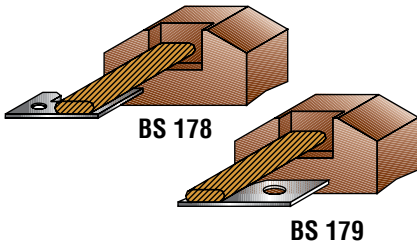
 0 001 371 004-010, 012-20
 9 000 453 064, 65, 68

4-BS 177

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

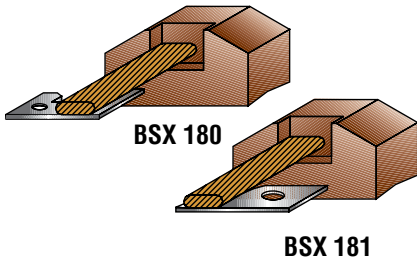
9x36x18
MERCEDES AXOR
 ACTROS
SCANIA
DAF
BSX 178-179
2 007 014 080

2-BS 178
2-BS 179

0 001 418 001-003, 009, 012, 014, 015, 017

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

12x36x19
FORD TAUNUS
MERCEDES UNIMOG
VOLVO
BSX 180-181
2 007 014 081

2-BS 180
2-BS 181

0 001 418 016

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

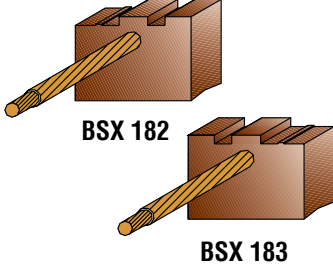
12x36x19
MAGIRUS

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 182-1831 004 320 161
1 004 320 1622-BS 182
2-BS 183Gerilim / Voltage
(Volt)

12

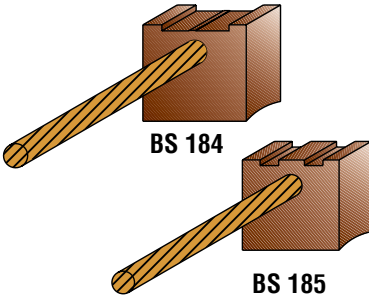
Ölçü / Dimension
(mm)

6x20x13/14,5

0 001 124 018, 019

VOLKSWAGEN

AUDI

LUP0
A2, 1,2, TDI
3L**BSX 184-185**1 004 320 163
1 004 320 164

BO 1851

2-BS 184
2-BS 185Gerilim / Voltage
(Volt)

12

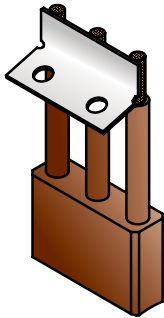
Ölçü / Dimension
(mm)

4,6x12x10,5/11,2

0 001 107 401-404, 406, 407, 410, 411, 415

OPEL

MERCEDES

AUDI
FORD
FIATCORSA
COMBO
ASTRA
SPRINTER
214, 314
FOCUS
ALBEA
DOBLO**BSX 186**2 007 014 017
2 004 320 176

4-BS 186

Gerilim / Voltage
(Volt)

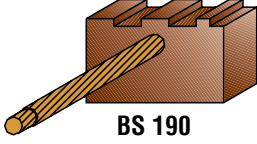
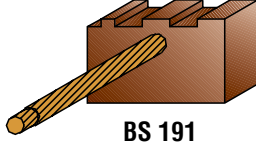
24

Ölçü / Dimension
(mm)

12 x 40 x 27

0 001 510 001-003,005,008-010,017-028,
0 001 510 030-036,038-041
512 001,002
QB / QF(R) 9.0 kw

MERCEDES

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
BSX 190-191
**9 003 334 359
9 003 334 360**

BS 190

BS 191
BO 1911

0 001 231 001-14, 16-19, 23
024, 26-30, 32-36, 38, 39

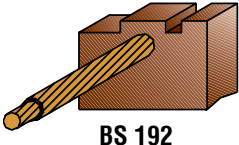
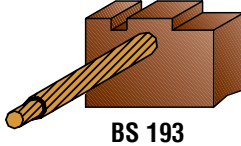
**2-BS 190
2-BS 191**

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

6,4x25x15,4/16,4
MERCEDES ATEGO
CITARO
VARIO

MAN
BSX 192-193
**6 033 ADO 011
6 033 ADO 012**

BS 192

BS 193
BO 1931

0 001 223 001-14, 16, 18, 19, 21
500-507
0 001 218 602, 620,
703, 10, 12, 15, 16, 19, 21,
725, 28, 30, 35-38, 40-42, 54, 57-59, 63-68
70-42, 74, 76, 77,
805, 08, 09, 12, 14-22

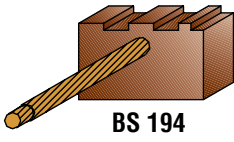
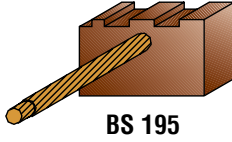
**2-BS 192
2-BS 193**

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6x22x13/15
PEUGEOT PARTNER

BSX 194-195
**9 003 334 361
9 003 334 362**

BS 194

BS 195
BO 1951

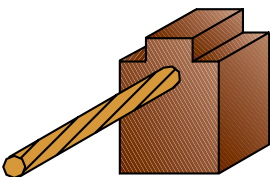
0 001 230 001-07-10, 14, 18, 20-24, 26, 27

**2-BS 194
2-BS 195**

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7,5x27x15,4/16,4
MERCEDES
BSX 196
1 004 320 158

**BO 1961
BO 1962**

0 001 116 001, 003-006, 008, 009

4-BS 196

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

5x8,5x10,5/11,5
CITROEN SAXO
XSARA
BERLINGO
PEUGEOT 206, 306
PARTNER

Takım Sipariş Kodu / Set Order Code

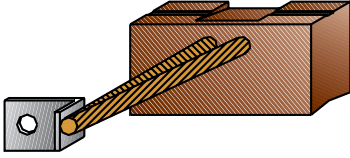
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 197

2 007 014 072



BO 1971

0 001 370 001-004
9 000 453 029, 066, 067MERCEDES
VOLKSWAGEN

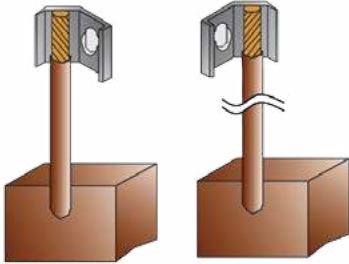
4-BS 197

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

9x36x18

BSX 198-1992 004 320 163
2 004 320 164

BS 198

BS 199

BO 1991

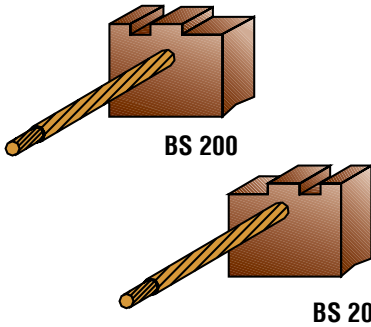
0 001 368 083

DAF
LEYLAND2-BS 198
2-BS 199Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

8x25x13

BSX 200-2011 004 320 175
1 004 320 176

BS 200

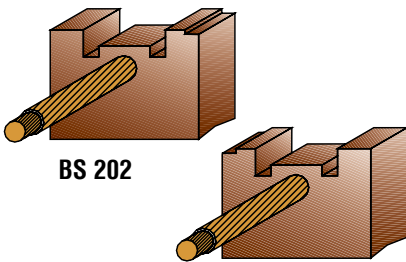
BS 201

BO 2011, BO 2012
BO 20130 001 109 057-60, 68, 202-205, 250, 302-305, 340, 341
110, 071, 072AUDI
VOLKSWAGEN
SEAT
SKODA 1.9 TDI2-BS 200
2-BS 201Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6x18x12,7/14,2

BSX 202-2036 033 ADO 263
6 033 ADO 264

BS 202

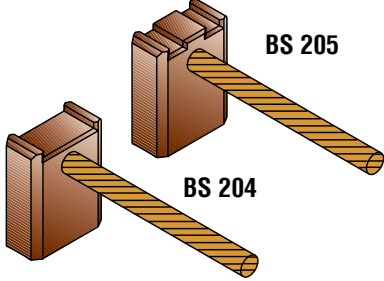
BS 203

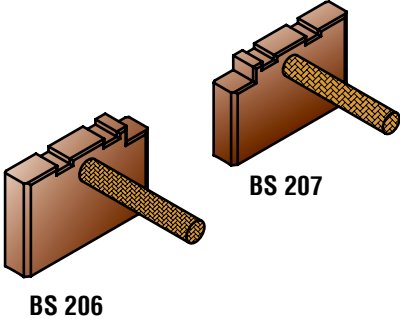
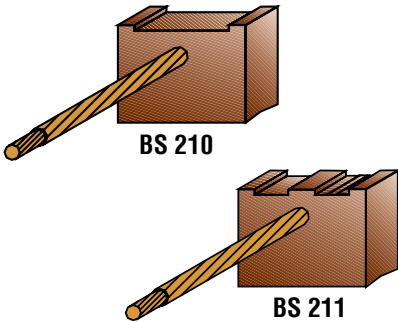
2-BS 202
2-BS 2030 001 330 004, 007, 008, 011-013, 17, 501, 502
340 501-503MAN
SCANIA
VOLVO
FORD CARGO
REDÜKTÖRLÜ MARŞLAR /
WITH REDUCER STARTERGerilim / Voltage
(Volt)

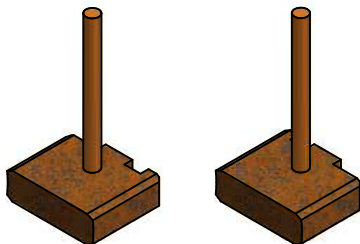
24

Ölçü / Dimension
(mm)

9x32x23

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
BSX 204-205
**1 004 320 177
1 004 320 178**

BO 2051
**0 001 120 400-411
106 403-407, 409, 410**
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
BSX 206-207
**6 033 AD5 097
6 033 AD5 098**

**2-BS 206
2-BS 207**
**0 001 241 001
HEF95-L 5.5kw
1447911
P 230,270,310,340,380,420,470
R 340,380,420,470
T 340,380,420,470**
SCANIA
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
6.35x27.77x18
BSX 210-211
**1 004 320 179
1 004 320 180**

BO 2111
0 001 108 400-404, 408-12, 20, 21, 45, 46
CITROEN BERLINGO 2.0 HDI
MERCEDES C/CLK/E 200, 270

**2-BS 210
2-BS 211**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
4,6x16x11,5/12,2
BSX 212-213
**1 004 320 183
1 004 220 184**

**BO 2131
BO 2132**
**0 001 108 200-204, 206-209,
211-214, 217, 218, 20-25, 28-31, 34
237, 37-40**
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

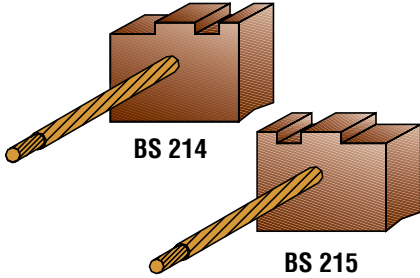
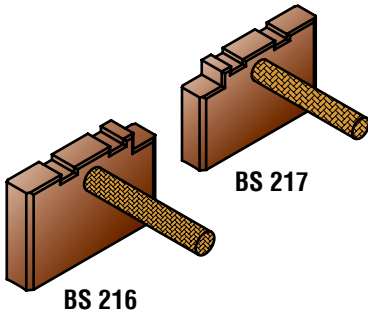
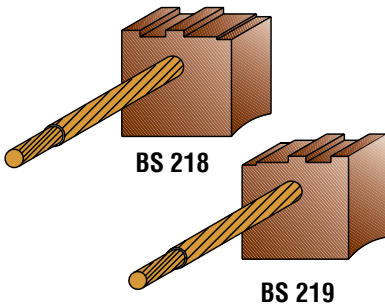
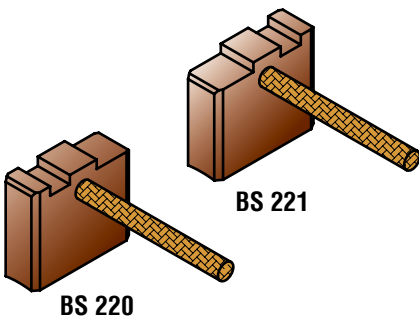
**2-BS 212
2-BS 213**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
5x16x11,5/13

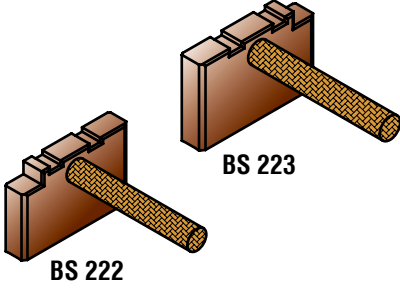
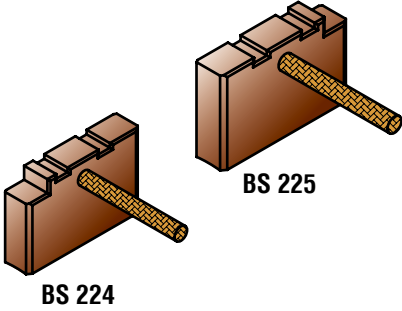
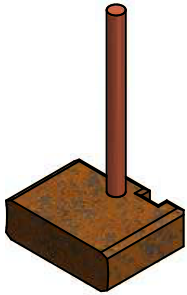
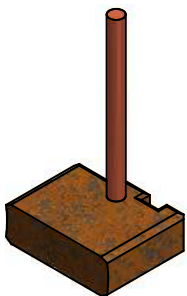
Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 214-2151 004 320 185
1 004 320 186**BO 2151****2-BS 214**
2-BS 215Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6x18x11/12,5**0 001 115 008, 21, 25, 35, 39-41
045-54,70-73a
12-41-7-794-952, 12-41-7-796-892
005-151-16-01, 006-151-25-01, 006-151-25-01-80,
006-151-74-01, 006-151-74-01-80
7794952, 7796892**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**BSX 216-217**6 033 AD5 177
6 033 AD5 178**BO 2171****2-BS 216**
2-BS 217Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**5.35x27.77x18**0 001 231 036,039-041
241 003,005-007,009,014,015,019
EV8 (R) 5.5KW
HEF95-L 24V(R)
HE95-M 24V(R) 4.0 kw**SCAIA** P/G/R/T SERIES
DAF
MERCEDES
AXOR, ATEGO**BSX 218-219**1 004 320 230
1 004 320 231**BO 2191**
BO 2192**2-BS 218**
2-BS 219Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**5x12x10,6/11,6**0 001 107 103-106
121 024-031**SEAT CORDOBA**
IBIZA
VOLKSWAGEN
CADDY, GOLF
LUPO, POLO
CLASSIC
VENTO**BSX 220-221**1 004 320 208
1 004 320 209**BO 2211**
BO 2212**2-BS 220**
2-BS 221Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6x18x14.2/15.7**0 001 109 064-067,069,070,205,
258-274,300-307
110 086,087,118,119,130,131,
133,134,136-139
124 001-008,011,013,014,022,027
125 003,004,007,008,025,031,
032,035,036,039,040,042,
043,046-049,051-056,
511-514,517-522,600,601,605-608
F 000 AL0 111
F 004 A94 008,011
DB/DW(L) 1.7-2.0 kw
DB/DW(R) 1.7-2.2 kw
R78-L35,M28,M35,M45,M55(R)
RF78-L30,L35(L)
RF78-M28,M45,SW28(R)**AUDI**
BMW 116
120
318
320
520
730
FIAT DUCATO
SEAT
VW

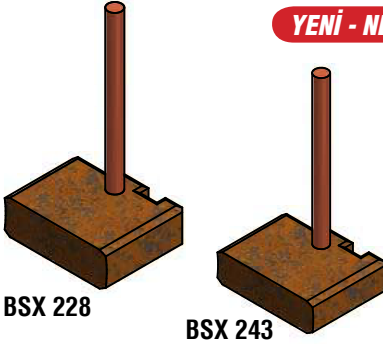
Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
BSX 222-223
**2 004 320 264
2 004 320 265**

**2-BS 222
2-BS 223**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
6,35x27.77x18.2
**0 001 260 001
HX-95L**
J.DEERE TRAKTÖR/TRACTOR
BSX 224-225
**6 033 AD3 260
6 033 AD3 261**

**2-BS 224
2-BS 225**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
6,35x27,77x18
**0 001 230 001-024,026-030
EV(R) 3.0 kw
HEF95-M**
**J.DEERE
M.BENZ**
BSX 228-4
1 004 320 244

BO 2281
4-BS 228
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
5.25x18x12.7x14.2
**0 001 139 021,022,037,038
DB 001 151 72 14
Porsche 948 604 214 00
Porsche Panamera 3.0-4.8 l
start/stop starters**
PORSCHE
BSX 228-6
1 004 320 244

**BO 2281
BO 2282**
6-BS 228
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
5.25x18x12.7x14.2
**0 001 139 001,002,005,006,015,016
47,048
S78-M 12V(R) 2.2 kw
BMW Models 1 and 3 Diesel start/stop
Mini start/stop
Chrysler**
**BMW
M.BENZ SPRINTER**

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 228-2431 004 320 244
1 004 320 261**YENİ - NEW**

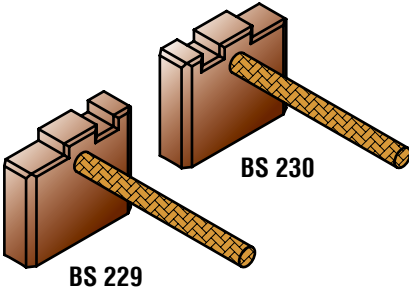
BSX 228

BSX 243

BO 2301
BO 2302
BO 2303**3-BS 228**
3-BS 243Gerilim / Voltage
(Volt)
12Ölçü / Dimension
(mm)

5,25X18X12,7/14,2

0 001 139 017-020,023,024,031,032,043,
044,065,066,075,076,085,086
149 400-409,412-420
S/SL78-M 12V(R)
Chrysler 56029626AA, 56029667AA
FIAT 500 457 26
533013830,9678690180
Ford CC1T-11000-DA,-DB,-DC
CC1T-11000-EA,-EB
MB 642 906 08 00,-09 00,-10 00
642 926 10 00
651 906 11 00,-12 00,-24 00
651 906 28 00,-43 00
PSA 9678 690 180
VW 059 911 021 F,-FX
03L 911 021 E,-G,-GX
overload protection start/stop starters

AUDI
M.BENZ**BSX 229-230**1 004 320 245
1 004 320 246

BS 229

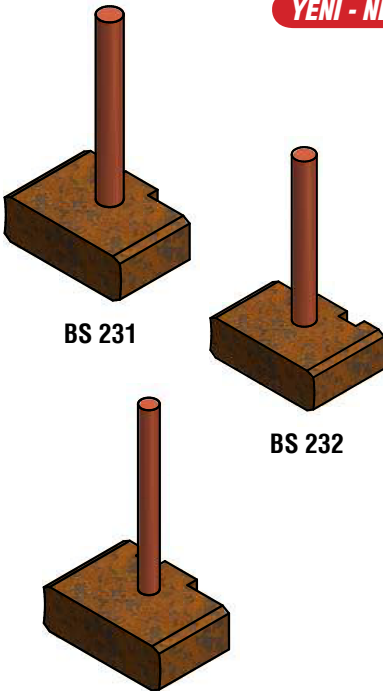
BS 230

BO 2301
BO 2302
BO 2303**2-BS 229**
2-BS 230Gerilim / Voltage
(Volt)
12Ölçü / Dimension
(mm)

4.6x16x12.3/13.8

0 001 138 001-006,009-012,014-016,
018,029,030
S74-L(R) 1.7 kw

BMW MODELS 1+3 GAS
START/STOP
BMW MINI GAS,
COOPER DIESEL
START/STOP

BSX 231-232-215**YENİ - NEW**

BS 231

BS 232

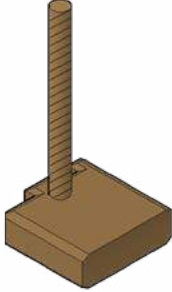
BS 215

BO 2152
BO 2153
BO 2154
BO 2155**1-BS 215**
1-BS 231
2-BS 232Gerilim / Voltage
(Volt)
12Ölçü /
Dimension
(mm)

6,0X18X11 / 12,5

0 001 108 203
0 001 115 005,006,008,015,020-023,025,
031,032,035,039-042,045-054,
056,057,068-085,088,089,092,
093,096-101,103-111
123 002,003,012-021,026-029,
036-039,044,045
DB/DW (R) 1.7 kw
R74-E20 12V(L), R74-L10 12V(L)
R74-E25,E35 12V(R)
RF74-E25,E45 12V(L)
overload protection starters
FIAT 518 329 49, 558 329 49
MB 006 151 74 01, 75 01
636 151 02 01
Porsche 956 604 107 00
VW 012 911 023 C,-CX,-E,-F
02E 911 023 H,-HX,-L,-LX
02M 911 023 P,-PX
02M 911 024,-A,-AX,-X
02N 911 023 N
02T 911 024,-X
02Z 611 023 F,-FX,-N,-NX
03L 911 021, -C,-CX,-F,-FX
03L 911 021 H,-HX,-X
03R 911 023 A,-B
07C 911 023 E,-EX
0AH 911 023 B,-BX

A.ROMEO
FIAT
M.BENZ
OPEL

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
BSX 233 (4)
1 004 320 251

4-BS 233

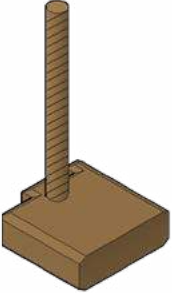
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

**4.6x14.0x12.3
/ 13.8**

S74- start/stop starters

BSX 233 (6)
1 004 320 251

BO 2331
6-BS 233

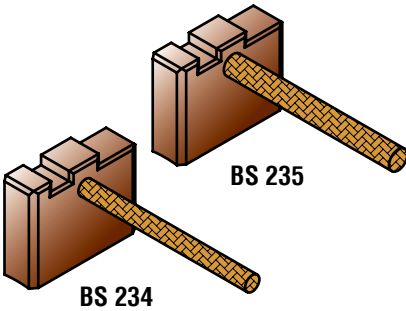
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

**4.6x14.0x12.3
/ 13.8**

S74-M start/stop starters replaced by BSX 236 overload protection start/stop starters

**Alfa
FIAT
Mercedes Benz
Opel**
BSX 234-235
**1004 320 254
1004 320 253**

BO 2351
**3-BS 234
3-BS 235**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

5.25x18x12.7/14.2

 0 001 145 001,0020 001 145 001,002 overload protection start/stop starters
SF78-M 12V(L) 2.2 kw

**AUDI
VW**
BSX 235-228-243
YENİ - NEW

BO 2433
**1-BS 228
2-BS 235
1-BS 243**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

5.25x18x12.7/14.2

 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

Takım Sipariş Kodu / Set Order Code

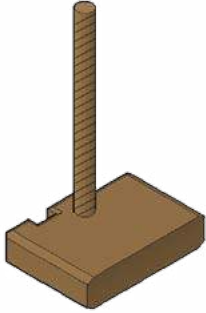
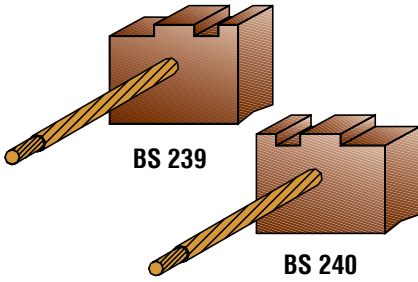
Özellikler
Properties

Motor Numarası / Unit No.

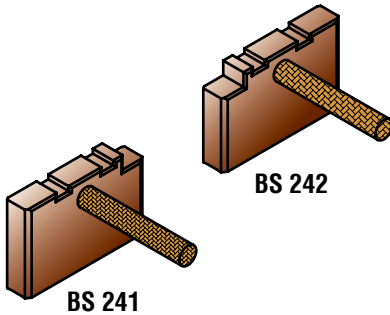
Araç Modeli/Vehicle Model

BSX 238

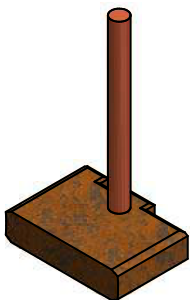
1 004 320 257

**4-BS 238**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)
**4.6x19.5x12.3
/ 13.8**0 001 153 500,501
SFL74-E+ 12V(L) 12 Volt overload protection starters**MERCEDES BENZ****BSX 239-240**1 004 320 266
1 004 320 267**2-BS 239
2-BS 240**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)
6,35x27.77x18.2

HX 95-M,-L overload protection starter

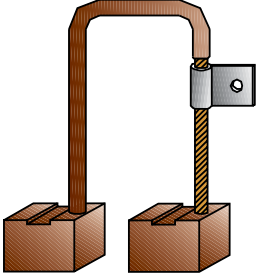
**J. DEERE
KOMATSU****BSX 241-242**1 004 320 268
1 004 320 269**2-BS 241
2-BS 242**Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)
6,35x27.77x18.20 001 261 008,012 HX95-M R HXF95-L (R)
overload protection starter**KAMAZ
SCANIA****BSX 244**

1004 320 282

**4-BS 244**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)
4.6x19.5x12.3/13.8

0 001 153 007-010,015,016

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

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
CHX 4
2 275 249

2-CH 4

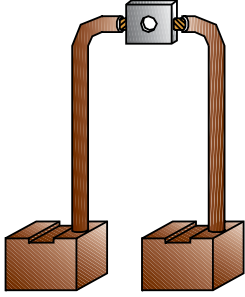
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8,8x17,6x13

2275550, 2932812, 3837328, 3855247, 3874345

**DODGE
DESOTO
CHRYSLER**
CHX 6

2-CH 6

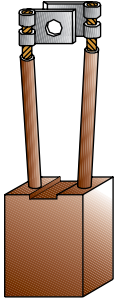
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8,8x17,6x13

1846633, 1889055, 2525529

**DODGE
DESOTO
CHRYSLER**
ASX 13
**606 81
606817
606826**

4-AS 13

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

9x20x26

CA4512, CA45C12, CA45LC12, CA45D12

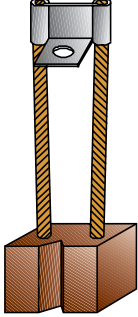
**DODGE
BMC
COMMER
LEYLAND**

Takım Sipariş Kodu / Set Order Code

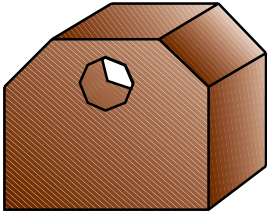
Özellikler
Properties

Motor Numarası / Unit No.

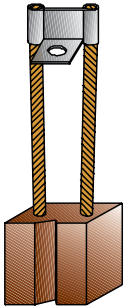
Araç Modeli/Vehicle Model

RX 551 906 902
1 906 909**4-R 55**Gerilim / Voltage
(Volt)**12/24/32**Ölçü / Dimension
(mm)**9,5x19,05x13,5**

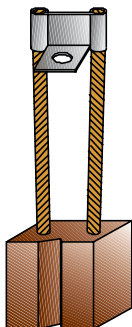
1874852, 1906902, 1906909, 1906936, D756

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, 1107619-895,
1108284, 1108300-8307, 8390, 9439
199829**CHEVROLET**
IHC
GMC
BUICK**RX 69**

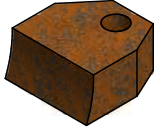
1 906 988

**4-R 69**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**9,5x19,05x19**111 3484, 3582, 3693, 4052, 4055, 4070
4074, 4076, 4087, 4091, 4098, 4109
4145, 4163, 4175, 4176, 4191, 4197
4702, 4757, 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, 3824, 3831, 3842, 3849, 3850, 3855, 3856
3872, 3898, 3905, 3914, 3917, 4051, 4168, 4711,
4759**JOHN DEERE**
IHC
MACK
CHEVROLET

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
RX 87
**1 906 958
1 906 962
190968
190987**

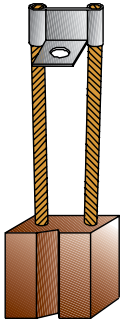
R 87 A

R 87 B
**2-R 87 A
2-R 87 B**

111 3089, 3090, 3135, 3139, 3148, 3162
3163, 3190, 3197, 3205, 3210, 3242
3261, 3262, 3534, 3535, 3626, 3633
3639, 3640, 3641, 3647, 3652, 3653
3655, 3657, 3661, 3672, 3683, 3690
3695, 4661, 4671, 4672

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

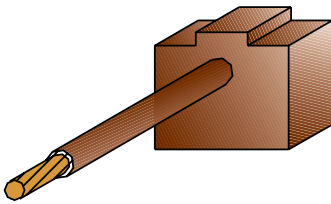
9,5x19,05x19
**IHC
DODGE,
MACK,**
**AS 600,
ALL, CHAL**
RX 92
**1 906 918
1 906 989**

4-R 92

1109961-98
1109220 1221, 1224, 274, 275, 297, 626, 628, 632, 635
637, 642, 643, 648, 773, 779, 840, 842, 961
965, 969, 970, 971, 979, 986, 989, 998

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

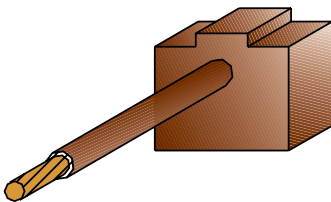
7,9x19,05x19
CATERPILLAR
RX 120/0 (2)
3 471 625

2-R 120/0

3471150

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6x16x14
OPEL
**CORSA
ASCONA
MANTA
VOYAGE**
RX 120/0 (4)
**3 471 783
3 471 834**

4-R 120/0

3471155, 169, 170, 173-176

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6x16x14
OPEL
**CORSA
ASCONA
MANTA,
VOYAGE**

Takım Sipariş Kodu / Set Order Code

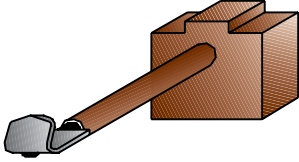
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

RX 120 (2)

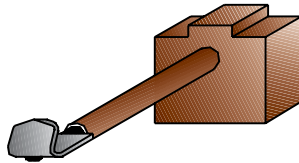
3 471 506

**2-R 120**

3471143

OPELCORSA
ASCONA
MANTA
VOYAGEGerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6x16x14****RX 120 (4)**

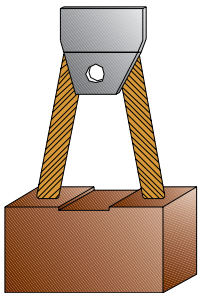
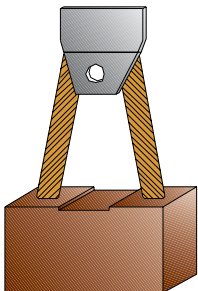
3 471 505

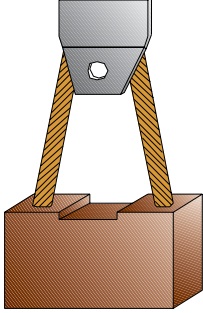
**4-R 120**

3471141, 144

OPELCORSA
ASCONA
MANTA
VOYAGEGerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6x16x14****RX 122**

1 852 884

**4-R 122**1114825, 4836, 4881, 4908, 4920
1990218, 1990325
40 MT 400, 450**CATERPILLAR
MACK
VOLVO
FORD**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**9,5x38,1x21,4****RX122 H**1 852 882
1 852 883**4-R122 H**1109790
1114854, 4858, 4859, 4910, 4935, 4958,
1990297, 1990346
40 MT 400, 450**CATERPILLAR
MACK
VOLVO
FORD**Gerilim / Voltage
(Volt)**24/32**Ölçü / Dimension
(mm)**9,5x38,1x21,4**

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
RX 124
1 852 887

6-R 124

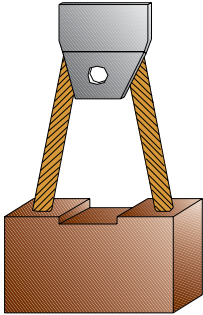
10478911
1990227, 1990231, 1990233, 1990236, 1990244
1990265, 1990269, 1993798, 1993847
50 MT 400

**CATERPILLAR
CUMMINS
MACK
VOLVO
FORD**

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7,9x38,1x20,6
RX 124 H
1 852 888

6-R 124 H

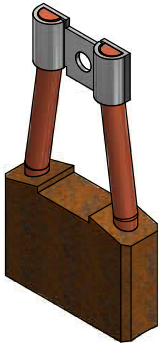
1114683, 84, 86, 89
50 MT 400

**CATERPILLAR
CUMMINS
KOMATSU
MACK
VOLVO**

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

7,9x38,1x20,6
RX 134
1 852 892

DR 1341

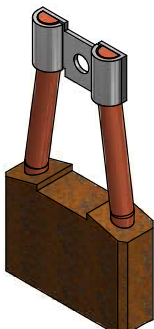
10478802, 10478803, 10478824, 10478894
1990337, 348, 349, 352, 354, 358, 363 365, 374, 375, 377,
379, 386, 398
1993400, 420, 431, 468, 470, 483, 484 489
824, 935, 937, 942, 975, 977 984
42 MT

**BMC FATİH KAMYON /
TRUCK
CATERPILLAR**
4-R 134

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

10,5x36,6x24,4
RX134 H
1 852 894

DR 1342

10478836, 10478892, 10478998
1990344, 1990350, 1990367, 1990378, 1990453,
1990456, 1993801, 1993802, 1993808, 1993940,
1993945, 1993998, 1993999
42 MT

CATERPILLAR
4-R 134 H

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

10,5x36,6x24,4

Takım Sipariş Kodu / Set Order Code

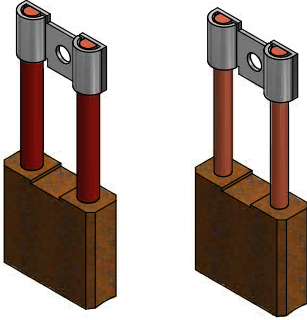
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

RX 135

1 852 889



R 135 A

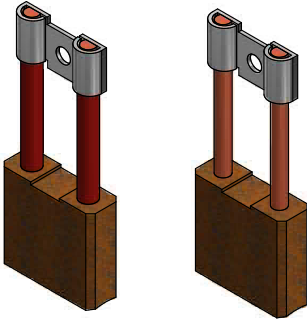
R 135 B

DR 1351**2-R 135A
2-R 135B**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**9,5x28,6x26,3**

10478890 10478953 10478957 10479036
1990311, 1990313,
1993850, 1993851, 1993854, 1993866, 1993869
1993881, 1993884,
1993885, 1993886, 1993928, 1993931
37 MT, 41 MT

**CHEVROLET
GMC****RX 135 H**

1 852 893

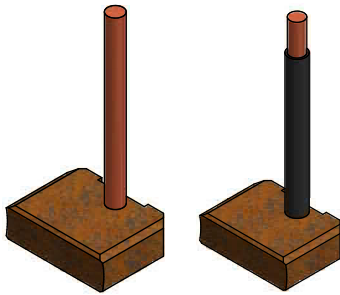


R 135H A

R 135H B

DR 1352**2-R 135H A
2-R 135H B**Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**9,5x28,6x26,3**

10478814, 10478815, 10478817, 10478819, 10478960,
10479013, 10479172
1990330, 1993732, 1993742, 1993901, 1993902,
1993903, 1993905, 1993918 1993953, 1993954
37 MT, 41 MT

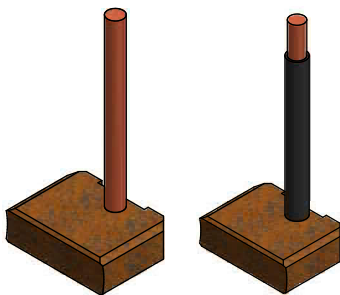
**CASE
LISTER
CUMMINS****RX 140-141 SI****YENİ - NEW**

RX 140 SI

RX 141 SI

DR 1412

29 MT

**2-R 140 SI
2-R 141 SI**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**7,5X25X18,5****BMC FATİH KAMYON /
TRUCK
CATERPILLAR****RX 140-141 HS****YENİ - NEW**

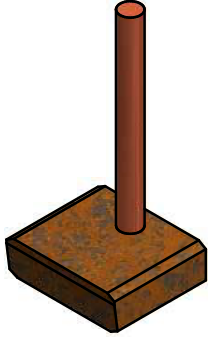
RX 140 SH

RX 141 SH

DR 1413

29 MT

**2-R 140 HS
2-R 141 HS**Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**7,5X25X18,5**

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
RX 172
YENİ - NEW

DR 1721
4-R 172

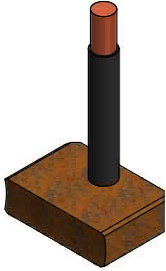
 Gerilim / Voltage
(Volt)

24

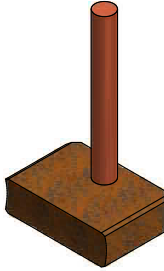
 Ölçü / Dimension
(mm)

5X15X12,5

 11130748, 11130785, 11130793, 11130836, 11130841,
11130904, 11130941, 11130945, 11130999, 11131014,
11131027, 11131060, 11131065, 11131077, 11131145,
11131167, 11131191, 11131228, 11131237, 11131260,
11131300, 11131318, 11131352, 11131356, 11131370,
11131374, 11131375, 11131382, 11131398, 11131407,
11131411, 11131430, 11131433, 11131436, 11131440,
11131464, 11131488, 11131490, 11131491, 11131507,
11131508, 11131520, 11131542, 11131550, 11131573,
11131574

**A.ROMEO
CHEVROLET
OPEL**
RX 173-174 (K 010)
YENİ - NEW


RX 173



RX 174

DR 1741
**2-R 173
2-R 174**

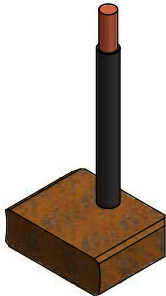
 Gerilim / Voltage
(Volt)

12

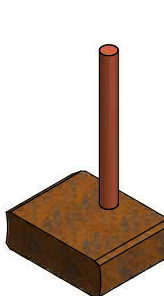
 Ölçü / Dimension
(mm)

9,5x32x22

19011512

RX 175-176
YENİ - NEW


RX 175



RX 176

DR 1761
**2-R 175
2-R 176**

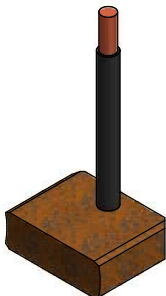
 Gerilim / Voltage
(Volt)

24

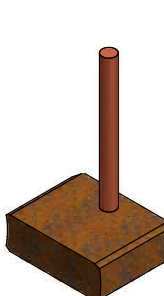
 Ölçü / Dimension
(mm)

9,5X28X22

38 MT

RX 177-178
YENİ - NEW


RX 177



RX 178

DR 1781
**2-R 177
2-R 178**

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

9,5X28X22

38 MT

**FORD CARGO
CUMMINS**

Takım Sipariş Kodu / Set Order Code

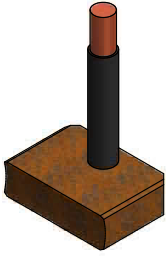
Özellikler
Properties

Motor Numarası / Unit No.

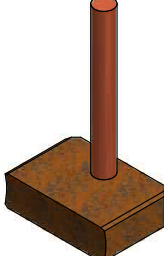
Araç Modeli/Vehicle Model

RX 180-181 (K 010)

YENİ - NEW



RX 180



RX 181

DR 1811

19011512

2-R 180
2-R 181Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

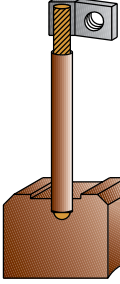
9,5x32x22

BMC

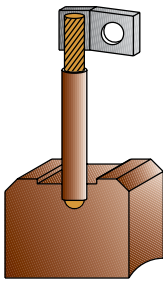
FATİH KAMYON /
TRUCK PRO
822 / 827

CUMMINS

RX 419-420

1 045 711 9
1 045 712 0

R 419



R 420

DR 4201

10479600, 05, 08, 11, 12
1113272, 77, 91
28 MT2-R 419
2-R 420Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

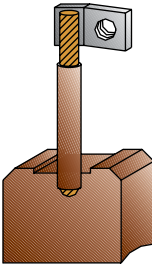
7,9x24,8x19,5

JOHN DEERE

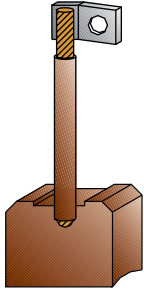
NEW HOLLAND

IVECO KAMYON /TRUCK

RX 457-458

1 045 645 7
1 045 645 8

R 457



R 458

DR 4581

1 113 273-82,86-88,90
292,95-97
323-451
28 MT2-R 457
2-R 458Gerilim / Voltage
(Volt)

12

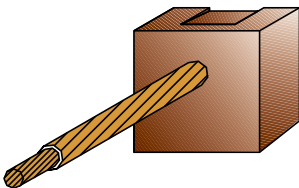
Ölçü / Dimension
(mm)

7,9x24,8x19,5

IVECO MK

RX 911

1 852 898



4-R 911

9000751, 56, 58

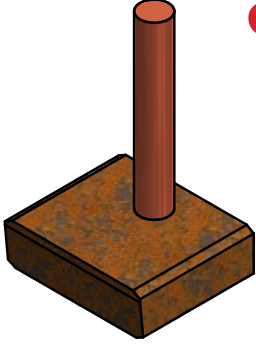
Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

5,5x15x14,5

OPEL
DAEWOOUNIT-NOS
ESPERO

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
RX 912
10499524
YENİ - NEW

DR 9121
**1-R 913
1-R 914**

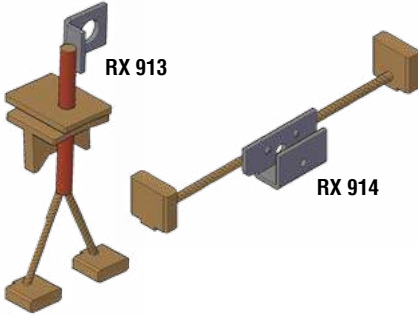
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6X19X16

 11130748, 11130785, 11130793, 11130836, 11130841,
11130904, 11130941, 11130945, 11130999, 11131014,
11131027, 11131060, 11131065, 11131077, 11131145,
11131167, 11131191, 11131228, 11131237, 11131260,
11131300, 11131318, 11131352, 11131356

**CITROEN
FIAT
HYUNDAI
KIA**
RX 913-914

DR 9141
**1-R 913
1-R 914**

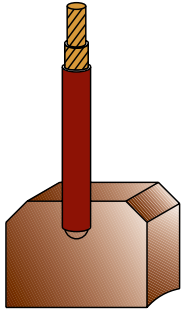
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

4,6x13x11/12

 1045506,96208781,9627548
SD80F

DAEWOO
K 008

DR 0081
4-K 008

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

8x30x22,6

 19011501
986018370
39MT

MERCEDES AXOR
ACTROS
TRAVEGO
CITARO
TOURISMO

Takım Sipariş Kodu / Set Order Code

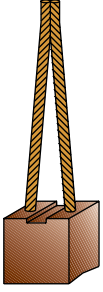
Özellikler
Properties

Motor Numarası / Unit No.

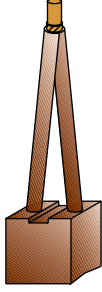
Araç Modeli/Vehicle Model

USX 44-21

75217



US 44



US 21

1-US 44
1-US 21Gerilim / Voltage
(Volt)

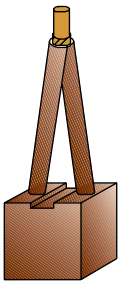
6/12

Ölçü / Dimension
(mm)

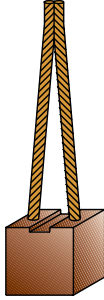
8x15x15

532000, AB, B, 532001, AB, 532002, ABC, 532004, AB, C, 532005, A
532007, A, 532008, ABC, 532009, AB
532010, AB, 532011, A, 532014, A
532017, A, 532018, A, 532020, A
533000, A, 533001, A, 533002, A

RENAULT

USX 60-5975 238
618 491

US 60



US 59

1-US 60
1-US 59Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8x15x15

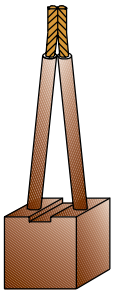
434B, 5130A
6020ABCD, 23BCDE, 33, 34AB, 35ABCDE
6048, 49A, 50ABC, 73ABCD, 77ABC, 81ABCDEF,
6101AB, 21A, 22AB, 28AB, 29A, 30A, 34ABCDEF, GH,
6136ABD, 37ABCDEF, 38ABC, 39AB, 43A, 44AB, 47AB,
6155ABCEG, 57A, 61ABCEFH, 62ACE, 70A, 71A,
6172AB, 74ABCDEF, 75AB, 76ABCEG, 81A, 83ABCFG,
6185ABC, 87ABCEF, 89ACDEF, 90AB, 95A, 97A
6202AB, 3ABCD, 6AB, 8A, 12AB, 15ABCD, 16ABC, 17ABCDE,
6219ABC, 20ABC, 21A, 23A, 24BCD, 26A, 27ABCD, 31ABCD,
6236BC, 37ABCD, 38ABCD, 40A-42A, 44A, 45A, 47AB,
532000AB, 1AB, 2ABC, 3AB, 4ABC, 5A, 7A, 8ABC, 9AB,
532010AB, 11A, 14A, 17A, 18A, 20AB,
533000A-4A, 583008, 618070, 71, 73, 74, 77, 78, 91,
618358, 482, 484, 490, 618565, 795

RENAULT
PEUGEOT

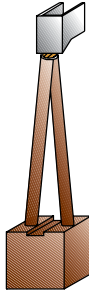
403-404

USX 73-85

618 491



US 73



US 85

1-US 73
1-US 85Gerilim / Voltage
(Volt)

12

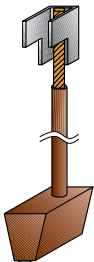
Ölçü / Dimension
(mm)

8x15x15

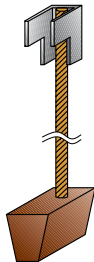
6020EF, 35F, 77BC, 81EF
6134FGH, 36ABD, 37ABCE, 39BC, 44AB
6155HIKL, 61ABCEFH, 62ACE,
6172B, 74ADBCEFGH, 75AB, 76EG
6181A, 83ABCFG, 85ABC, 87CEF, 89DEF,
6190AB, 95A, 97A,
6201ABCD, 2AB, 3ABCD, 6AB, 8AB, 12AB, 15ABCD,
6216ABC, 17ABCDE, 18A, 19ABC, 20ABC, 21A-23A,
6224ABCD, 26A, 27ABCD, 31ABCD, 36BC, 37ABCD,
6238ABCD, 40A-42A, 44A, 45A, 47AB
6627AB
532000AB, 1AB, 2ABC, 3AB, B, 4AB, C, 5A, 7A, 8ABC
532009AB, 10AB, 11A, 14A, 17A, 18A, 20AB,
533000A, 1A, 2A, 3A, 4A
618074, 77, 91
618482, 84

CITROEN
PEUGEOT
RENAULT

R5, R12, R14

USX 91-92583041
618691
618692

US 91



US 92

1-US 91
1-US 92Gerilim / Voltage
(Volt)

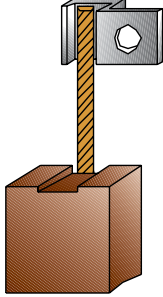
12

Ölçü / Dimension
(mm)

6/11,7x13x15

6202CDEF, 17FGH, 41B, 46AC
532012AB, 16AB, 21A, 23A, 24AB, 25AB, 26A,
534000A, 2A, 3ABC, 4AB, 5ABC, 7A, 9ABC, 23A, 24A,
29A, 31A,
534032A, 39A, 42AB, 43AB, 44A-49A, 50AB, 51A, 52A,
53C, 54D,
534055E, 57A

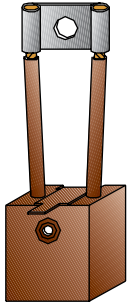
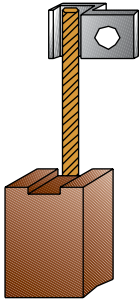
CHRYSLER
CITROEN

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 4112049 4117351 4117464 4126193 4287971
4287972 4291804 4474852
63201000 63201001 63201003 63201004 63201005
63201100 63201101 63220107 63220108 63220137
63220138 63220202 63220232 63220400 63220402
63220403 63220408 63220409 63220430 63220432
63220433 63220438 63220439 63220505 63220506
63220535 63220536 63220537 63220538 63220735
63220740 63220741 63220743 63220744 63220746
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870374
11130134 11130143 11130266 AZD3502 AZD3508

FIAT

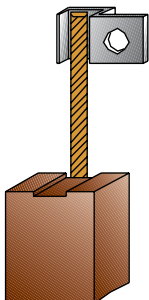
600T, 850T
900T, 100T
500D, 600D
126
PANDA
UNO

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

E115-3/24
632 238 00, 02, 07, 30, 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
4044309 40636136 4064058 4085959 4085977
4145211 4156064 4162784 4162785 4206634 4285916
4293672 4294494 4474746 4474747 4474762 4475025
4475131
63206002 63206003 63222301 63222304 63222331
63222400 63222405 63222408 63222409 63222430
63222435 63222437 63222438 63222439 63222501
63222502 63222531 63222532 63222535 63222536
63222602 63222700 63222701 63222703 63222730
63222731 63222733 63222735 63222736
E100N1512 Z11M21161814 ZF112189

LADA
SKODA
VOLKSVAGEN
AUDI

SAMARA
FAVORIT

Takım Sipariş Kodu / Set Order Code

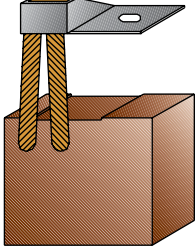
Özellikler
Properties

Motor Numarası / Unit No.

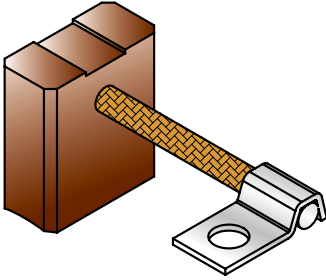
Araç Modeli/Vehicle Model

JSX 15

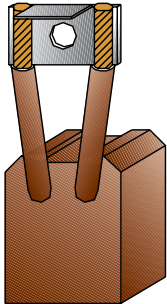
747 341 01

**4-JS 15**Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**11,5x35x30**M130-7/24/M130-6/8/24V,1c,2c
M130-9124T
632 243 01-03,98,99
632 253 01,03,91,98
632 263 00,02,91FIAT 693, 697
KAMYON / TRUCK**JSX 16**

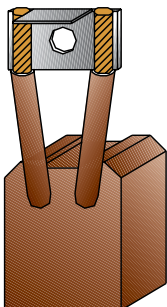
748 617 81

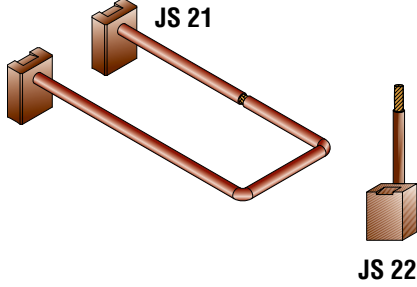
**2-JS 16**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8x17x19**E84-08/12V, Var,1,2,3,6,8
632 207 00-03,05,06,20,21,23,24,30-33,35,
632 207 40,41,43,44,46
632 208 00-04,06,08,30,32,33,34,36
632 209 31,32,40RENAULT TOFAŞ MURAT 124
DOĞAN ŞAHİN
FIAT TEMPRA 1.3
RENAULT 12
SEAT RONDA**JSX 18**

748 387 01

**4-JS 18**Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**10x22x28**M125-24, M3-Z9
63224580FIAT 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**M125-3/12
4172113
63224600, 02, 91FIAT 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
FI 1221
1-JS 21
2-JS 22

 Gerilim / Voltage
 (Volt)

12

 Ölçü / Dimension
 (mm)

6x13x17,5

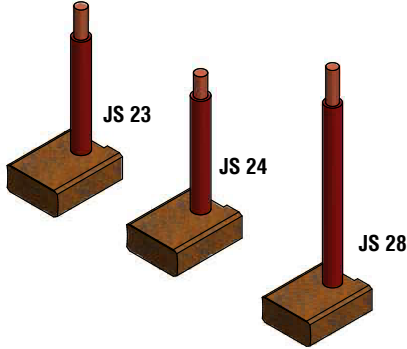
 E95-0, 9-12
 E95-1, 0-12
 632 213 30, 32-35, 38
 214 30, 31
 215 31, 32, 34, 35, 38
 216 33, 37

Araç Modeli/Vehicle Model
TOFAŞ
FIAT
FORD

 DOBLO
 TAUNUS
 SIERRA
 CAPRI
 TRANSIT

ANADOL
FORD
RENAULT
PEUGEOT
BMW

 TUZLA
 JEEP
 9-11

JSX 23-24-28
748 879 01
748 879 11
748 912 60

2-JS 23
1-JS 24
1-JS 28

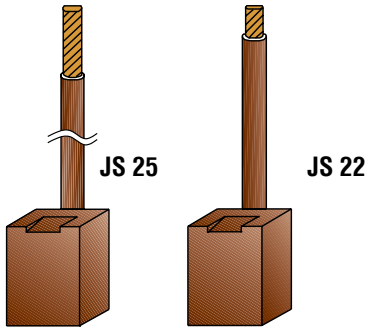
 Gerilim / Voltage
 (Volt)

12

 Ölçü / Dimension
 (mm)

7x15,5x20

 E100-1,6/12
 632 232 35-39
 632 233 30-32

FIAT
JSX 25-22
748 811 51
748 883 61
855 303 00

1-JS 25
3-JS 22

 Gerilim / Voltage
 (Volt)

12

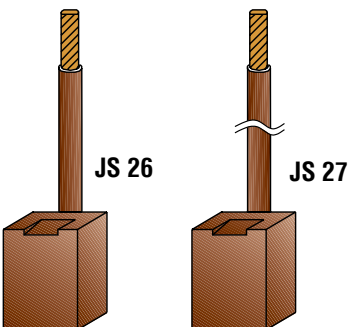
 Ölçü / Dimension
 (mm)

6x13x17,5

 E-95-1/12
 632 214 30
 215 32, 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

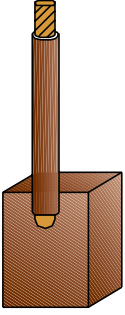
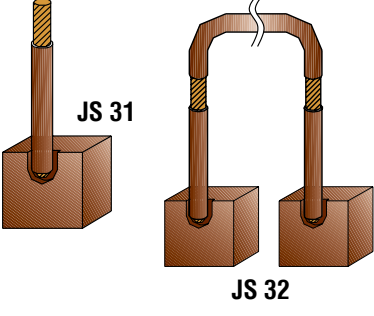
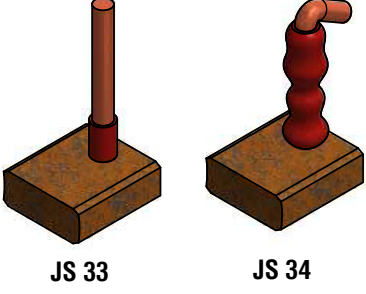
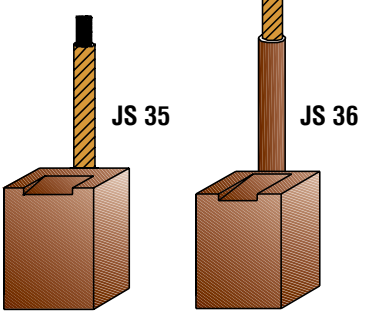
 Ölçü / Dimension
 (mm)

6x13x17,5

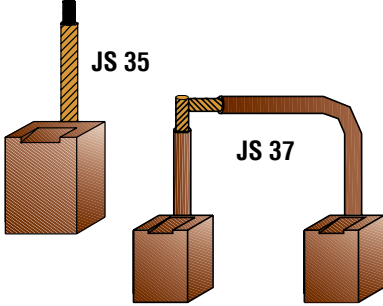
 E-95-1, 1/12
 632 214 33-36, 38
 215 30, 33, 36, 39
 216 30, 32, 35, 36, 39
 217 31

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, 8/12 E95C-0, 8-12 631 010 03 632 218 30, 32, 34, 90, 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, 2-12 632 218 31 220 30, 31, 34-36, 38, 39 221 30, 31, 33-36, 38 222 04, 06	FIAT CROMA REGATA D TDI DUCATO LANCIA ALFA ROMEO BMW TD 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, 4-12 M70R 1,4/1,8-12 631 234 30-33, 35, 36 235 30-33 236 39 934 35 46406973, 46468696, 60813461	IVECO FIAT ALFA ROMEO MK DOBLO
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, 8-12 E80-1, 0-12 633 228 31-33, 36-38 230 31-34	FIAT E 80 UNO TIPO TEMPRA DOĞAN KARTAL ŞAHİN TOFAŞ 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

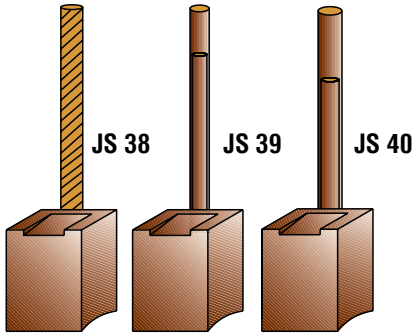
Ölçü / Dimension
(mm)

7x13x17,5

E80E-1, 0-12
631 230 31-34

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

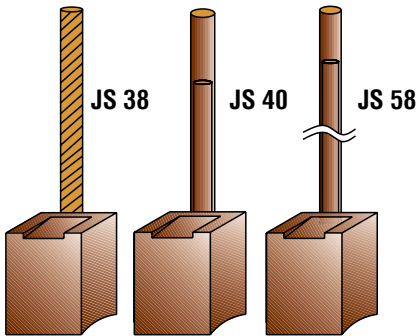
Ölçü / Dimension
(mm)

7x13x17,5

E80E-0, 9-12
631 020 03, 04, 07, 08
632 229 00, 01
230 85
231 01, 03, 08
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

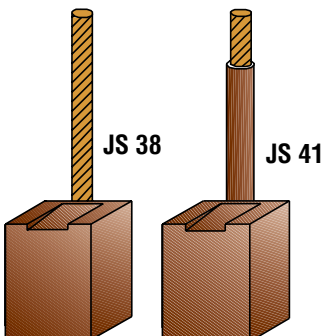
Ölçü / Dimension
(mm)

7x13x17,5

E80E-1, 0-12
631 030 02, 03, 07, 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, 8-12
631 010 00, 02
632 010 08
228 89, 97
229 05, 08, 09, 36
231 04, 09
232 00
233 03
931 04

FIAT PUNTO
SLX

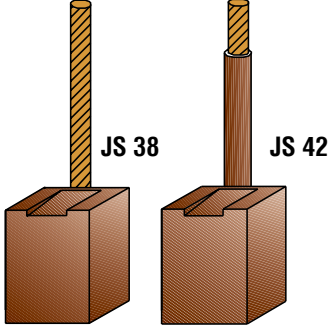
Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JSX 38-42

832 244 81
832 246 211-JS 38
1-JS 42Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x13x17,5

E80E Seat

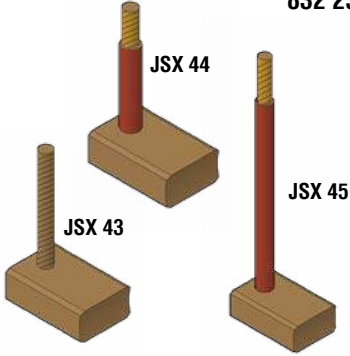
SEAT
TOFAŞ

FIAT

LANCIA

ŞAHİN
DOĞAN
KARTAL
TEMPRA
TIPO
UNO

JSX 43-45-44 (4)

832 258 22
832 258 23
832 258 242-JS 43 (-)
1-JS 45 (+)
1-JS 44 (+)Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)7x13x19,5
7x13x19,5
7x13x19,5E80E
63223039
63223304
63293039

Replacing : 83225824, 83225823, 83225822

VW

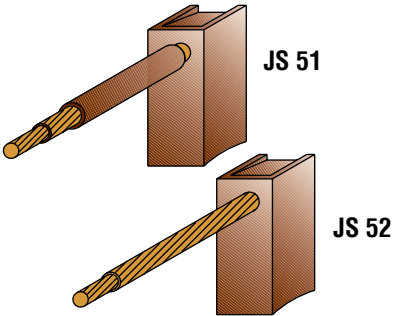
POLO CLASSIC
CADDY

SEAT

DAIHATSU

HIJET

JSX 51-52

832 273 62
832 273 641-JS 51
1-JS 52Gerilim / Voltage
(Volt)

12

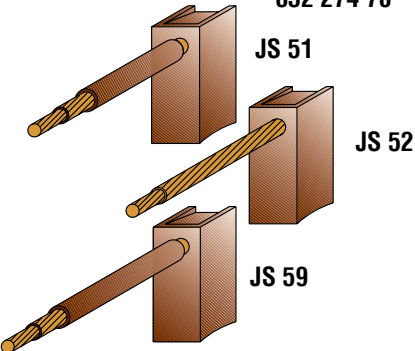
Ölçü / Dimension
(mm)

7x8x19,5

E80F-0, 8-12

FIAT

JSX 51-52-59

832 273 62
832 273 64
832 274 701-JS 51
1-JS 52
1-JS 59Gerilim / Voltage
(Volt)

12

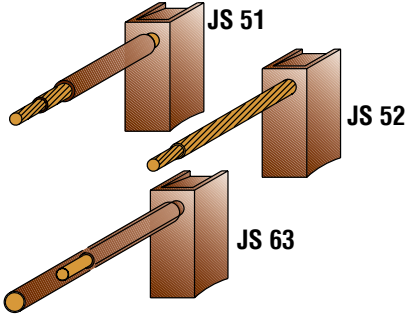
Ölçü / Dimension
(mm)

7x8x19,5

E80F-0, 9-12

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)

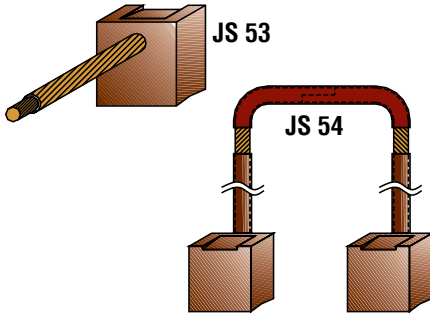
7x8x19,5

E80F-1, 0-12

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

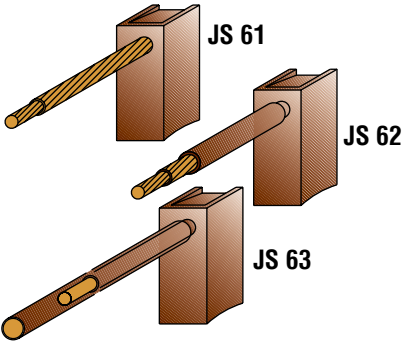
8x19x20

E95RL-2, 2/2, 6-12
631 140 08, 10, 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

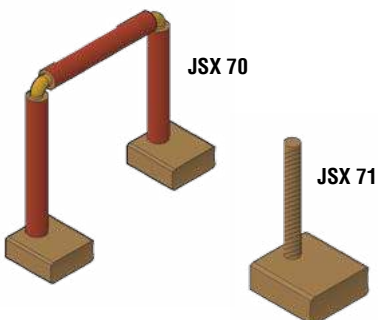
Ölçü / Dimension
(mm)

7x8x19,5

D80F-1, 0-12

FIAT

JSX 70-71

028531-6870
028531-6880

1-JS 70
2-JS 71

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7,8x19x20

028531-6870, 028531-6870

P95 2.3/2.6 kw

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JSX 72-73028 531-7340
028 531-7331

JS 72



JS 73

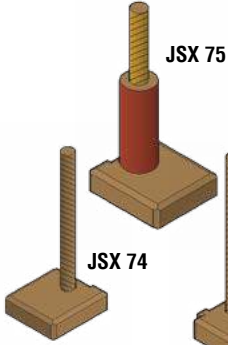
FI 2731

2-JS 72
2-JS 73Gerilim / Voltage
(Volt)

12

7x20x16

028510-6410, 6421, 6440, 6490

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

JSX 74

JSX 75

JSX 76

JSX 77

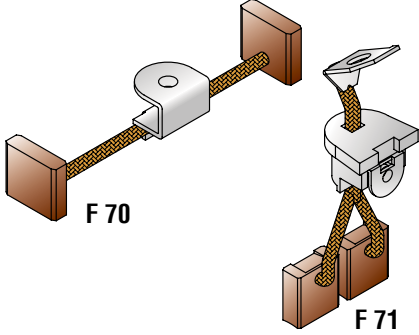
1-JS 74
1-JS 75
1-JS 76
1-JS 77Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)4,5x14x14,3
/ 15,3

P70 1.4 kW

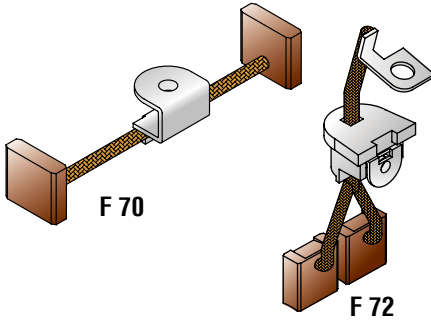
BMW 1-3-5-7 SERİSİ
PSA
TOYOTA AVENSIS
 COROLLA
 YARIS
PEUGEOT 206
 307

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,BA
E9SF-11000-AA,BA
F02F-11000-AA
F07U-11000-AA,BA
F0CF-11000-AA,BA
F00U-11000-AA
F13U-11000-AA
F17U-11000-AB
F1VU-11000-AA
PMGR-Starter USA

FORD

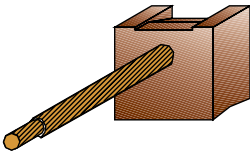
MONDEO
TRANSIT
ESCORT

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,JB,JC,KA,KB,KC
PMGR-Starter Europe

FORD

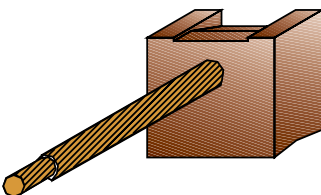
MONDEO
TRANSIT
ESCORT

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-AA, AB

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, BC
97VB-11000-AA, AB
98AB-11000-AC
98VB-11000-BA, B1A, B3A

FORD

ESCORT
FIESTA
FOCUS, MONDEO
1.6 DTCl, 1.8D

MAZDA
MOTOCRAFT

B 2500

Takım Sipariş Kodu / Set Order Code

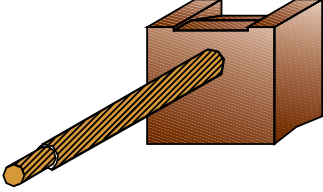
Özellikler
Properties

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)

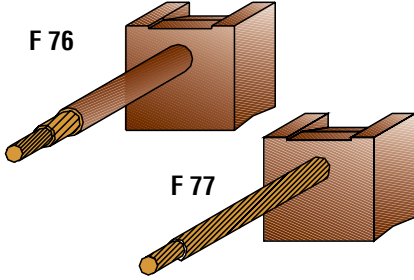
12

Ölçü / Dimension
(mm)

8,2x18,9x17,8

FX 76-77

1C3U-11434-AA

2-F 76 (+)
2-F 77 (-)

1C3U-11000-AA, -AB, -AE

FORD

FOCUS,
CONNECT
MONDEO
FIESTA 1.6 DTClGerilim / Voltage
(Volt)

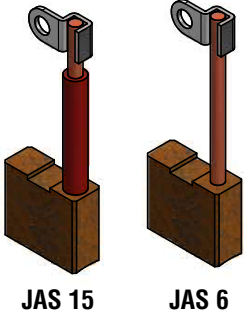
12

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



2-JAS 15
2-JAS 6

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

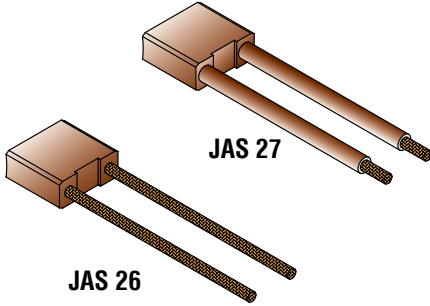
6x16x14

2108-2305, 2306
9-8211-16310, 16320
23379-09900
23380-10600
S108-56
S114-91
S114-150, 156A

Daihatsu
Isuzu
Nissan

JASX 26-27

2280-1313
2280-1312



2-JAS 26
2-JAS 27

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6x16x14

2108-2305
2108-2306
9-8211-16310
9-8211-16320
23379-09900
23380-10600

DAIHATSU
ISUZU
NISSAN

JASX 31

2250-1322



4-JAS 31

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

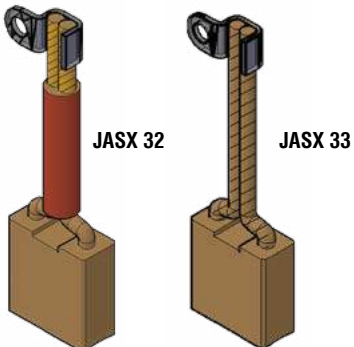
9x20x26

9-8211-1603-0
9-8211-5114-0
1-2174-0030-0
23331-90001
23331-90004
23379-61502

ISUZU
NISSAN

JASX 32-33

2114-2313
2114-6312



1-JAS 32
1-JAS 33

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x16x16,5

9-8211-16440
9-8211-16450
23379-19900
23380-19900

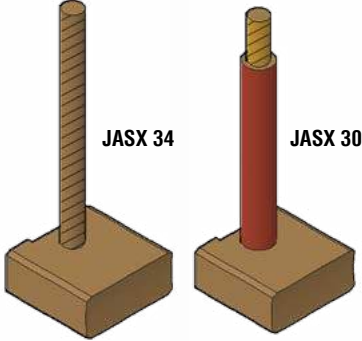
ISUZU
NISSAN

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

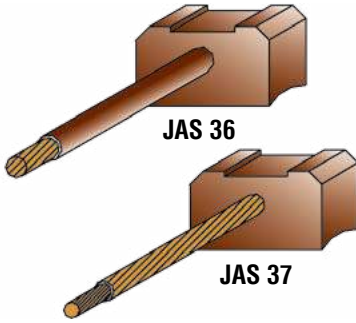
Araç Modeli/Vehicle Model

JASX 34-302130-6312
2130-93112-JAS 34
2-JAS 30Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8x19x18

8-94028-460-0/-464-0
8-94228-440-0
8-94228-444-0
8-94228-464-0
23379-V0700
23380-V0700ISUZU
NISSAN BLUEBIRD**JASX 36-37**2130-5312
2130-8311

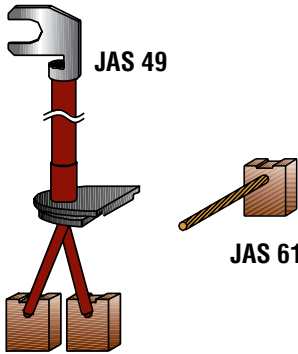
HI 6371

2-JAS 36
2-JAS 37Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8x25x18

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 9001ISUZU
NISSAN**JASX 49-61**2114-63125
2114-431251-JAS 49
2-JAS 61Gerilim / Voltage
(Volt)

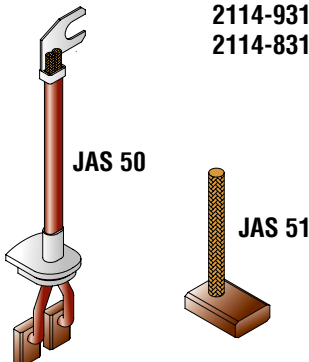
12

Ölçü / Dimension
(mm)

4,5x14x17

S114680, 750, 752, 753, 753B, 754A, 758, 762, 762A, 765,
766, 766A, 767, 769, 775, 775A, 780, 800, 800A,
800B, 801A, 01B, 801C, 802, 802A, 804, 805,
806, 808, 808A, 808B, 818A, 827, 829, 850, 870,
872
23380-1E400
23379-1P100

NISSAN

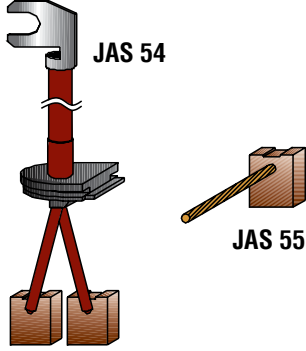
JASX 50-512114-23124/63121
2114-73122/83122
2114-93122
2114-831211-JAS 50
2-JAS 51Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

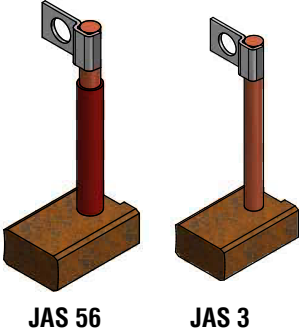
7x11x16

B101-18X-72/-18X-66
23379-53J00/23380-53J00
23379-M8001/23380-12G01
23379-M8001/23380-42L60
23379-M8001/23380-57M60
23379-M8001/23380-77A01
23379-M8001/23380-M8001
23387-KA000
23388-KA000
49206-6401/-6501
49207-6401MAZDA
NISSAN
VW
SUBARU
GOLF
PASSAT 1.6
SANTANA

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

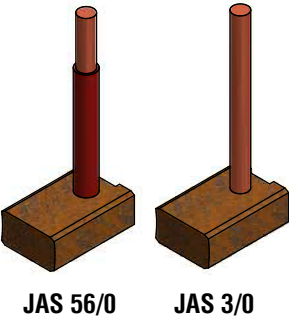
S114680, 750, 752, 753, 753B, 754A, 758, 762, 762A, 765, 766, 766A, 767, 769, 775, 775A, 780, 800, 800A, 800B, 801A, 01B, 801C, 802, 802A, 804, 805, 806, 808, 808A, 808B, 818A, 827, 829, 850, 870, 872
23380-OM300
23379-OM300
09A-911-023, 09A-911- 023X
2912762340, 8912762340, 8943647220, 8943647221, 8971239230
23300-1E400, 23300- 1E400R, 23300- 65Y01, 23300- 65Y01R, 23300-70Y00, 23300- 70Y01, 23300-70Y01R, 23300-81N00, 23300- 81N01, 23300-81N11, 23300- 97E00, 23300-97E01, 23300-AM600, 23300-AM60A, 23300-CG000, 23300-CG00A

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, 24A, 32, 34, 47
9-8211-16510, 16520, 16460, 16470
23379-37500, 37502, 37503, 65000
23380-37500, 37502, 37503, 65000

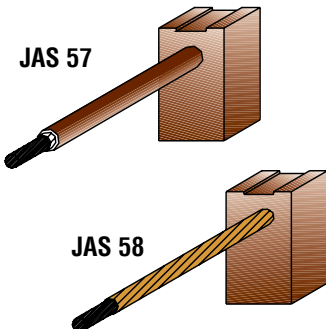
ISUZU
NISSAN
YANMAR
MARINE
VOLVO PENTA
THERMOKING

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
23300-31W02
S12-19C, 41A, 59
S12-63, 68

Replacing : 2120-9311, 2120-7312/9311, 2120-7312
Servicing : S12-19C, S12-41A, S12-59, S12-63, S12-63A, S12-63B, S12-63C, S12-68, S12-68B, S12-68D, S12-77A, S12-78, S12-79, S12-82

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
S10863
S114132, 146, 160E, 172D, 172E, 182G, 184, 202, 202A, 210, 247, 247C, 316, 317A, 320, 345B, 348A, 377, 378A, 390A, 441, 441A, 441B, 460B, 461, 461A, 461B, 464B, 465B, 465C, 554
31246-568-005
31217-568-005
9-8211-1657-0/1658-0
23379-16E01/21000
23380-16E01/21000
9402-1408/1409

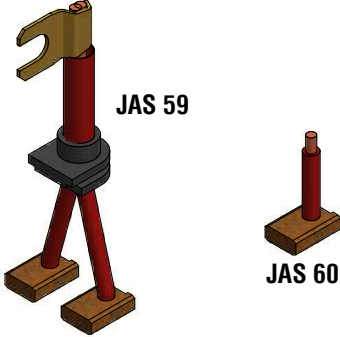
DAIHATSU
HONDA
ISUZU
NISSAN
SUBARU

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

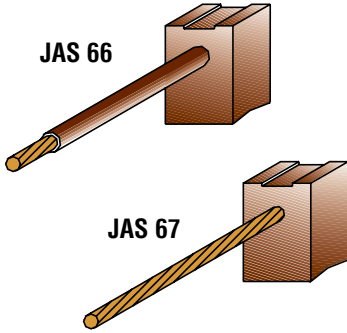
Araç Modeli/Vehicle Model

JASX 59-602114-73123
2114-831231-JAS 59
2-JAS 60Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4,5x11x16

23380-53J00,23379-53J00
23387-KA000,23388-KA000
Hitachi-Starter S114-556A,-558
23300-53J00
23300-KA270NISSAN
SUBARU**JASX 66-67**2114-3315/5312
2114-6313/83132-JAS 66
2-JAS 67Gerilim / Voltage
(Volt)

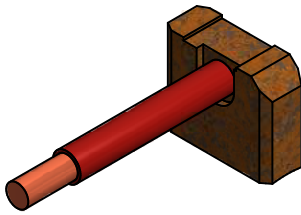
12

Ölçü / Dimension
(mm)

7x11x16

S114118, 55, 60, A, D, 61, B, 62C, D, 63, F, 64, 70, E, 73, F, 80,
G, 82, 94
S114206, 18A, 29E, F, 30, 32, A, 35, A, 37, 44, 71, 95
S114303, 15, 17, B, 18, A, 20A, 45, A, 53, 62, 70, 76B, 78, 85, 87,
90, 91, A, 96
S114413, A, 14A, 19, 25
S114603, 04, 30, 51
31215-634-0050/31216-634-0050
31215-679-0050/31216-679-0050
8-94208-294-0/8-94208-300-0
5-81116-008-0/5-81116-009-0
23379-80W00
23379-M0100/-M0102
23380-56A00
23380-M0100/-M0101
21070-53908/-54008
24370-54008
49206-1001/49207-1001
49206-5501/49207-5501HONDA
ISUZU
NISSAN
SUBARU**JASX 74**

2130-23112



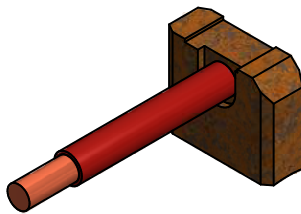
4-JAS 74

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x19x15,8

2330010T02
S13102, 02A, 04, 05, 06, 06A, 06B, 06C, 06E, 07, 07A,
11, 12, 14, 14A, 27, 27A, 27C, 31, 37A,
S13282
S13302, 02A, 21, 29
S1362B, 4, 6A, S1381,3, 9B, 1, 1A, 2A
S1403
S14203, 10, A
S2407, 412
S25163G, 25171
S25501A, B
8-94136-900-0
23 380-10G00
23 379-10G00BMC LEVENT 2500-3000
DIESEL
NISSAN
ISUZU**JASX 74 H**

4-JAS 74 H

Gerilim / Voltage
(Volt)

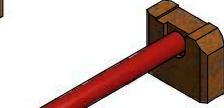
24

Ölçü / Dimension
(mm)

7x19x15,8

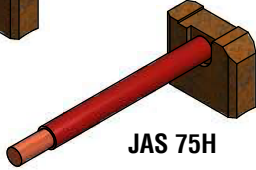
HITACHI, S25-163A
ISUZU 8970324640
0324642
0655260
0958112ISUZU ŞAMPİYON
NPR, NKR
NQR, NKR
WIDE
ISUZU OTOBÜS / BUS

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 74

JAS 75
HI 4751
**2-JAS 74
2-JAS 75**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x19x15,8

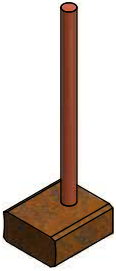
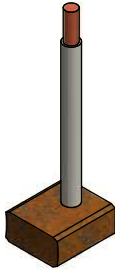
2330010T02
S13102, 02A, 04, 05, 06, 06A, 06B, 06C, 06E, 07, 07A, 11, 12, 14, 14A, 27, 27A, 27C, 31, 37A
S13282
S13302, 02A, 21, 29
S1362B, 4, 6A, 81, 83, 89B, 91, 91A, 92A
S1403
S14203, 10, 10A
S2407, 12
S25163G, 71, 501A, 501B
23379-W2500/23380-W2500
2331-T9000/T9001
5-81118-021-0
8-94136-900-0, 8-94152-930-0/-970-0/-973-0
8-94242-061-0/8-94242-065-0, 8-94478-862-0, 894152970/-973
23379-54A00, 23380-10G00, 23380-54T00, 23380-W2500
740 D, 760 D

**DAIHATSU
ISUZU
MAZDA
NISSAN
VOLVO**
JASX 74-75 H

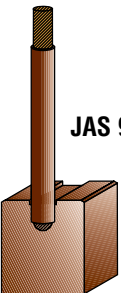
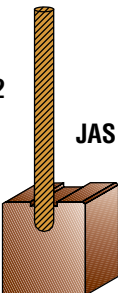
JAS 74H

JAS 75H
HI 4752
**2-JAS 74 H
2-JAS 75 H**
**Gerilim / Voltage
(Volt)**
24
**Ölçü / Dimension
(mm)**
7x19x15,8

HITACHI, S25-163A
ISUZU 8970324640
0324642
0655260
0958112

ISUZU ŞAMPİYON
NPR, NKR
NQR, NKR
WIDE
ISUZU OTOBÜS / BUS

JASX 80-81
**2114-59002
2114-69002**

JAS 80

JAS 81
HI 0811
**2-JAS 80
2-JAS 81**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x14x16

S114253B, 54D, 57, 90, 90A, 90B, 96, 96A
S114322, 22A, 38A, 44, 57, 57A, 57B, 57C, 67, 74B, 93
S114403B, 29A, 40, 42A, 42B, 51A, 53, 58, 59, 71, 71A, 72, 72A, 73, 75A, 76, 80, 80A, 81, 81A, 83, 85, 86
8-94208-440-0
8-94208-444-0
8-94228-440-0
8-94228-444-0
23379-M4900
23380-M4900
5114-480

**NISSAN
DATSUN
ISUZU**
JASX 92-93
**2130-1312/2312
2130-3311/4311
2130-4312/7311**

JAS 92

JAS 93
**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

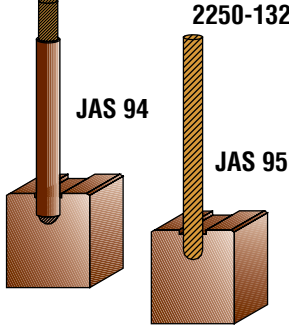
JASX 94-95

2250-2323

2120-2601

2130-1310

2250-1324/-4322

2-JAS 94
2-JAS 95Gerilim / Voltage
(Volt)

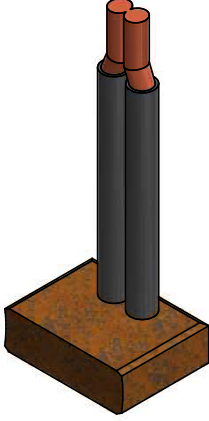
24

Ölçü / Dimension
(mm)

9x19,5x19,5

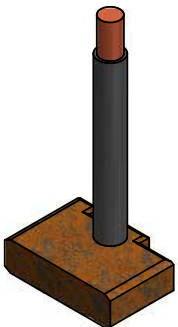
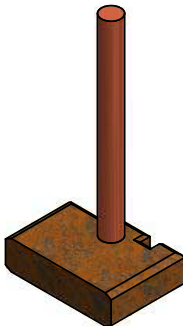
S1224A, S1328, S1373, S25120, S25120A, S25121A,
S25131, S25131A, S25155, S25155C, S25155D, S2564E
1-81116-017-0/-018-0
5-81116-017-0/-018-0
5-81119-001-0
5-81119-015-0
5-81119-016-0
9-82111-551-0
23379-61503
23380-61501
23331-Z9000
23331-Z9001
28142-1020A
28142-1010A

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
YENİ - NEW

LE 0336
4-LET 16.908.337
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
8X25X18,8

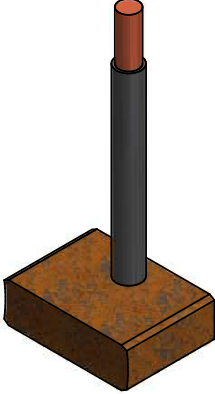
11130748, 11130785, 11130793, 11130836, 11130841, 11130904, 11130941, 11130945, 11130999, 11131014, 11131027, 11131060, 11131065, 11131077, 11131145, 11131167, 11131191, 11131228, 11131237, 11131260, 11131300, 11131318, 11131352, 11131356, 11131370, 11131374, 11131375, 11131382, 11131398, 11131407, 11131411, 11131430, 11131433, 11131436, 11131440, 11131464, 11131488, 11131490, 11131491, 11131507, 11131508, 11131520, 11131542, 11131550, 11131573, 11131574, 11131575, 11131602, 11131604, 11131611, 11131612, 11131613, 11131640, 11131658, 11131697, 11131705, 11131706, 11131709, 11131723, 11131727, 11131763, 11131782, 11131783, 11131784, 11131797, 11131798, 11131811, 11131829, 11131830, 11131839, 11131848, 11131855, 11131856, 11131883, 11131893, 11131896, 11131898, 11131900, 11131920, 11131929, 11131930, 11131945, 11131965, 11132008, 11132009, 11132012, 11132045, 11132046, 11132047, 11132056, 11132062, 11132066, 11132069, 11132070, 11132073, 11132099, 11132104, 11132118, 11132122, 11132149, 11132150, 11132164, 11132170, 11132174, 11132175, 11132183, 11132194, 11132236, 11132259, 11132260, 11132268, 11132276, 11132291, 11132310, 11132325, 11132328, 11132356, 11132359, 11132367, 11132372, AZF4103, AZF4108, AZF4115, AZF4116, AZF4119, AZF4122, AZF4129, AZF4130, AZF4131, AZF4132, AZF4135, AZF4141, AZF4143, AZF4146, AZF4147, AZF4148, AZF4154, AZF4155, AZF4158, AZF4159, AZF4160, AZF4164, AZF4170, AZF4181, AZF4183, AZF4184, AZF4185, AZF4187, AZF4190, AZF4196, AZF4204, AZF4205, AZF4206, AZF4209, AZF4214, AZF4220, AZF4224, AZF4227, AZF4228, AZF4240, AZF4242, AZF4245, AZF4247, AZF4248, AZF4251, AZF4253, AZF4254, AZF4258, AZF4260, AZF4269, AZF4270, AZF4279, AZF4280, AZF4281, AZF4283, AZF4284, AZF4286, AZF4287, AZF4288, AZF4291, AZF4296, AZF4304, AZF4305, AZF4315, AZF4316, AZF4318, AZF4319, AZF4320, AZF4321, AZF4324, AZF4329, AZF4341, AZF4345, AZF4346, AZF4349, AZF4352, AZF4357, AZF4361, AZF4362, AZF4364, AZF4369, AZF4370, AZF4376, AZF4510, AZF4511, AZF4513, AZF4514, AZF4520, AZF4521, AZF4524, AZF4528, AZF4535, AZF4538, AZF4539, AZF4541, AZF4542, AZF4545, AZF4553, AZF4559, AZF4562, AZF4569, AZF4570, AZF4577, AZF4582, AZF4591, AZF4592, AZF4595, AZF4596, AZF4597, AZF4598, AZF4627, AZF4637, AZF4639, AZF4643, AZF4683, AZF4687, AZF4691, AZF4814, AZF4831, AZF4861, ,

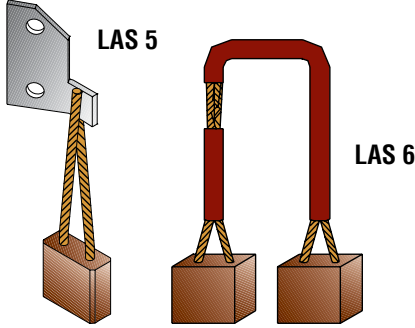
BOBCAT İŞ MAKİNESİ
FIAT TRAKTÖR
CASE
CLAAS ARION SERİSİ
J. DEERE B.DÖVER/
TRAKTÖR
JCB TRAKTÖR/İŞ
MAKİNESİ
M.FERGUSON
N.HOLLAND TARIM
MAKİNESİ/
TRAKTÖR
RENAULT ARES/ERGOS
SERİSİ
TRAKTÖR
STEYR TRAKTÖR

LET 16.908.753
16.908.753
YENİ - NEW

LET 16.908.753 A

LET 16.908.753 B
LE 0752
**2-LET 16.908.753A
2-LET 16.908.753B**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
6X22X15.5

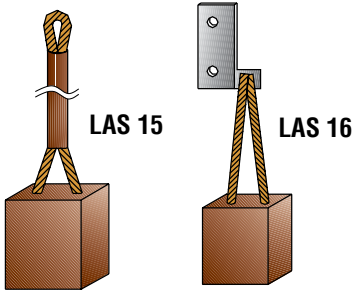
11131063, 11131108, 11131109, 11131112, 11131116, 11131198, 11131221, 11131223, 11131279, 11131315, 11131384, 11131476, 11131477, 11131478, 11131515, 11131526, 11131535, 11131556, 11131560, 11131570, 11131600, 11131603, 11131605, 11131606, 11131663, 11131696, 11131716, 11131731, 11131746, 11131750, 11131751, 11131752, 11131753, 11131761, 11131772, 11131773, 11131780, 11131781, 11131788, 11131789, 11131802, 11131813, 11131821, 11131833, 11131885, 11131890, 11131892, 11131915, 11131916, 11131921, 11131932, 11131942, 11131946, 11131947, 11131948, 11131949, 11131950, 11131951, 11131953, 11131956, 11131957, 11131964, 11131966, 11131967, 11131983, 11131984, 11131985, 11131986, 11131989, 11132007, 11132010, 11132050, 11132051, 11132058, 11132059, 11132064, 11132067, 11132068, 11132077, 11132095, 11132101, 11132121, 11132127, 11132128, 11132134, 11132144, 11132153, 11132154, 11132155, 11132159, AZE4122, AZE4123, AZE4125, AZE4139, AZE4150, AZE4151, AZE4159, AZE4165, AZE4167, AZE4168, AZE4169, AZE4170, AZE4171, AZE4172, AZE4173, AZE4176, AZE4183, AZE4185, AZE4189, AZE4190, AZE4192, AZE4193, AZE4194, AZE4195, AZE4197, AZE4199, AZE4201, AZE4202, AZE4203, AZE4204, AZE4205, AZE4207, AZE4208, AZE4213, AZE4214, AZE4215, AZE4217, AZE4221, AZE4222, AZE4224, AZE4225, AZE4226, AZE4227, AZE4230, AZE4233, AZE4234, AZE4238, AZE4239, AZE4240, AZE4244, AZE4534, AZE4535, AZE4536, AZE4540, AZE4557, AZE4566, AZE4573, AZE4579, AZE4589, AZE4603, AZE4620, AZE4648, AZE4649, AZE4653, AZE4654, AZE4655, AZE4656, AZE4660, AZE4663, AZE4667, AZE4668, AZE6513, AZE6514, AZE6515, AZE6524, AZE6526, AZE6530, AZE6531, AZE6537, AZE6544, AZE6554, AZE6555, AZE6556, AZE6557, AZE6558, AZE6559, AZE6562, AZE6563, AZE6567, AZE6572, ,

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 YENİ - NEW 	LE 0994 4-LET16.908.995 Gerilim / Voltage (Volt) 24 Ölçü / Dimension (mm) 8X25X18,8	11130728, 11130729, 11130730, 11130842, 11130944, 11131150, 11131214, 11131254, 11131266, 11131271, 11131274, 11131316, 11131335, 11131357, 11131359, 11131376, 11131399, 11131452, 11131501, 11131524, 11131863, 11131865, 11131868, 11131869, 11131881, 11131882, 11131894, 11131897, 11131987, 11131995, 11132027, 11132041, 11132042, 11132071, 11132083, 11132085, 11132086, 11132094, 11132106, 11132115, AZF4104, AZF4106, AZF4121, AZF4137, AZF4169, AZF4191, AZF4198, AZF4201, AZF4207, AZF4222, AZF4230, AZF4232, AZF4233, AZF4234, AZF4237, AZF4238a, AZF4239, AZF4243, AZF4246, AZF4266, AZF4267, AZF4273, AZF4276, AZF4277, AZF4289, AZF4292, AZF4293, AZF4294, AZF4295, AZF4298, AZF4303, AZF4507, AZF4508, AZF4509, AZF4515, AZF4527, AZF4554, AZF4571, AZF4572, AZF4573, AZF4575, AZF4581, AZF4588, AZF4593, AZF4594, AZF4617, AZF4646, AZF4659, AZF4672	JCB NA/TC/TCA/TCAE SERİLERİ JS130NL-NLC JS210LC/JS220/ JS235 EKSKAVALÖR CX/SS/CF/ICX/HF SERİLERİ BEKOLODER 180T-HF/190T-HF 8008CTS/9030ZTS

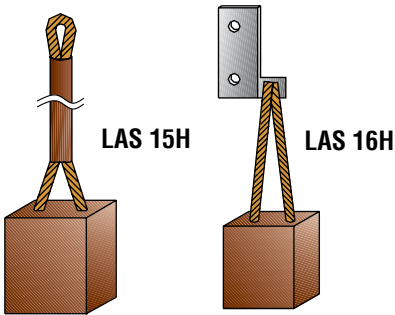
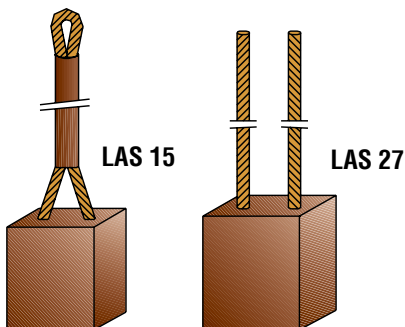
Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
LASX 5-6
**251 108
(TAB128)**

**2-LAS 5
1-LAS 6**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
6,35x15,9x14,2

25022, 25038, 25038B, 25038E, 25038E/H, 25038H, 25059, 25059A/F, 25079, 25079A/J, 25079H, 25079J, 25083, 25083A/H, 25085, 25085A/B, 25088, 25088A/J, 25105, 25105A/B, 25105X, 25112, 25112A/B, 25112A/F, 25118, 25118A, 25118B, 25118C, 25118D, 25118E, 25118F, 25118G, 25118H, 25118I, 25118J, 25128, 25128A/B, 25129, 25129A, 25129B, 25130A/B, 25132, 25132A, 25138, 25138A/J, 25140, 25140A/E, 25142, 25142A/H, 25143, 25143A/E, 25144, 25144A/B, 25151, 25151A, 25152A, 25154, 25154A/F, 25155, 25155A/H, 25181, 25181A, 25202, 25202A, 25203, 25203A/D, 25203A/E, 25208, 25208A/E, 25519

**COMMER
ANADOL**
LASX 15-16
**271 735
(TAB125)**

LU 5161
**2-LAS 15
2-LAS 16**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7,9x19,05x22,2

M45G, M113
26147, 48, 51, 53, 54, 63, 66, 78, 89, 92, 93, 96, 98
26200, 1, 8, 15, 19, 20, 33, 36, 38, 48, 55, 56, 59, 64,
66-71, 75, 78-81, 83, 85-88
26300-2, 6, 10, 20, 21, 46-48, 64, 70-73, 75, 81,
83, 85, 90, 91, 94, 96
26400, 12, 13, 22
27403, 5, 6, 9-14, 16-28, 31-33, 35, 36, 38-40, 43,
46, 47, 49, 52, 57-59, 63, 65, 68-70
TM 30

**BMC
ROVER** OFF-ROAD
DEFENDER 2.5 d
LAND ROVER 2.25 d

LASX 15-16 H

LU 5362
**2-LAS 15 H
2-LAS 16 H**
**Gerilim / Voltage
(Volt)**
24
**Ölçü / Dimension
(mm)**
7,9x19,05x22,2
LUCAS STARTER
LASX 15-27
271 735 (TAB 120)

**2-LAS 15
2-LAS 27**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7,9x19,05x22,2

25585, 25586, 25586A, 26072, 26132, 26132A/F
26132H, 26132H/R, 26132J/R, 26133, 26133A/J, 26133K/R
26143, 26143A, 26143A/H, 26143B, 26143J/Q, 26145
26145A/F, 26145H/N, 26146, 26146A/F, 26146H/N, 26147

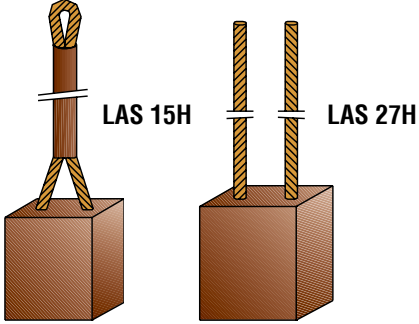
**MASSEY FERGUSON
FORD
LEYLAND**

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

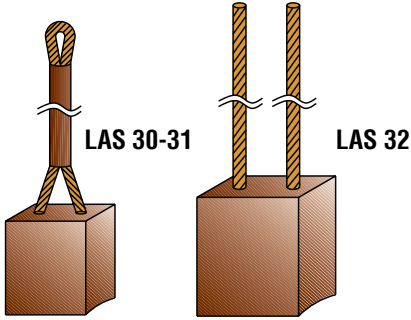
LASX 15-27 H2-LAS 15 H
2-LAS 27 HGerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

7,9x19,05x22,2

LUCAS STARTER

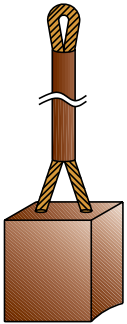
LASX 30-31-32 542 569 07 (TAB 106)1-LAS 30
1-LAS 31
2-LAS 32Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7,9x19,5x22,2

25585, 25586, 26209

FORD TRACTOR 2000
2600, 3000, 3600**LASX 31** 542 585 92 (TAB119)

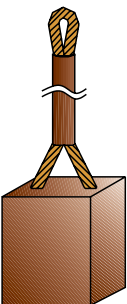
4-LAS 31

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7,9x19,05x22,2

M50
26211, A, A/L, L, M/T, N, N/R, R/T, T, 1U, 26291A/D, E
26304A, 26338, A, A/F, B, D, F, 26339, A, A/K, B, D, D/H,
F, 26395, A, A/H, B, D, D/E, E, F, 27500, A, A/J, 27561B,
27569FORD TRACTOR 2000
3000, 7600
7610, 7700, 7710**LASX 36** 542 595 17 (TAB118)

LU 0361

4-LAS 36

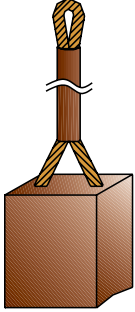
Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

9x20x26

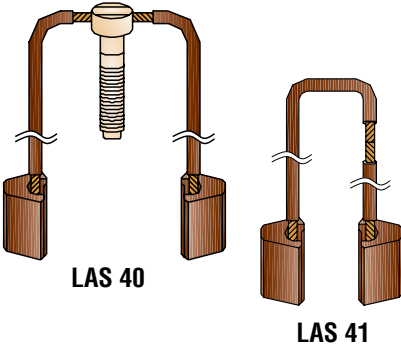
M50, M127
26227, 34, 46, 65, 73, 74, 82, 84, 90, 94, 95, 97, 98
26304, 5, 12, 16, 17, 23, 29, 36, 37, 41-45, 49, 51, 52, 55,
57-61, 63, 65, 66, 69, 74, 76, 78, 79, 84, 86, 88, 89,
93, 98
26402-4, 7-11, 14, 16, 20, 21, 23, 27-31, 33-37
27304
27500-9, 11-16, 18-28, 31-34, 36-41, 43, 45-47,
50-54, 56-59, 63-65FORD 750-1210
OTOSAN
BMC 100,135,140
LEYLAND 140, 1340
CHRYSLER GENOTO
BEDFORD
CARGO
HEMA
M.FERGUSON

Takım Sipariş Kodu / Set Order Code
LASX 36 H
54 244 848

**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
4 LAS 36 H

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

9x20x24,5
LUCAS STARTER
LASX 40-41
542 448 48 (TAB117)

**1-LAS 40
1-LAS 41**

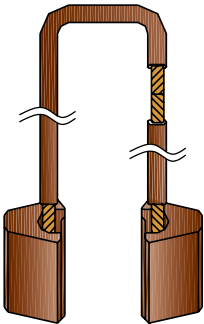
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

9/3,5x11,6x15,9

 M35J, K
25137, 45-50, 56, 57, 59, 65-68, 78, 80, 82-87, 90, 91
25204-7, 9, 10, 13-16, 19, 23, 34, 38, 39, 41, 42, 46, 49, 50,
53, 55, 59, 62, 64-66, 68-74, 76-84, 87-92, 94, 98, 99
25311, 27, 29, 30, 42, 43, 45-48, 68, 73
25400
60925019, 2

FORD TRANSIT
ANADOL
BMC
AUSTIN
PEYKAN
LASX 41
542 652 16

2-LAS 41

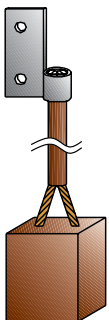
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

9/3,5x11,6x15,9

 M35J, K
25137, 45-50, 56, 57, 59, 65-68, 78, 80, 82-87, 90, 91
25204-7, 9, 10, 13-16, 19, 23, 34, 38, 39, 41, 42, 46, 49, 50,
53, 55, 59, 62, 64-66, 68-74, 76-84, 87-92, 94,
98, 99
25311, 27, 29, 30, 42, 43, 45-48, 68, 73
25400
60925019, 2

FORD TRANSIT
ANADOL
BMC
AUSTIN
LASX 42
542 449 79

4-LAS 42

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

9x20x26

M50, M127

MASSEY FERGUSON

Takım Sipariş Kodu / Set Order Code

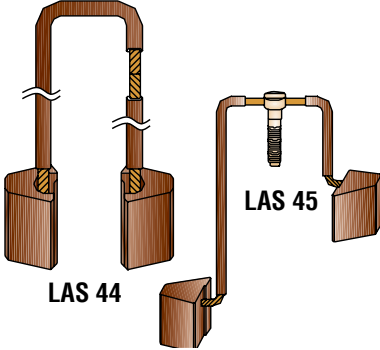
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

LASX 44-45

60600196 (TAB 116)

1-LAS 44
1-LAS 4525631,59,68,70,77-83,94,97
25700,1,45
M 100LAND ROVER
COMMER
AUSTINGerilim / Voltage
(Volt)

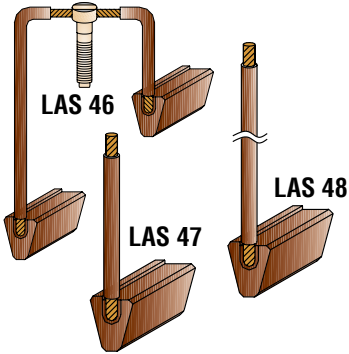
12

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 4825696
M 100

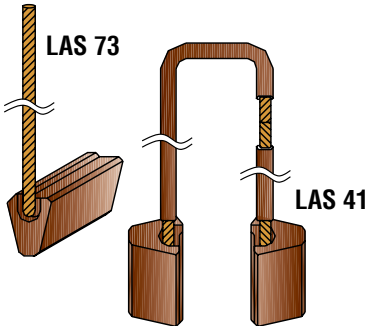
LANDROVER

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

10,3/4,7x13,3x17,5

LASX 73-41606 007 67 (TAB 103)
993 730 31-LAS 41
2-LAS 7325326, 31-33, 35-40, 44, 49-51, 54-57, 59-62, 65, 66,
69-72, 74-80, 82-85, 87-89, 97, 98
25404, 5, 10, 11
M 90

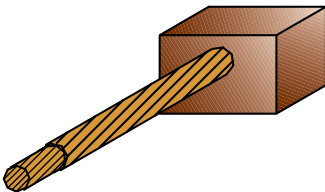
FIAT

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

9/3,5x11,6x15,9

LASX 75606 009 36
606 009 46
606 009 44

LU 0751

4-LAS 75

26701, 26701A, 26701J, 26702E/K, 26707, 26707A
26707A/L, 26713, 26713A, 26713A/D, 26713D, 26715
26715B, 26716, 26716B

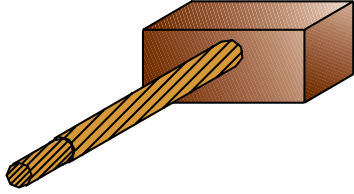
ROVER

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6,8x13,8x9,4

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
LASX 76
**606 009 20
606 009 19**

4-LAS 76

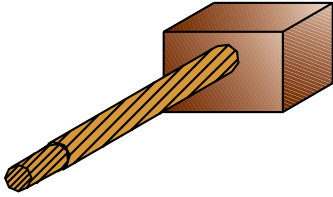
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6,8x19,8x9,4

 26903, B/D, 26905, A/D, 26907, B
26908, A/B, 26909, B/D, 26911, B/D
26912, E, 26913, A, 26914, A/F
26917, A, 26918, D, 26920, A/E
26922, B, 26923, A/D, 26924, B
26927, A, 26928, A, 26929, A/B
26930, A, 26931, A/B, 26932, A
26935, B, 26936, B

FORD
LASX 86-79-80
606 009 53 (TAB 136)

**2-LAS 86/0
1-LAS 79
1-LAS 80**

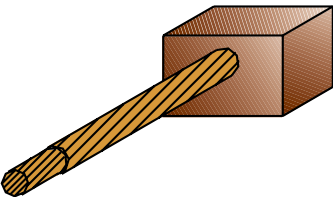
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x13,7x12

 26604, 26604E/J, 26606, 26606E/H, 26607, 26607E/J
26631, 26631A/D, 26633, 26633A/B, 26645E, 26646
26646B/D, 26647, 26647A/E, 26659, 26659B/D, 26660
26660B/D, 26662, 26662A, 26663, 26663A, 26667
26667B, 26690, 26693, 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

26614, 26614B/D, 26619, 26619A/D, 26622, 26622A/D

ROVER

Takım Sipariş Kodu / Set Order Code

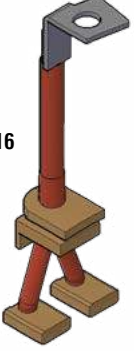
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 16-17

JASX 16



JASX 17

1-JAS 16
2-JAS 17Gerilim / Voltage
(Volt)

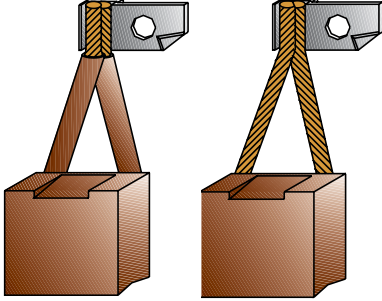
12

Ölçü / Dimension
(mm)

4,5x12x15,5

MOT84881
MOT85381
36100-38090
M60081
M60082
HYUNDAI SANTA FE
SONATA
KIA OPTIMA
SORENTO

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)

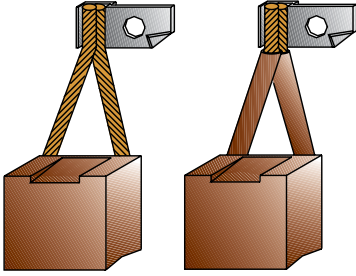
24

Ölçü / Dimension
(mm)

8x25x23

MT67A, AA, AB, AC, B, BA, C, CA, D, DA, DB, F, FA, FB, G, H, L
632 167 01-04, 06-08, 10, 25-27, 33, 38, 40, 47, 48, 63

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)

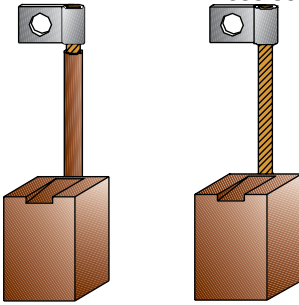
12

Ölçü / Dimension
(mm)

10x25x23

MT68AA, AB, B, BA, H, LA, LB, M, MA, MB, P, PA, Q, QA, R
632 168 02, 8, 11, 14, 15, 16, 25, 26, 27, 33,
51, 59, 73, 74, 76, 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)

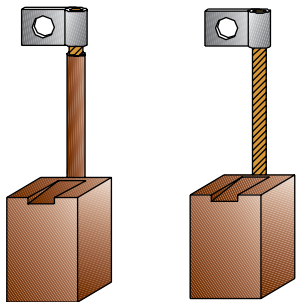
12

Ölçü / Dimension
(mm)

9x16x23

MT71A, D, E, FA, H, L, LA, N, R, S, T, U, V, Z
632 171 01, 04-08, 10, 12, 16-21, 25, 38, 47, 73, 82
632 174 01-04

FORD
**TRANSIT
DAILY**
MASX 19-20

723 837 03/05
723 837 04/06

MAS 19
MAS 20
**2-MAS 19
2-MAS 20**

Gerilim / Voltage
(Volt)

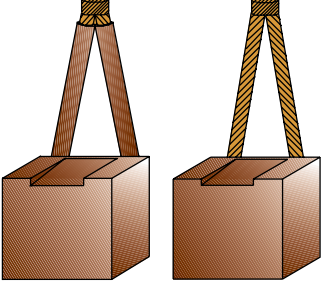
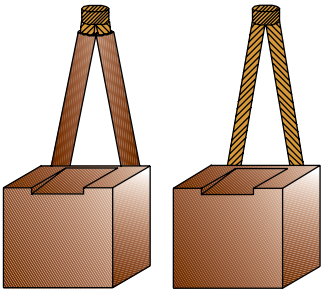
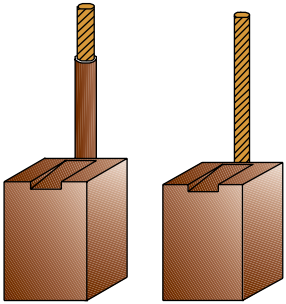
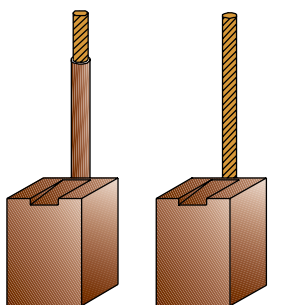
24

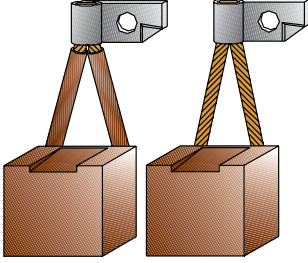
Ölçü / Dimension
(mm)

9x16x23

MT72AB
632 172 25

FIAT
KAMYON/TRUCK

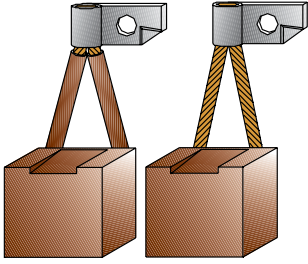
Takım Sipariş Kodu / Set Order Code	Özellikler Properties	Motor Numarası / Unit No.	Araç Modeli/Vehicle Model
MASX 21-22 721 650 01 721 659 01  MAS 21 MAS 22	MA 1221 2-MAS 21 2-MAS 22 Gerilim / Voltage (Volt) 24 Ölçü / Dimension (mm) 8x25x23	MT 67 AD, CB 632 167 31, 41	IVECO FIAT EUROCARGO, ALLIS MK ZETA
MASX 23-24 721 647 01 721 658 01  MAS 23 MAS 24	MA 3241 2-MAS 23 2-MAS 24 Gerilim / Voltage (Volt) 12 Ölçü / Dimension (mm) 10x25x23	MT 68 AD, LC, MC, PA, PB, RA, S, T 632 168 17, 18, 31, 52, 61, 84, 96	CHRYSLER FIAT FORD JOHN DEERE LOMBARDINI M. FERGUSON DODGE DESOTO FARGO TRAKTÖR / TRACTOR CARGO GENOTO BEDFORD
MASX 25-26 721 641 01 721 660 01  MAS 25 MAS 26	MA 5261 2-MAS 25 2-MAS 26 Gerilim / Voltage (Volt) 12 Ölçü / Dimension (mm) 9x16x23	MT 71 AB, DB, FB, GB, HB, RB, SB, LA, TA, UA, VA MT 74 AA, BA, DA 632 171 26, 48, 54, 56, 58, 63, 80, 86, 88, 97 632 174 07, 08, 10, 25, 33, 47	BMC LEYLAND FIAT FORD GENOTO OTOKAR STEYA UZEL M. FERGUSON ALLIS TRAKTÖR/TRACTOR TRANSIT BEDFORD DEUTZ, TOE
MASX 27-28 721 641 02 721 657 01  MAS 27 MAS 28	MA 7281 2-MAS 27 2-MAS 28 Gerilim / Voltage (Volt) 24 Ölçü / Dimension (mm) 9x16x23	MT 72 AB 632 172 26	ISUZU FIAT OTOYOL IVECO

Takım Sipariş Kodu / Set Order Code
MASX 29
**72363203
72363204**

MAS 29 B
MAS 29 A
**Özellikler
Properties**
**2-MAS 29A
2-MAS 29B**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
10x25x23
Motor Numarası / Unit No.

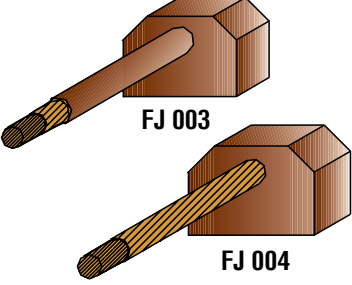
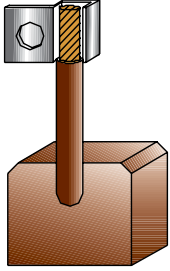
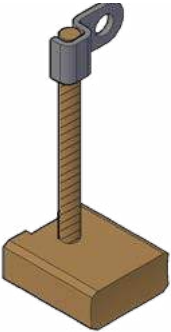
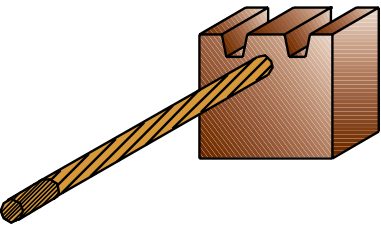
4702248, 4737755
63216802, 08, 11, 14, 15, 16, 25, 26, 27, 33
51, 59, 73, 74, 76, 98
MT68AA, AB, AC, AD, B, BA, H, LA, LB, LC, M, MA
MB, P, PA, Q, QA, R, RA

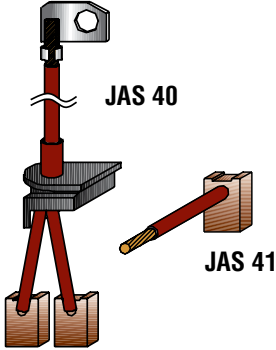
Araç Modeli/Vehicle Model

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 29HB**
**Gerilim / 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 Gerilim / Voltage (Volt) 12 Ölçü / Dimension (mm) 8x24x20	23380-37500 24370-54008 	MITSUBISHI MIDIBUS / VAN OTOBÜS / BUS TRAKTÖR/TRACTOR
FJ 015 UE 700541 	4-FJ 015 Gerilim / Voltage (Volt) 24 Ölçü / Dimension (mm) 8x24x20	23380-37502 49206-1001/49207-1001 	MITSUBISHI MARATON
JASX 23 M648D10471 	4-JAS 23 Gerilim / Voltage (Volt) 12 Ölçü / Dimension (mm) 6,0x14x16	0135 18 444A,445A MD602593,594 SM302-02, 07, 08, 18 31200-PC6-663, PD2-663, PEO-664, PE1-674, PH3-953 	MAZDA MITSUBISHI
JASX 29 M648 C101 71 M648 C106 71 	4-JAS 29 Gerilim / Voltage (Volt) 12 Ölçü / Dimension (mm) 6,8x16,5x14	0603-23-643 E64457044M 23380-10611 23380-21010 	MAZDA FAMILIA SUNNY DATSUN MITSUBISHI NISSAN

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
JASX 40-41
**M647 C00 271,272
M648 C311 71**

MI 0411
**1-JAS 40
2-JAS 41**

 Gerilim / Voltage
(Volt)

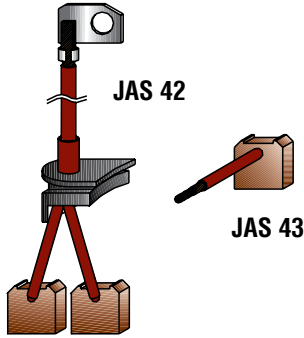
12

 Ölçü / Dimension
(mm)

4,5x12x17,5

 M1T60381, 70281, 70481, 70781, A, 70881, A, 70981,
70982A, 70985, 71281, A, B, 71481, 71481 A,
71881, A, 72583, 72985A, 75581, 77381, 77581
23380-421-70
233379-AA 000

**MAZDA
MITSUBISHI
NISSAN
HYUNDAI** ACCENT

JASX 42-43
**M647 C003 71
M648 C329 71**

MI 2431
**1-JAS 42
2-JAS 43**

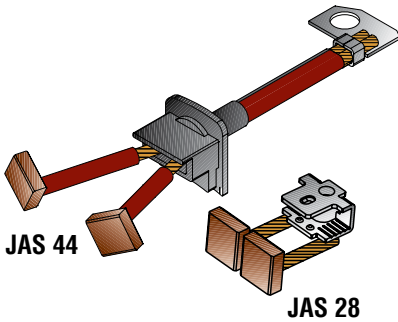
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

4,5x18x17,5

 M1T 70381, 70485, 71781, 74081, 74181, 74281, 74381,
74481, 75781, 90281
N327-18-X66
MD 611 918

**MAZDA
MITSUBISHI**
JASX 44-28
**M647 X034 71,04571
M647 X055 71,05871**

MI 4283
**1-JAS 44
1-JAS 28**

 Gerilim / Voltage
(Volt)

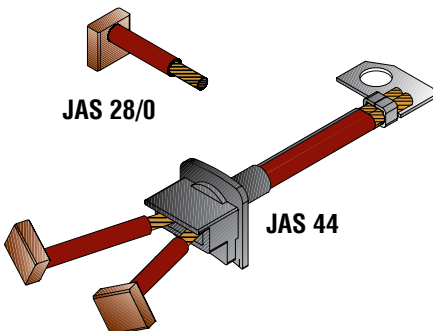
12

 Ölçü / Dimension
(mm)

4,5x12x12,5

M1T60285

**NISSAN
FORD** DIESEL

JASX 44-28/0
**M647 X034 71, 04571
M647 X055 71, 05871**

MI 4281
**1-JAS 44
2-JAS 28/0**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

4,5x12x12,5

M1T60285

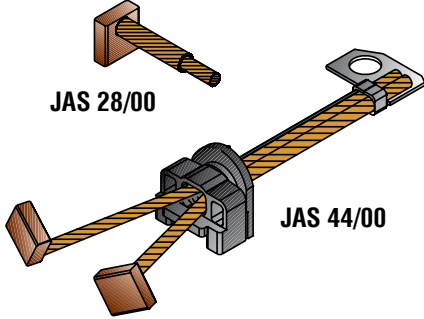
RENAULT KANGOO 1,5
DIESEL

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 44-28/00

MI 4282

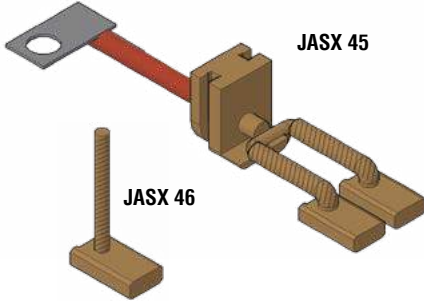
1-JAS 44
2-JAS 28/00Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4,5x12x12,5

MOT20871, M321X45071

CITROEN
FIAT
PEUGEOT**JASX 45-46**M647C00171
M648C164711-JAS 45
2-JAS 46Gerilim / Voltage
(Volt)

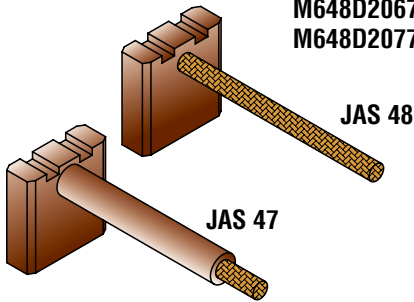
12

Ölçü / Dimension
(mm)

4,5x10x17,5

MD607897
MD607899

MITSUBISHI

JASX 47-48M648C20371
M648C22371
M648C24471
M648C24472
M648D20671
M648D207712-JAS 47
2-JAS 48Gerilim / Voltage
(Volt)

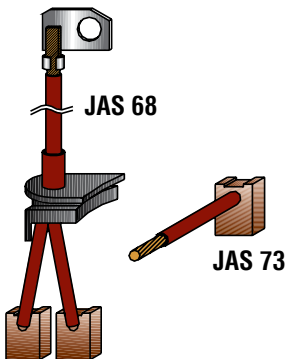
12

Ölçü / Dimension
(mm)

6,5 x 19 x 19,3

0839-24-723
MM502019
MM502135
23379-37504
23379-99008
23379-J2000
23380-37504
23380-37505
23380-J2000
29042-L7000
29142-L5000
29142-L7005
29242-L4005MAZDA
MITSUBISHI
NISSAN**JASX 68-73**

M647 C008 71

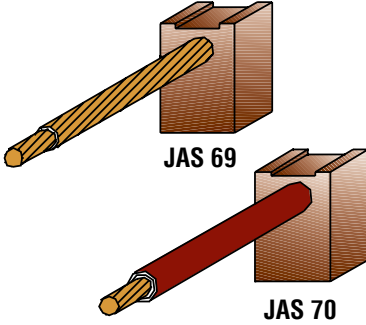
1-JAS 68
2-JAS 73Gerilim / Voltage
(Volt)

12

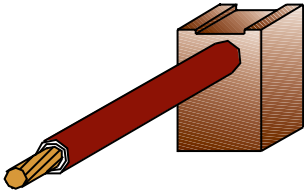
Ölçü / Dimension
(mm)

4,5x12x16,5

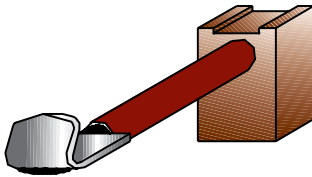
M1T70483, 72581, 72583,
73281, 73283, 73383,
77681
MD 611 731MITSUBISHI COLT
MAZDA 323
NISSAN ALM

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**

**2-JAS 69
2-JAS 70**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
6,8x11,8x17,2

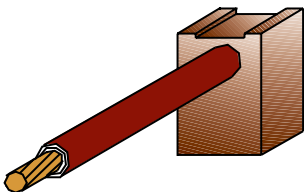
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M3T 21281D, 21381, 21882D, 22681, 27686D, H, N, 30081, 30082, 30088, 30281, 30282, 30285, 30286, 30381, 30382, 30581, 30583, 30782, 30881, 32081, 32082, 32381, 32382, 32581-5, 32591, 32592, 32593, 32681, 32782, D, 32985, 32986, 32988, 33081, 33481, 33585, 33586, A, D, 33587, 33981, H, 34081, 34082, 36081, 38881B, 38882, A, B, C, 38885, 38981, 39385, 39781, 41081, 41083, 41481, 41881, 42681, 48181, 49381, 49585, 49781
JMTSX 100
0222-24-750/0222-24-753
0426-24-753/N202-24-750
MD602468/MD607420
23378-N5911
23380-U0110/B5010/E3010
JMTSX 100
31132-72030/31

**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, 25481, 25681, 50281, 50381, 51082, 51083, 51181, 52881, 53083, 53085, 53881, 53882, 54085
M3T10172, 10271, 10272, 10372
10473, 10475, 10476, 10672, 15772, 19571, 19871, 19971, 20081, 20381, 20681, 20781, 21281, 21282, 21881, 21882, 22081, 22381, 22581, 22582, 22781, 24481, 24485, 24486, 24488, 25781, 25782, 25783, 25882, 25883, 25891, 26081, 26685, 27581, 27686, 27781, 29681, 32781, 32781ZC
0222-24-753/N202-24-750
MD 602069/MD 607 949/MM 502 344
23380-E3010
23378-N5911/N5910

**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, 25481, 25681, 50281, 50381, 51082, 51083, 51181, 52881, 53083, 53085, 53881, 53882, 54085
M3T10172, 10271, 10272, 10372
10473, 10475, 10476, 10672, 15772, 19571, 19871, 19971, 20081, 20381, 20681, 20781, 21281, 21282, 21881, 21882, 22081, 22381, 22581, 22582, 22781, 24481, 24485, 24486, 24488, 25781, 25782, 25783, 25882, 25883, 25891, 26081, 26685, 27581, 27686, 27781, 29681, 32781, 32781ZC
0222-24-753/N202-24-750
MD 602069/MD 607 949/MM 502 344
23380-E3010
23378-N5911/N5910

**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, 25481, 25681, 50281, 50381, 51082, 51083, 51181, 52881, 53083, 53085, 53881, 53882, 54085
M3T10172, 10271, 10272, 10372, 10473, 10475, 10476, 10672, 15772, 19571, 19871, 19971, 20081, 20381, 20681, 20781, 21281, 21282, 21881, 21882, 22081, 22381, 22581, 22582, 22781, 24481, 24485, 24486, 24488, 25781, 25782, 25783, 25882, 25883, 25891, 26081, 26685, 27581, 27686, 27781, 29681, 32781, 32781ZC

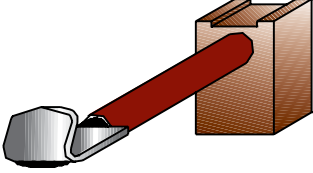
**MAZDA
MITSUBISHI
CANTER 659 Y.M.**

Takım Sipariş Kodu / Set Order Code

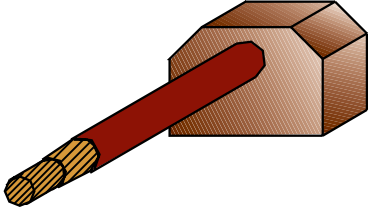
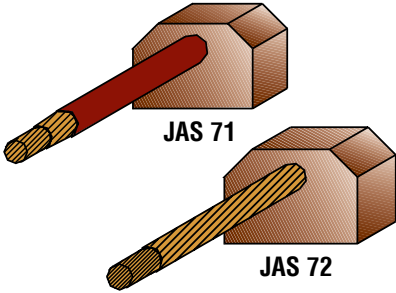
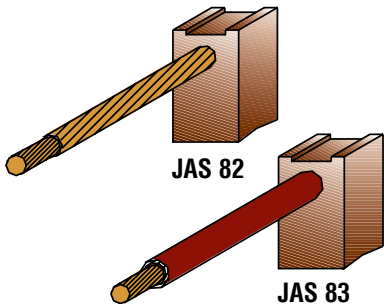
Özellikler
Properties

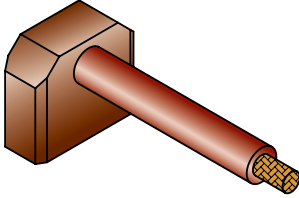
Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 70 H/KM648 C137 70
M648 C103 71B**4-JAS 70 H/K**Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**6,8x11,8x17,2**M2T23685, 25481, 25681, 50281, 50381, 51082, 51083
51181, 52881, 53083, 53085, 53881, 53882, 54085
M3T10172, 10271, 10272, 10372, 10473, 10475, 10476
10672, 15772, 19571, 19871, 19971, 20081, 20381
20681, 20781, 21281, 21282, 21881, 21882, 22081
22381, 22581, 22582, 22781, 24481, 24485, 24486
24488, 25781, 25782, 25783, 25882, 25883, 25891
26081, 26685, 27581, 27686, 27781, 29681, 32781
32781ZC**MAZDA**
MITSUBISHI
CANTER 659 Y.M.**JASX 71**

M648 C256 71

**4-JAS 71**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8x24x17**M2T60071, 0072, 0073, 0171, 0172, 1171
M3T66071, 66072, 66073, 66074, 67171, 67172
90071, 90072
SE01-24-750
R201-18-X66
MD 611024/ME 700858**MAZDA**
MITSUBISHI PAJERO
GALANT**JASX 71-72**M648 C256 71
M648 C256 72**MI 1711****2-JAS 71**
2-JAS 72Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8x24x17**M2T60071, 0072, 0073, 0171, 0172, 1171
M3T66071, 66072, 66073, 66074, 67171, 67172
90071, 90072
R201-18-X66
R201-24-750
S203-24-750
SE01-24-750
ME700047/ME700290
ME700939**MAZDA**
MITSUBISHI**JASX 82-83**M648 C149 70, 71
M648 C148 71
150 70**MI 2831**
MI 2832**2-JAS 82**
2-JAS 83Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**7x10x17**M2T 20181, D, 30385, 30481, 32281, 32782D, 37081, 41181,
41182, 42381, 42481, 42781, 42881, 42981, 43081, 44081,
48081, 49281, 49282
M3T 21281D, 21381, 21882D, 22681, 27686D, H, N, 30081,
30082, 30088, 30281, 30282, 30285, 30286, 30381,
30382, 30581, 30583, 30782, 30881, 32081, 32082, 32381,
32382, 32581-5, 32591, 32592, 32593, 32681, 32782, D,
32985, 32986, 32988, 33081, 33481, 33585, 33586, A, D,
33587, 33981, H, 34081, 34082, 36081, 38881B, 38882, A,
B, C, 38885, 38981, 39385, 39781, 41081, 41083, 41481,
41881, 42681, 48181, 49381, 49585, 49781
B630-18-X66
B660-18-X66
E301-24-750, -753
E501-24-753
MD607554/-556
23379-M8310
23380-M8311
31131-80090, 31132-80090**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

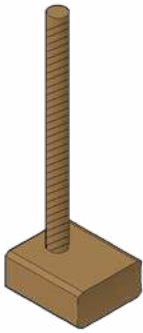
1456-24-723
1456-24-750
MD607461
23378-W2810

MAZDA
mitsubishi
NISSAN

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8x20x17
JASX 91

4-JAS 91

M1T50172
M001T50172,471
Diesel Gear Starter
205, 309 Diesel
JMTSX101

MITSUBISHI
NISSAN
PEUGEOT

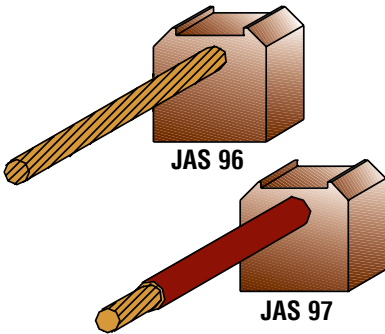
205
305
405
BOXER
BX
XM
XANTIA
BERLINGO
SCUDO

CITROEN
FIAT

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x14x16
JASX 96-97
M648 C263 71

MI 6971

M2T54272, 54471, 54572, 54771, 56171, 56181, 56182,
56185, 56272, 56471, 56871, 57271, 57371,
57771, 61071, 61072, 62271, 62971, 64271,
65272, 66871, 66873, 67871, 67873, 67881,
67883, 74171, 74371, 92071, 92071A, 92171,
92172, 92172A

MITSUBISHI CANTER 429

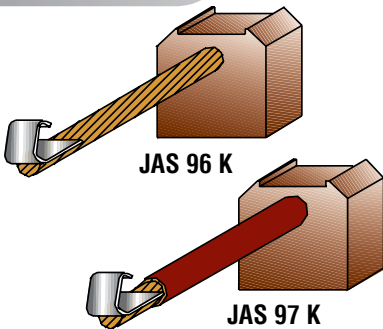
2-JAS 96
2-JAS 97

ME700140/ME701169
23330-T9000

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

6,8x18x18
JASX 96-97/K
M648 C263 71

2-JAS 96 K
2-JAS 97 K

M2T54272, 54471, 54572, 54771, 56171, 56181, 56182,
56185, 56272, 56471, 56871, 57271, 57371, 57771,
61071, 61072, 62271, 62971, 64271, 65272, 66871,
66873, 67871, 67873, 67881, 67883, 74171, 74371,
92071, 92071A, 92171, 92172, 92172A
ME700140/ME701169
23330-T9000

MITSUBISHI CANTER 429

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

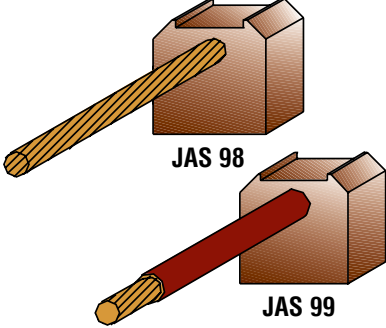
6,8x18x18

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 98-99M648 C153 72
M648 C154 72

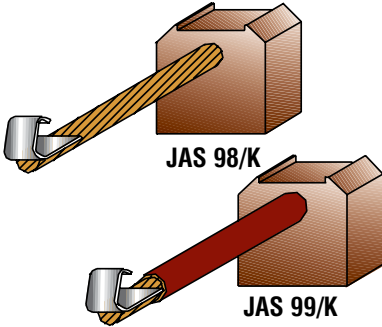
MI 8991

2-JAS 98
2-JAS 99Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6,8x18x18

S13106E, S13112, S13127C, S13131, S13137A, S1389B,
S1403
8599-24-750
MD 618 460
ME700127/ME701118
23378-W3410MAZDA
MITSUBISHI
NISSAN**JASX 98-99/K**M648 C153 72
M648 C154 722-JAS 98/K
2-JAS 99/KGerilim / Voltage
(Volt)

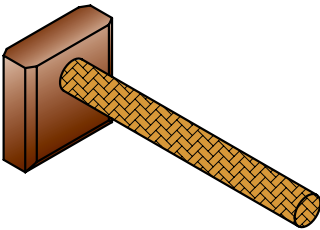
12

Ölçü / Dimension
(mm)

6,8x18x18

S13106E, S13112, S13127C, S13131, S13137A, S1389B,
S1403
8599-24-750
MD 618 460
ME700127/ME701118
23378-W3410MITSUBISHI CANTER L300
MAZDA
NISSAN**JASX 100**

M648C35871



4-JAS 100

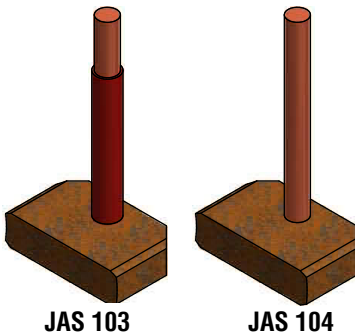
Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4,3x12x12.3

MOT20871

CITROEN BERLINGO
C4,C5
EVASION
JUMPER
XANTIA
FIAT SCUDO
PEUGEOT ULYSSE
BOXER
EXPERT**JASX 103-104**

MI 1041

2-JAS 103
2-JAS 104Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

8X30X18,2

M009T60671
M9T60371,60671,60672,60471, 61171

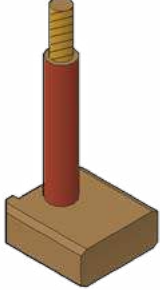
RENAULT

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 21 (4)

4-JAS 21

Gerilim / Voltage
(Volt)

12

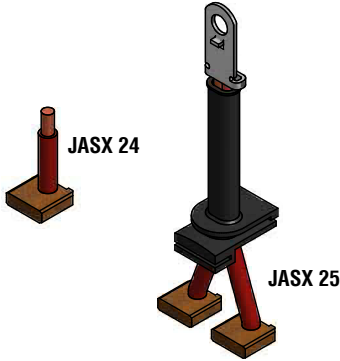
Ölçü / Dimension
(mm)

6x14x15

D7RSA7
D7RS7
SM302
31208-PC2-681
31200-P03P005
SM302-46

Servicing : SM302-01, SM302-02, SM302-03, SM302-04,
SM302-07, SM302-08, SM302-09, SM302-10, SM302-12,
SM302-15, SM302-16, SM302-18, 267726

HONDA CIVIC
CRX DEL SOL
ACCURA

KOHLER
JASX 24-25

**2-JAS 24
1-JAS 25**

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

5x17x16,5

186169,187, 387, 390
D7RSA 4,8,11
31200 P45C0
SM402
SM442-25
SM402-03

HONDA ACCORD
PRELUDE

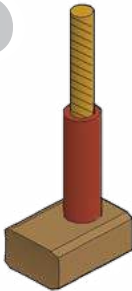
Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 1

028530-0932
1020
1030

2-JAS 1

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6x9x12,5

028000-8411,9133,9872,9882
128000-1431,4461,4590
Replacing : M648C12370, M648C12170
Servicing : M002T10171, M002T20181A,
M002T20281, M002T10171, M002T20181A,
M003T10476, M003T10672, M003T11174,
M003T11272, M003T12572

YAMAHA MOTORCYCLE
KAWASAKI MOTORCYCLE
HONDA MOTORCYCLE
SUZUKI MOTORCYCLE

JASX 2

1 004 320 251


2-JAS 2

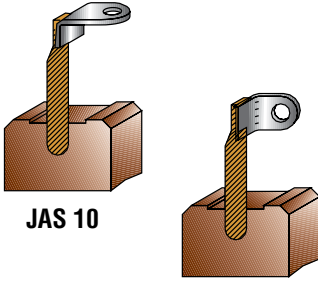
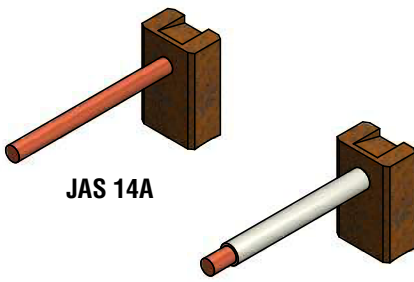
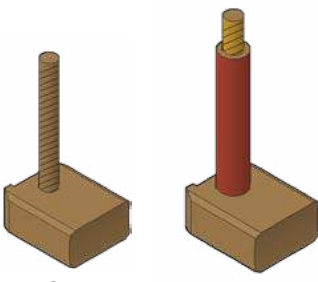
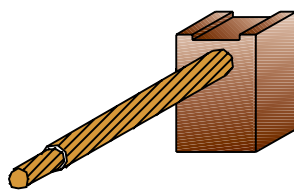
Gerilim / Voltage
(Volt)

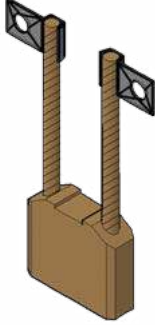
12

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  JAS 10 JAS 11	ND 0111 2-JAS 10 2-JAS 11 Gerilim / Voltage (Volt) 24 Ölçü / Dimension (mm) 10x30x20	128000 049,245,247,256,274,422, 468,491,537,551,562,572,573 228000-331,332,573,585,700 1-8116-048-0 1-8116-049-0	ISUZU CATERPILLAR CUMMINS DODGE TRAKTÖR / TRACTOR GMC TRAKTÖR / TRACTOR
JASX 14  JAS 14A JAS 14B	2-JAS 14A 2-JAS 14B Gerilim / Voltage (Volt) 12 Ölçü / Dimension (mm) 7x12x16	28142-21010 9-8211-1649-0 0180-23-756 K437 450-0 MD604067 89207-8602/49206/7202 31131-75011 28142-21010	DAIHATSU ISUZU MAZDA MITSUBISHI SUBARU SUZUKI TOYOTA
JASX 18-19  JAS 18 JAS 19	2-JAS 18 2-JAS 19 Gerilim / Voltage (Volt) 12 Ölçü / Dimension (mm) 7x13x15,5	OSGR- Starter 1.2 kw 825222, 825700, 0R9705, 160-4648, 28100-87806, 28100-B8010, 31208-PM3-J01, 31208-PM3-J010M, 8-97048-966-1, 8943772580, 8970489660, 8970489662, AM876435, AM878415, TY25233, 21163-0030, 21163-0030, 21163-1299, 21163-1299, 23378-AA060, 28100-OD010, 28100-22050, 28100-46150, 28100-46180, 28100-46190, 28100-76060, 28100-76081, 28140-74120, 28140-76060, 119626-77020, 129129-77010 Servicing : 128000-7010, 128000-7120, 128000-7121, 128000-7122, 12800-7130, 128000-7390, 128000,7710, 128000-7711, 128000-7712	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	028000 4490, 4651, 4790, 4840, 5070, 5071, 5350, 5720 6070, 6330, 6510, 6511, 6790, 7270, 7311, 9690 28142-10011 0208-23-756 MD 604 240 4102, 6102/49243-7312 89206-8702,8602 31131-55010,55011, 75111 28142-10011	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

 Gerilim / Voltage
(Volt)

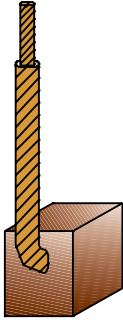
12

 Ölçü / Dimension
(mm)

9x30x26

R50927
MD604256, MF022002
28142-47021, 76010, 77040
028000-3291, 3650, 3930, 4870, 4930,
128000-0260, 0480
Replacing : 385300-480, 028530-0487, 028530-0481,
028520-0480
Servicing : 028000-3290, 028000-3291, 028000-3292,
028000-3650, 028000-3930, 028000-3970, 028000-4870,
028000-4930, 028000-5040, 4N0241, 4N241, 9X0354,
28100-1670, 28100-1670A, 28100-1671A, 28100-1672A,
5811000710, AR41627, AR55639, AR70611, AR77254,
RE13722, RE23900, RE41875, RE41880, RE41890,
SE501414, TY25960, TY25962, TY6617, TY6713, TY6725,
50-831001671, 50-831001672, 191-1117

J. DEERE
MITSUBISHI
TOYOTA
CATERPILLAR
HINO
ISUZU
JOHN DEERE
MERCURY MARINE
ONAN

JASX 39
028099-5450

4-JAS 39

 Gerilim / Voltage
(Volt)

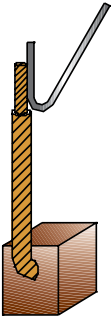
12

 Ölçü / Dimension
(mm)

6,5x8x10

128000 2520, 2631, 2800, 2820, 2980, 3090, 3530, 4060
4230
28142-87504-000
31211-PH9-004
8-94455-168-0
8-94455-167-0
MD 604 643
209705-5108
31131-51A10
28142-10029

DAIHATSU
HONDA
ISUZU
MITSUBISHI
SUBARU
SUZUKI
TOYOTA

JASX 39 C
028531-5050

4-JAS 39

 Gerilim / Voltage
(Volt)

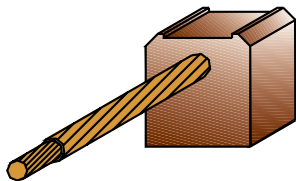
12

 Ölçü / Dimension
(mm)

6,5x8x10

128000 2520, 2631, 2800, 2820, 2980, 3090, 3530, 4060
4230

MAZDA
SUZUKI
FRONTE, ALTO
CARRY
PEUGEOT 106
RENAULT 19
CITROEN

JASX 52
028099-6180

ND 0521
4-JAS 52

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6.5x13x14

1280005210, 5211, 5680, 5682, 6210, 6420, 6720, 6721
7122, 7400, 7713, 8530, 8784, 8890, 9190, 9380
4280001590
28142-87204-000
8-94377-262-0
8-94367-795-0
028099-6180
31131-51A10
28142-70020

TOYOTA
DAIHATSU
ISUZU
MAZDA
SUZUKI

Takım Sipariş Kodu / Set Order Code

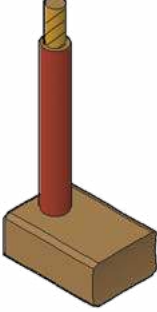
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 53

028510-0760



2-JAS 53

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

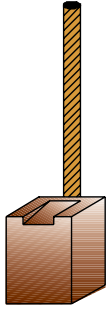
7,5x13x18

28140-87703-000
31231-679-014
5-81119-004-0
8-94135-730-0
49243-6002
31131-79010
31173-79010
028000-8460, 9181, 9182, 9202, 9203, 9210, 9221

DAIHATSU
HONDA
ISUZU
SUBARU
SUZUKI

JASX 63

28531-0380
28531-0480
28531-0490



4-JAS 63

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

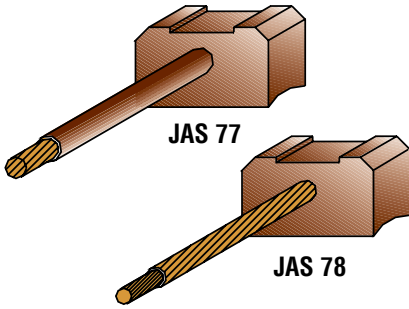
7x12x16

0280004042, 4500, 4700, 0900
28142-25011/87502
31211-657-006/31231-679-004
28142-25011

TOYOTA
HONDA
DAIHATSU

JASX 77-78

028099-3550



ND 7781

2-JAS 77
2-JAS 78Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

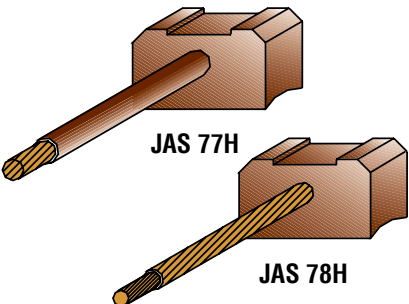
8x25x15

0280007000, 7001, 7370, 7373, 7740, 7790, 7791, 8130
8760, 8762, 9830, 0040
1280000570, 0832, 0960, 1040, 3101, 3250, 3260, 3420
5350, 5760, 7382, 9560, 9592
2280000200, 391
28140-54070-000
28140-64040-000
28140-87706-000
5-81116-040-0
5-81118-021-0
8-94167-430-0
028510-0640
RE01-24-750
28140-54070
28140-64040

TOYOTA CROWN DIESEL
ISUZU
KOMATSU
MAZDA
DAIHATSU

JASX 77-78 H

028510-0640

2-JAS 77 H
2-JAS 78 HGerilim / Voltage
(Volt)

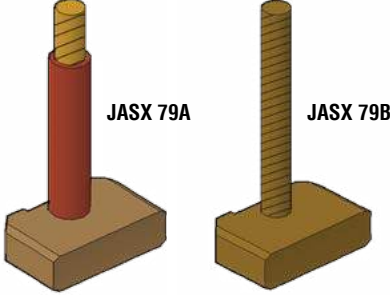
24

Ölçü / Dimension
(mm)

8x25x15

0280007000, 7001, 7370, 7373, 7740, 7790, 7791, 8130
8760, 8762, 9830
1280000040, 0570, 0832, 0960, 1040, 3101, 3250, 3260
3420, 5350, 5760, 7382, 9560, 9592
2280000200, 2280000391

MAZDA MİNİBUS / VAN
KAMYONET / PICKUP
ISUZU NCR
DAIHATSU
KOMATSU

Takım Sipariş Kodu / Set Order Code
JASX 79
**0-23740-0200
0210**

**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
ND 0791

228000-304326,304408

1.8/2.0 kW

8-94178-053-0, 054-0

8-94437-920-0, 921-0

**2-JAS 79A
2-JAS 79B**

25-39192-00, 25-39291-00, 25-39316-00, 126895A1,

4763794, 31200-P5G-003, 31200-P5G-0032,

31200-P5G-003RM, 1383240, 8504304, 18508-6530, 15425-

63014, 15425-63015, 15425-63016, 19460-63011,

19460-63012, 19460-63013, 1G911-63012,

1G911-630121, 28100-50060,

28100-50060-84, 28100-50061, 28100-50062, 28100-50070,

28100-50100, 28100-50100-84, 28100-50101, 28100-50101-

84, 28100-5010184, 28100-66060, 18508-6530, 3502221,

28100-31050, 28100-31050-84, 28100-50070, 28100-50070-

84, 28100-50100, 28100-50100-84, 28100-50101, 28100-

50101-84, 28100-62030, 28100-62030-84, 28100-66050,

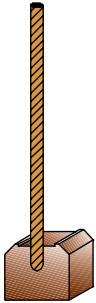
28100-66060, 28100-75110, 28100-75140, 28100-75140-84

Gerilim / 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

0280004000, 4020, 4200, 4243, 4340, 4510, 4730, 4940, 4990

28140-34030

28140-87701-000

28140-87704-000

28140-87710-000

31208-657-0040

31208-657-300

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x16x14

31208-PH7-661

31208-PR4-0030

02851-00441,-00590

21170-53608

23378-AA040,-AA050

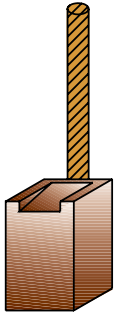
49243-7212,-7302,-7502

28140-34030,-64130,-65020

28140-74010,-74020,-74070,-76070

28142-34030

TOYOTA
CORONA
COROLLA
CARINA
CAMMRY
CELICA
ACCORD

HONDA
DAIHATSU
JASX 85
**28140-15010
28531-0680**

ND 0851

0280005335, 6494, 6520, 6813, 6822, 6823, 7092, 7093

7100, 7280, 7290, 7330, 7331, 7332, 7440, 7460

7461, 7470, 7520, 7521, 7580, 7581, 7981, 8040

9010, 9490, 9500, 9501, 9900, 9901

1280000351, 1200, 1610, 1620, 1621, 1861, 1862, 2050

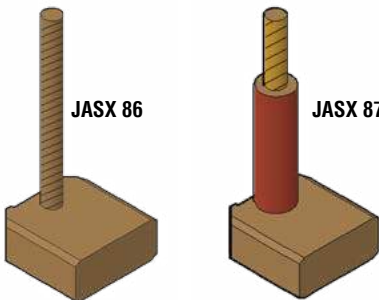
2430, 2431, 2540, 2861, 5240, 6240, 8130

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6.5x10x16
TOYOTA
FORKLIFT

JASX 86-87
028510-0750

**2-JAS 86
2-JAS 87**

28140-15090

31208-PC2-661

28140-15090

028000-8220, 8432

Replacing : 028099-3950

Servicing : 028000-5730, 028000-8980, 028000-9380,

028000-9510, 028000-9800, 128000-0050, 128000-0111,

128000-0170, 128000-0171

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

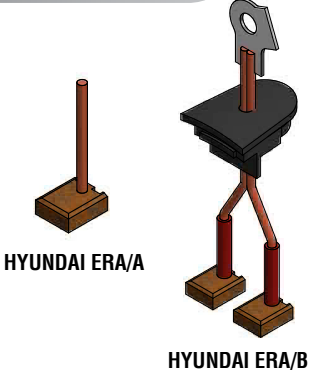
7x16x16
DAIHATSU
HONDA
ACCORD
INTEGRA
TOYOTA
COROLLA

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

HYUNDAI ERA

ND 2011

2-H.ERA/A
1-H.ERA/BGerilim / Voltage
(Volt)

12

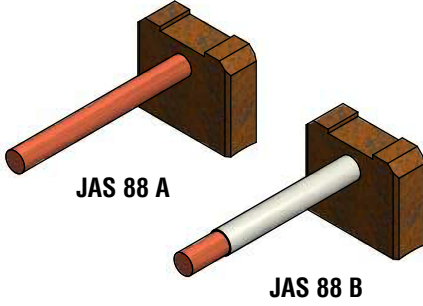
Ölçü / Dimension
(mm)

5x10,6x12,5

GSL36100-03100

HYUNDAI ACCENT, İ10,
İ20, İ30**JASX 88**

28531-0632



ND 0881

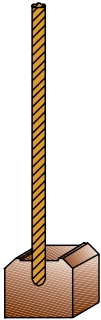
2-JAS 88 A
2-JAS 88 BGerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8x25x21

0280005510, 5530, 5550, 5560, 5832, 5833, 5840, 5850
5860, 5862, 6010, 6022, 6290, 6310, 6340, 6460
6870, 6880, 6891, 6950, 7240, 7241, 7451, 7810
8070, 8500
1280000550, 1570, 1571, 1700, 1760, 1790, 2930, 3080
3512, 6170, 6171, 6830, 6920, 7280, 7281, 7282
7920, 7921, 7922, 8620, 9580, 9581
2810064080

HINO
ISUZU
MITSUBISHI
TOYOTA**JASX 89**028099-3430,3950
028510-0460,0660
028531-0720,0730

4-JAS 89

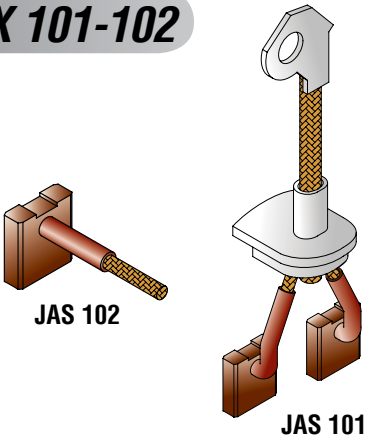
Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x16x14

0280002060, 4343, 5060, 5821, 5822, 5911, 5912, 6000
6030, 6140, 6260, 6261, 6701, 7190, 7321, 8000
8570, 8620, 8980, 9070, 9121, 9260, 9510, 9720
9860
128000 0120, 0220, 0280, 0620, 0622, 0710, 0720, 0740
1151, 1220, 1230, 1260, 1370, 1440, 1441, 2040
2060, 2130, 2210, 2830, 3340, 3380, 3381, 3470
3480, 3481, 3710, 4420, 4840, 5080, 5630, 5700
5780, 5781, 5840, 5941, 5951, 5952, 6300, 6780
6870, 7190, 7200, 7390, 7500, 8070, 8200

TOYOTA
CORONA
COROLLA
CARINA
CELICAHONDA
ISUZU**JASX 101-102**

ND 1021

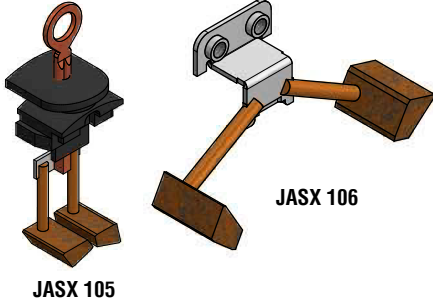
1-JAS 101
2-JAS 102Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4.5x14x10.5

Denso 428000-0670,-0680 - 0700,-1640,-1750

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
JASX 105-106
YENİ - NEW

ND 1061

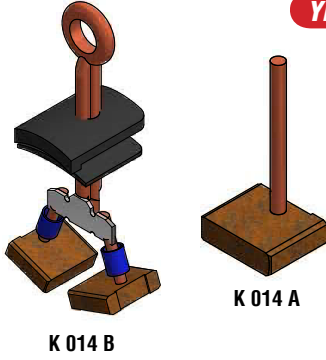
228000-9900, 228000-9901, 228000-9902, 428000-0150,
428000-0151, 428000-0152, 428000-1080, 428000-3090,

**TOYOTA
LEXUS**
**2-JAS 105
2-JAS 106**

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4,5/7X8,5X16
K 014
YENİ - NEW

ND 0141

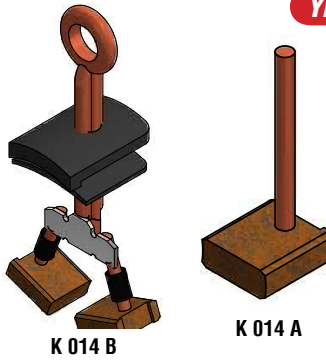
428000-5510, 428000-5511, DSN967

M.BENZ
**2-K 014A
2-K 014B**

Gerilim / Voltage
(Volt)

12

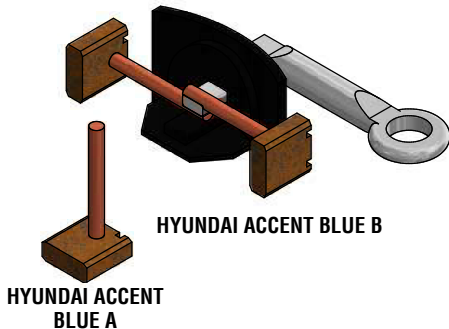
Ölçü / Dimension
(mm)

4,5X19X16
K 015
YENİ - NEW

ND 0151
TOYOTA
**2-K 015A
2-K 015B**

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4,5X14X16
HYUNDAI ACCENT BLUE
YENİ - NEW

ND 2012
**HYUNDAI
KIA**
**2-HYUNDAI
ACCENT BLUE A
1-HYUNDAI
ACCENT BLUE B**

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

5X13X12

Takım Sipariş Kodu / Set Order Code

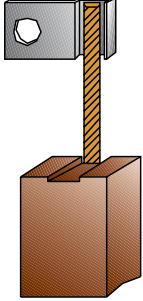
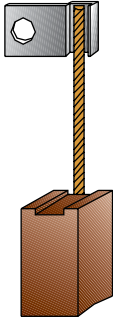
Özellikler
Properties

Motor Numarası / Unit No.

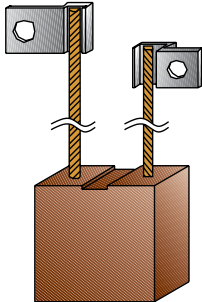
Araç Modeli/Vehicle Model

PLSX 1

133-4 061

**2-PLS 1**Gerilim / Voltage
(Volt)**6/12**Ölçü / Dimension
(mm)**7x16x22**1043-047/6, 162-10-08/12,
409-8041-00/22, 10-200-4009**SKODA****PLSX 3**110-904 300,
02-8480-82**4-PLS 3**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8x12x22**443115142071, 443115142110, 443115142112,
443115142350**SKODA****PLSX 4**

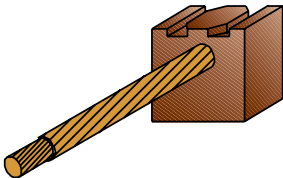
93-22-32

**4-PLS 4**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8,8x26,6x26**

443 115 144 44, 443 115 144 722

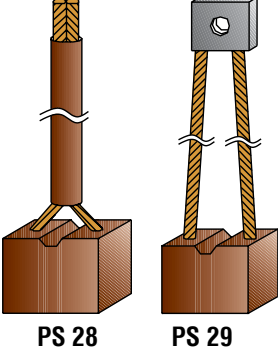
SKODA**PLSX 5**

344 112 021

**4-PLS 5**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6x12,5x12,5**

443 115 141 310/311

SKODA FELICIA
FAVORIT, FABIA

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**

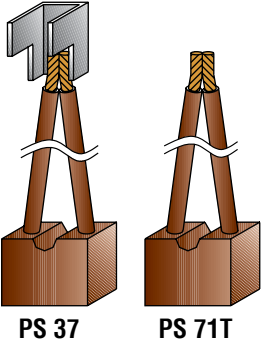
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x18x14

D11 B30

**CITROEN
PERKINS
IHC
MASSEY FERGUSON**
PSX 37-71T
75592

**1-PS 37
1-PS 71**

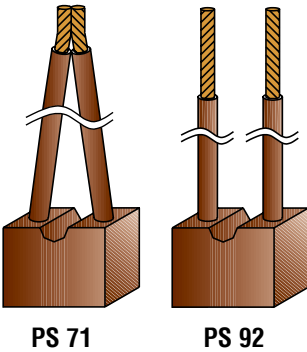
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x18x14

 DBL25, E50, 54, 70, 86, 94, 97
D11E140

**CITROEN
PERKINS
IHC
MASSEY FERGUSON**
PSX 71-92
73829

**1-PS 71
1-PS 92**

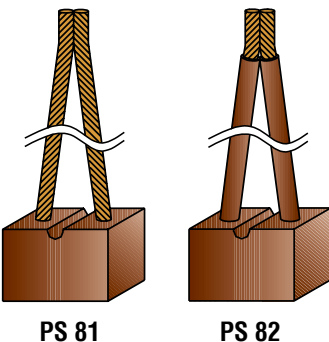
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x18x14

 D8E21, 22, 27, 30, 31, 37, 41, 43, 49, 50, 54,
D8E57, 58, 60, 63, 64, 66, 68, 70, 76, 86, 94,
D8E96, 97, 98, 104, 106

**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, T, 104, 117, 119T, 121, 127, 129, T, 137,
141, 146, 153, 153T, 154, 155, 169, 173, 176,
178, 202

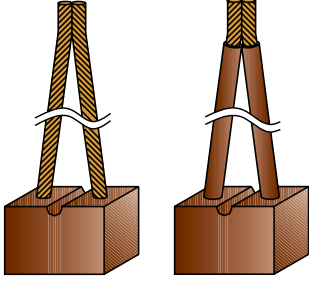
**PEUGEOT
RENAULT**

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

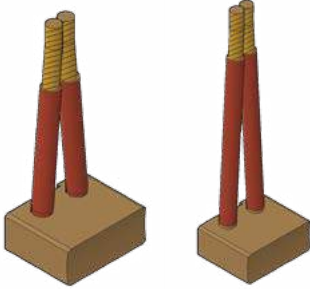
PSX 83-8471 630F
182 132
182 145

PS 83

PS 84

2-PS 83
2-PS 84Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**10x25x17**D11E81, T, 88, 89, T, TE, 90, T, 98, T, TE, 99, T, 103, 114,
122, T, 124, 125, 128, T, 130, 138T, 149
D13E63, T, 64-66, T, 69, T, 70, T, 71, 73, TE 74, TE, 81, T,
TE, 82 T, 83-85, 88, 90 TE, 95,
100 TE, 101 TE, 104 TE, 105, 108 TE, 111, 112, 116**VOLVO**
RENAULT**PSX 89-90**

594286



PS 89

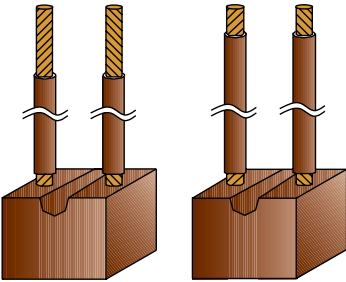
PS 90

2-PS 89
2-PS 90Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**10x25x20**

D13HP601,605,607, 608,609,613

DAF
SCANIA**PSX 98-99**

75 707P

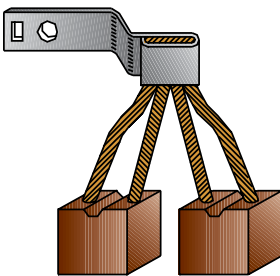


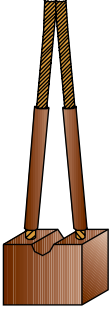
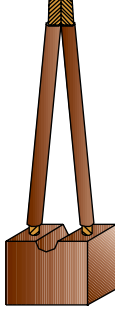
PS 98

PS 99

2-PS 98
2-PS 99Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**10x18x14**

D11E126, 135, 148, 156, 161, 184, 188, 191, 192, 195

PEUGEOT
KAMYON / TRUCK
RENAULT**PSX 112**78 900U
182 146**4-PS 112**Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**10x18x17**D13E76, 77, 86TE, 87TE, 93TE, 94TE, 96TE, 98TE,
107TE, 109TE, 110TE**CATERPILLAR**
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**

PS 115

PS 116
**1-PS 115
1-PS 116**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x18x14

D8E21, 22, L25, E27, 30, 31, 37, 41, 43, 49, 50, 54, 58-60
64, 66, 70, 71, 75-78, 81-84, 86-89, 94-98, 102,
104, 106, 108, 109, 112-115, 117-126, 129, 132
134 136, 137, 139, 140, 142, 144, 147, 151, 152,
158
D9E7, 9, 11, 12, 14-22, 26-28, 34, 35, 37, 41
D10E43, 48-50, 53, 54, 57, 63-65, 69, 76, 80, 84, 86

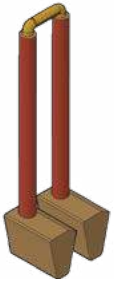
**PEUGEOT
RENAULT**
PSX 119-120
**182 070
182 072**

PSX 119

PSX 120
**1-PS 119
1-PS 120**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x15x14

D8E26,29,34,L35,E40,44-46,51,52,62,
65,L65,67,73,E74,L80,90-93,E99,103
107,111,116,130,131,141,148,154

CITROEN BX
C15
VISA
PEUGEOT 205
RENAULT 14

PSX 122-123-124
182 073

PSX 122

PSX 123

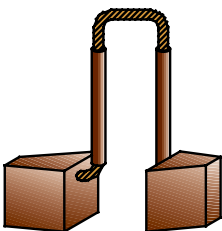
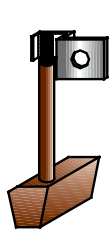
PSX 124
**1-PS 122
1-PS 123
1-PS 124**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
**9,7/
4,2x12,4x15**

D8E145,153,155,157

ALFA ROMEO 75
90

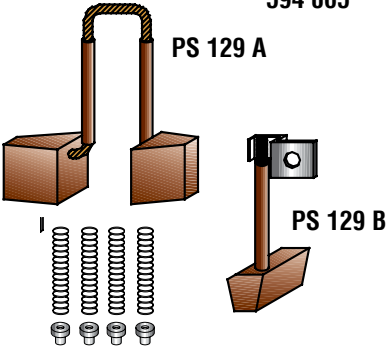
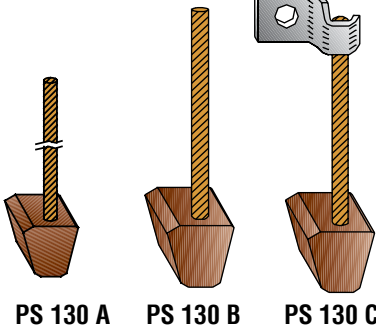
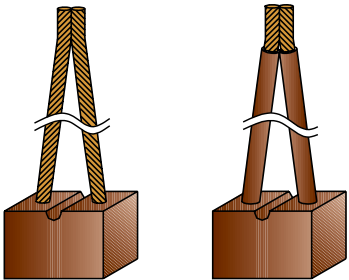
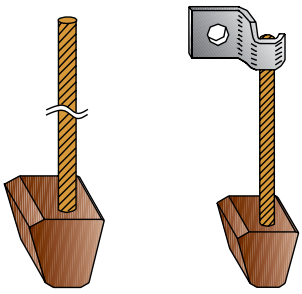
VW GOLF
SCIROCCO

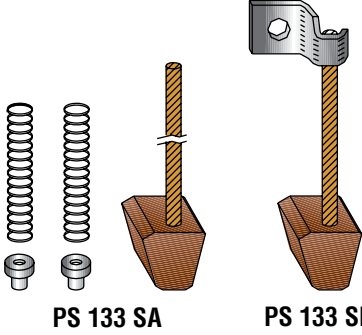
CITROEN GS

PSX 129
**92 878G
182 065
594 065**

PS 129 A

PS 129 B
VA 1291
**1-PS 129 A
2-PS 129 B**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
10,6/6,1x10,3x15

D9E31, 40, 43-46, 49-55, 62, 74, 75, 77, 79, 85,
87, 95, 98, 100, 102, 104, 111, 131, 138, 140,
200, 238, 300, 771-774, 776, 851, 852

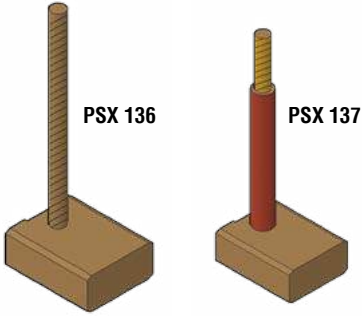
RENAULT 9, 11, 19, 21
CLIO, MEGANE
VOLKSWAGEN TRANSPORTER
JETTA
PASSAT

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, 40, 43-46, 49-55, 62, 74, 75, 77, 79, 85, 87, 95, 98, 100, 102, 104, 111, 131, 138, 140, 200, 238, 300, 771-774, 776, 851, 852	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, 156, 161, 172, 177, 184, 187, 188, 191, 192, 195, 272	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, 38, 39, 48, 56, 57, 61, 64, 66, 68-70, 76, 78, 81-83, 86, 92-94, 101, 107-110, 113, 114, 123-125, 127, 129, 132, 136, 137, 237, 276, 278, 701, 702, 861	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**
**1-PS 133 A
1-PS 133 B**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
13,9/6,9x12x15
Motor Numarası / Unit No.

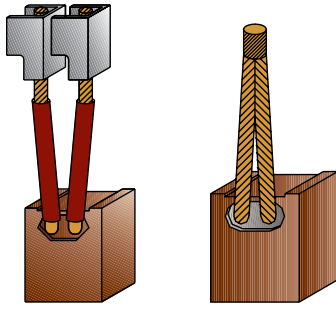
D9E36, 38, 39, 48, 56, 57, 61, 64, 66, 68-70, 76, 78, 81-83,
86, 92-94, 101, 107-110, 113, 114, 123-125, 127,
129, 132, 136, 137, 237, 276, 278, 701, 702, 862

Araç Modeli/Vehicle Model
RENAULT 9 GTC, GTE
BROADWAY

PSX 136-137
**300 841H
300 842**

PSX 136
PSX 137
**2-PS 136
2-PS 137**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x15x18,5

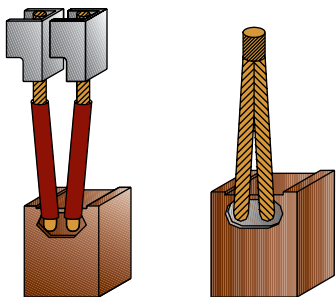
D10E85,87-90,92,881,882,921,922

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

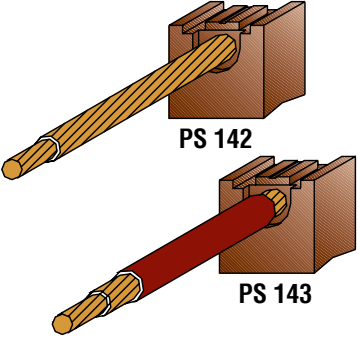
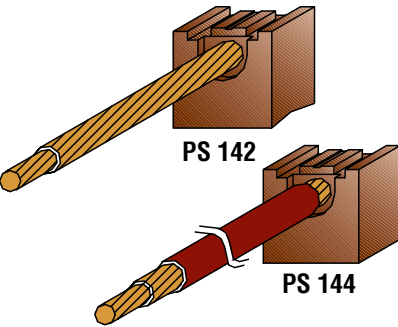
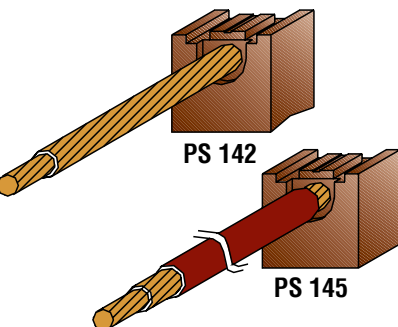
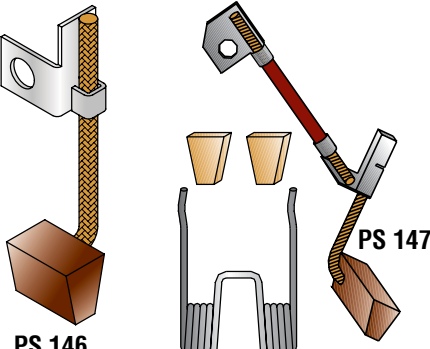
D9R84
D9R121

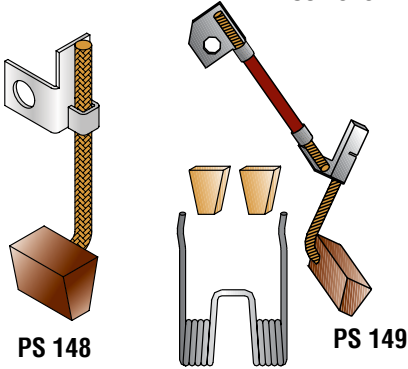
CITROEN BERLINGO
JUMPER
XSARA
PEUGEOT 205, 305
306, 307
405, 406
407, J5
SUZUKI PARTNER
VITARA

PSX 140-141
182 051

PS 140
PS 141
**2-PS 140
2-PS 141**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
9x18x22

D9R73, 89-91, 96, 99, 105, 106, 118, 122, 126,
D9R135, 139, 142

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 	2-PS 142 2-PS 143 Gerilim / Voltage (Volt) 12 Ölçü / Dimension (mm) 7x14x13,7	D7RS131, -31, D7RS130, -30, D7RS129, -29 RE501680, RE501693, RE502156, RE502196, RE60641, RE63010, SE501861	HYUNDAI STAREX PEUGEOT CITROEN
PSX 142-144 187 778 187 779 	VA 1441 VA 1442 VA 1443 VA 1444 2-PS 142 2-PS 144 Gerilim / Voltage (Volt) 12 Ölçü / Dimension (mm) 7x14x13,7	D7R5, 11, 15 D7R123, -19, -28, -281, -43, -46 D7R13, -18, -25, -35, -5 D7R1, -11, -3, -45 D7R12, -20, -27, -4 D7R22 D7R33 D7R48 D7R16 RE501680, RE501693, RE502156, RE502196, RE60641, RE63010, SE501861	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 	2-PS 142 2-PS 145 Gerilim / Voltage (Volt) 12 Ölçü / Dimension (mm) 7x14x13,7	D7R VW	VOLKSWAGEN
PSX 146-147 594 064 594 072 	1-PS 146 1-PS 147 Gerilim / Voltage (Volt) 12 Ölçü / Dimension (mm) 4,5/9x11x14	184030, 184205 D6RA8,10	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**

**VA 1480
VA 1491**
**1-PS 148
1-PS 149**

 Gerilim / Voltage
(Volt)

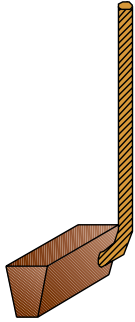
12

 Ölçü / Dimension
(mm)

4,5/9x11x18

 182505, 551
183199, 212
184413, 470, 471
185310, 874

PEUGEOT KARSAN
BOXER
PARTNER
RENAULT MEGANE
CABRIOLET
SCENIC
COUPE

PSX 148-149/0
594 063

VA 1572
**1-PS 148/0
1-PS 149/0**

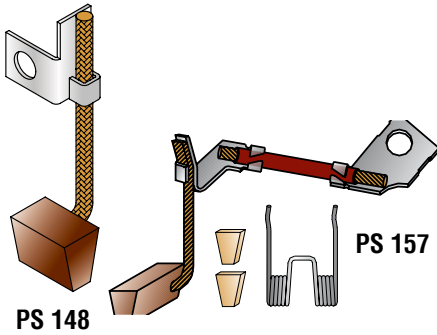
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

4,5/9x11x18

 D6RA12, D6RA13, D6RA16, D6RA17, D6RA18, D6RA19
D6RA20, D6RA21, D6RA22, D6RA23, D6RA27, D6RA29
D6RA30, D6RA32, D6RA33, D6RA34, D6RA37, D6RA38
D6RA40, D6RA45, D6RA48, D6RA5, D6RA6, D6RA61
D6RA661

**VOLKSWAGEN
PEUGEOT**
PSX 148-157
**594 063,127,254
594 129,130,253**

**VA 1480
VA 1571**
**1-PS 148
1-PS 157**

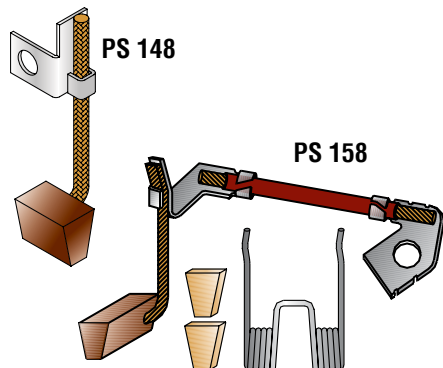
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

4,5/9x11x18

 183450, 940
184231, 348, 456, 457, 550, 646, 727, 880, 881,
185243-246, 597, 690, 722, 740-742, 758, 850
186045, 140, 214, 215, 269, 276, 424, 441, 442,
476, 625, 626, 708, 887
187027, 259, 332, 515
188339
D6RA7, 13, 15, 17, 19, 21-23, 25-30, 32, 34, 39-44,
46, 48-50
D6RA52-56, 59, 60, 62, 63, 66, 70, 72, 75, 141, 161,
661, 721

OPEL ASTRA
CORSA
VOLVO
RENAULT
PSX 148-158
**594 169-386
594 132-385**

**VA 1480
VA 1581**
**1-PS 148
1-PS 158**

 Gerilim / Voltage
(Volt)

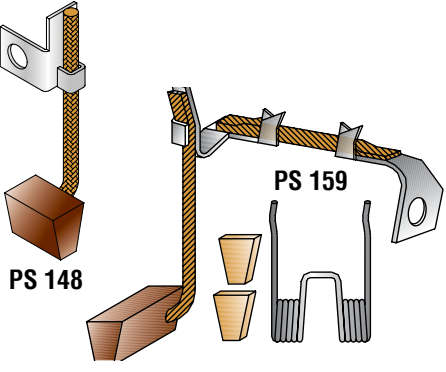
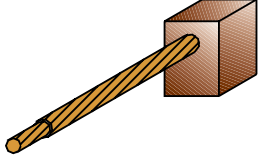
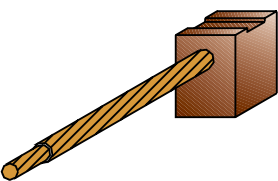
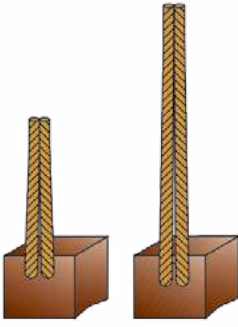
12

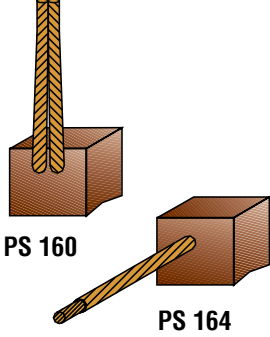
 Ölçü / Dimension
(mm)

4,5/9x11x18

 182549
185547, 722
186060, 502, 848, 886
187026
188401, 564
190549
D6 RA33, 37 47, 51, 57, ?, 133, 571

RENAULT MEGANE D

Takım Sipariş Kodu / Set Order Code	Özellikler Properties	Motor Numarası / Unit No.	Araç Modeli/Vehicle Model
PSX 148-159 594 317,360 594 318,323,359,364 	VA 1480 VA 1591 1-PS 148 1-PS 159 Gerilim / Voltage (Volt) 12 Ölçü / Dimension (mm) 4,5/9x11x18	1875047, 507, 509 188102, 103, 652-654 190652 D6 RA67, 78-81, 91, 167, 180, 181	OPEL RENAULT
PSX 155 594 351 	VA 1551 4-PS 155 Gerilim / Voltage (Volt) 12 Ölçü / Dimension (mm) 6,4x8x11	187682 188063, 329, 707 190080, 166, 167, 227, 229 D7E4, 6, 8, 15, 18-20, 22, 27 D7ED28	RENAULT 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	188279, 190172, 190396 D7ES2, 4, 5	PEUGEOT VOLKSWAGEN
PSX 160-163 190 986,191 060 191 821,191 823 	2-PS 160 2-PS 163 Gerilim / Voltage (Volt) 12 Ölçü / Dimension (mm) 7x13x11,5	190365 D7G 3, 4, 6	AUDI 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**

VA 1641
**2-PS 160
2-PS 164**

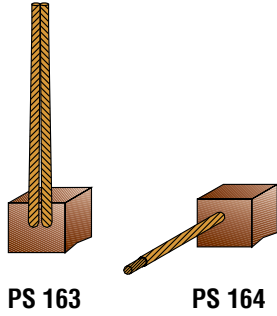
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x13x10,8

 190365
D7G 3, 4, 6
23300-00QAF
7711134330, 7711134931, 8200106788, 8200634602

AUDI
BMW
RENAULT MASTER
PSA
OPEL MOVANO
NISSAN, INFINITI
RENAULT
PSX 163-164
**190 987
191 824**

VA 1642
**2-PS 163
2-PS 164**

 Gerilim / Voltage
(Volt)

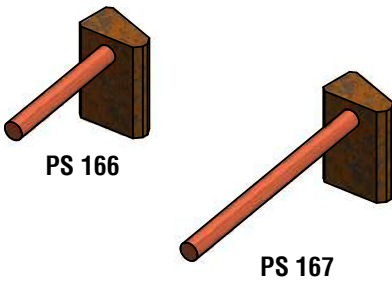
12

 Ölçü / Dimension
(mm)

7x13x10,8

 D7G
SIH

VOLKSVAGEN
CADDY
TRANSPORTER T.5

PSX 166-167
**191 849
191 771**

**VA 1671
VA 1672**
**2-PS 166
2-PS 167**

 Gerilim / Voltage
(Volt)

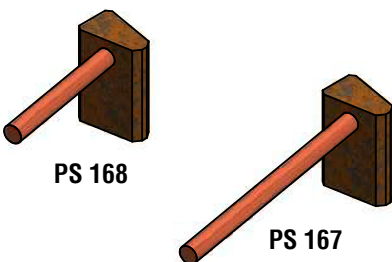
12

 Ölçü / Dimension
(mm)

3,9/6,4x10x15,5

D6G1, 2, 3, 5

BMW
MERCEDES
FIAT ALBEA MULTIJET
PEUGEOT 206, 307

PSX 168-167
**192 285
191 771**

**2-PS 168
2-PS 167**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

3,9/6,4x10x15,5

D6GSP19

VOLKSWAGEN
AUDI

Takım Sipariş Kodu / Set Order Code

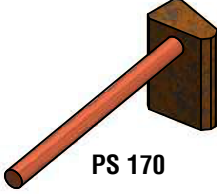
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

PSX 169-170191 772
191 773

PS 169



PS 170

2-PS 169
2-PS 170Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

3,9/6,4x10x15,5

D6GS11-13

AUDI
SEATA3
IBIZA
LEON
TOLEDO

VOLKSWAGEN

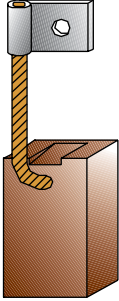
GOLF
JETTA
PASSAT
POLO
TOURAN
TRANSPORTER
OCTAVIA

SKODA

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

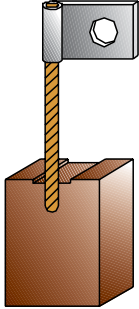
 Gerilim / Voltage
(Volt)

6/12

 Ölçü / Dimension
(mm)

6x14x23,5

 0 101 206 037
352 005, 008
354 023
355 040
1 004 320 016

**OPEL
BMW
FORD
SKODA**
BX 59
1 107 014 125

2-B 59

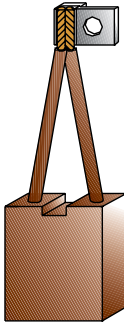
 Gerilim / Voltage
(Volt)

6

 Ölçü / Dimension
(mm)

6x14x19

 0 101 100 015
0 101 200 034
201 020-23, 25, 28
202 010, 16, 22, 23
203 002, 03, 05-09
204 014
205 009-12, 14, 16, 19
206 007, 09, 13, 14, 18, 24-27, 29, 30, 32-35, 37, 38, 43
044, 47, 50, 52-54, 57-68, 070-76, 79, 81-84, 86-91
096, 98-110, 113, 115-117, 119, 120, 122, 123, 125
132-141, 145-152, 157,
207 005, 09-11, 13-15, 18
208 002, 03, 05, 07-11
209 002, 03, 07-09, 14, 18, 21-23, 25-29, 31, 33, 36-41
43-47, 60, 64, 65, 67-69
352 005, 08
354 023
355 040
0 136 200 007

FORD TAUNUS
TRANSIT
OPEL
BX 67
1 107 014 116

2-B 67

 Gerilim / Voltage
(Volt)

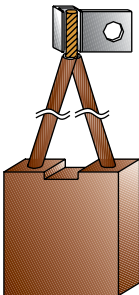
12/24

 Ölçü / Dimension
(mm)

6x22x22,5

 0 101 353 005, 012, 014, 022, 025, 029, 037
0 101 401 010, 015
0 101 402 001, 002, 008, 028, 031, 043, 047, 049
050, 055-057, 060, 064, 067, 071, 072
076, 078, 086, 090, 106
0 101 404 016, 019, 020, 023, 026

**MAN
MERCEDES
STEYR** 300

BX 68
1 107 014 118

4-B 68

 Gerilim / Voltage
(Volt)

12/24

 Ölçü / Dimension
(mm)

6x28x30,5

 0 101 206 135, 157
0 101 209 031, 033, 037, 041
0 101 500 001, 5, 6, 15, 18, 21, 23, 27
0 101 501 001, 2, 9, 15, 21, 27-29, 36, 39, 51, 55, 62-66
0 101 502 001
0 101 206 151
0 101 500 006, 11, 13, 25, 27, 29
2 104 320 107

**VOLVO
BÜSSING
SCANIA** VABIS 600

Takım Sipariş Kodu / Set Order Code

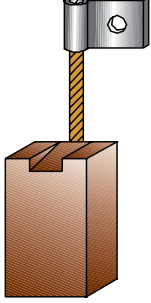
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BX 147

2 017 014 100
2 017 014 105



4-B 147

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

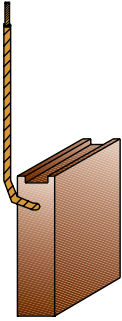
6x14x23,5

0 010 300 001-4, 6, 13, 100, 101
0 010 350 003-7, 9, 11-20, 100-106
0 101 350 004
0 136 351 006

**TRABANT
MOTO GUZZI**

BX 151

1 127 014 000



2-B 151

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

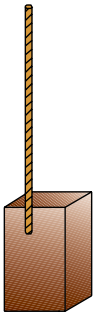
10x5x18

0 120 400 507, 10, 17, 19, 22-24, 26, 29-31
533-37, 40

**MAN
MAGIRUS**

BX 162

1 127 014 001



2-B 162

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

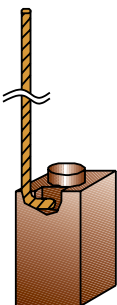
10x5x17

0 120 400 600-6, 8, 9, 11, 14, 15, 20-31, 34
635, 37, 43, 44, 47-50, 52-63, 71
672, 75, 77-82, 86, 87, 92, 93
700, 2, 3, 9-14, 16, 17, 19, 21
726-31, 36, 52, 53, 56, 57, 64, 65
765-77, 86, 87, 89, 92-95
800, 1, 2, 23, 47, 48, 70, 71, 93-96
920, 34, 40

**ALFA ROMEO
AUDI
BMW
MERCEDES
FORD
VOLVO KAMYON/TRUCK**

BX 172

1 127 014 011



2-B 172

Gerilim / Voltage
(Volt)

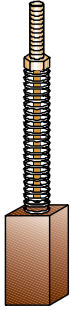
12

Ölçü / Dimension
(mm)

8x5x15,5

0 120 300 510...592
0 120 339 539,
0 120 400 669, 70
0 120 400 704-07...
0 120 400 806-11...926-43
0 120 450 003, 4, 7
0 120 489 059...999
9 120 143 000-003...34
9 120 143 201-4, 18, 22, 23, 25
9 120 144 002...040
9 120 144 218...298
9 120 144 303, 11

**AUDI
BMW
MERCEDES
J.DEERE
FORD
MAGIRUS
VOLVO KAMYON/TRUCK**

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
BX 175
**2 127 014 003
2 127 014 005**

2-B 175

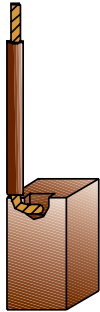
0 120 600 515, 21, 25, 27, 38-40, 43, 44, 54
554, 58-71, 73-81
0 121 600 503, 7, 9, 11-16, 18-20

MERCEDES 302

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

10x5x22
BX 185
1 127 014 011

2-B 185

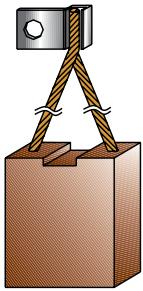
0 120 300 510...592
0 120 339 539
0 120 400 669...843
0 120 450 003, 4, 7
0 120 489 059...999
9 120 143 000-003...225
9 120 144 002...040
9 120 144 218-20...98
9 120 144 303, 11

**AUDI
BMW
MERCEDES
J. DEERE
FORD
MAGIRUS
VOLVO KAMYON/TRUCK**

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8x5x15,5
BX 192
2 107 014 012

4-B 192

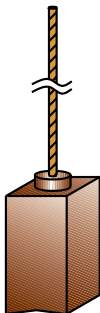
0 101 209 060, 65, 68
301 010
302 022, 25, 27, 29, 35, 39, 44, 56, 84, 105, 111
0 101 601 003, 5 21, 22, 24, 73, 92, 93, 96, 98, 100
102-104, 106, 114, 116, 118-120, 122, 126
128, 130, 140, 142, 148, 149, 160, 166, 168
171-179, 186, 189-191, 194, 195
0 101 690 004

**MAGIRUS
HENSCHEL OTOBÜS/BUS**

Gerilim / Voltage
(Volt)

12/24

Ölçü / Dimension
(mm)

8x28x33,5
BX 199
1 127 014 015

2-B 199

0 120 400 665
725, 60-63, 84
829
0 120 489 793, 94, 96
9 120 144 006-8, 101-5, 107, 109, 110

**FIAT
IVECO**

Gerilim / Voltage
(Volt)

12/24

Ölçü / Dimension
(mm)

8x5x15,5

Takım Sipariş Kodu / Set Order Code

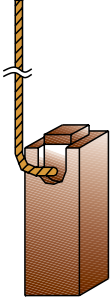
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BX 201

1 127 014 016



2-B 201

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

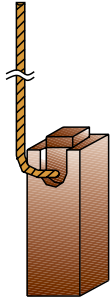
8x5x23,2

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)

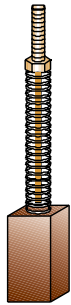
8x5x19,5

1 124 320 046/054
0 120 400 944, 45, 47-54
0 120 450 001, 2, 10-29
0 120 469 580, 691, 752, 53, 73, 850, 51
0 120 484 045, 46
0 120 489 034, 658, 709, 891, 900, 995
9 120 144 124, 125, 130, 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)

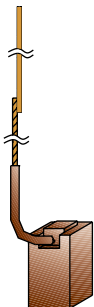
10x5x22

0 120 600 515, 21, 25, 27, 38-40, 43, 44, 54
554, 58-71, 73-81
0 121 600 503, 7, 9, 11-16, 18-20

**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)

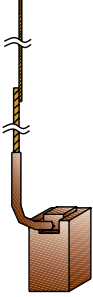
12

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
**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)

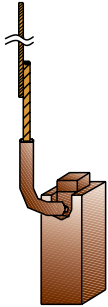
8x5x15,5

 0 120 339 502-506, 509-526, 527, 528, 531-538, 543-546
 400 938, 939, 941, 942
 450 009
 469 500-507...574
 489 001...888Z
 9 120 143 035, 036, 205-210, 212, 214, 215, 224, 227-229
 144 016...238
 334 140
 690 006, 007, 012-015, 020, 021, 025, 081, 082

MERCEDES

KAMYON / TRUCK

FIAT TRAKTÖR / TRACTOR

SAAB
J.DEER
MAN
BX 213
1 127 014 028

2-B 213

 Gerilim / Voltage
(Volt)

12/24

 Ölçü / Dimension
(mm)

6x4x17,5

 0 120 335 006-008, 010-012
 465 003, 004, 006-018, 020, 021, 023, 026-029, 031
 485 005-008...050
 0 123 100 001... 0 123 545 004
 0 124 515 503

VOLKSWAGEN

PASSAT, POLO

GOLF, SHARAN

VENTO CADDY

TRANSPORTER

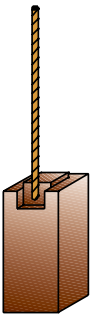
SEAT

TOLEDO

IBIZA, CORDOBA

OPEL

CORSA

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, 309, 475, 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
 689 502-08, 10-18, 20-28
 530-35, 38-41, 43, 45, 46
 548-53, 55, 57-59, 61, 63
 564, 67, 69, 71-77, 82-85

LEYLAND

KAMYON / TRUCK

MERCEDES

KAMYON / TRUCK

MAN

Takım Sipariş Kodu / Set Order Code

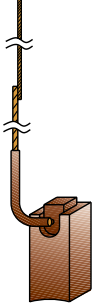
Özellikler
Properties

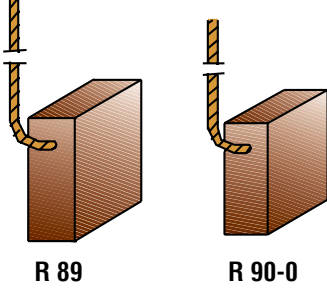
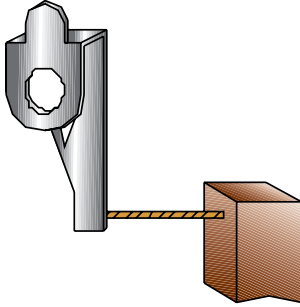
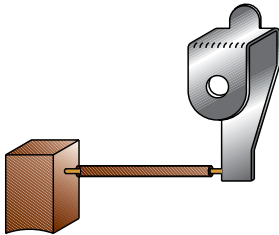
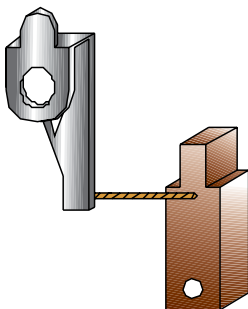
Motor Numarası / Unit No.

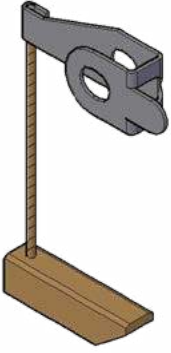
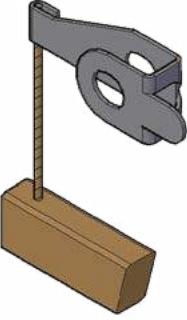
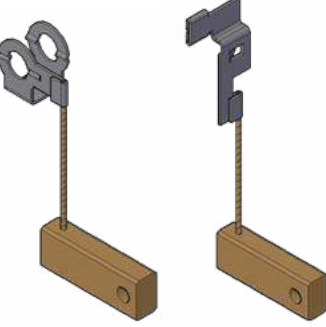
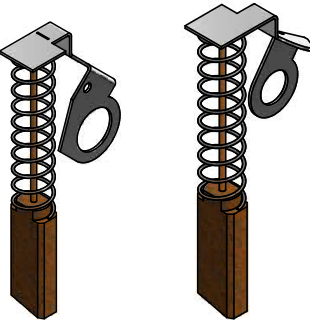
Araç Modeli/Vehicle Model

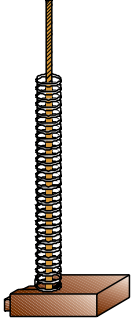
BX 219

1 127 014 031

**2-B 219**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8x5x17,5**0 120 469 847, 848
0 120 488 206, 294**BMW** 5, 6, 7
FIAT TEMPRA, TIPO
LANCIA DEDRA**BX 220****2-B 220**Gerilim / Voltage
(Volt)**12/24**Ölçü / Dimension
(mm)**6x4x17,5**0 124 215 001-006, 008
225 001...047
315 001-008, 010-016, 018-022, 024-027, 030
325 001...125
0 124 415 001, 002, 005-016, 023, 025, 026, 028, 030, 032, 033
425 004, 006, 009, 010, 019, 021, 022
515 001...121
525 001...058,
555 001-008, 012-016, 020, 024, 027, 035
615 002...035
625 005, 007, 018
655 001, 002, 004-008, 012, 013, 016
F 000 LD0 700**FIAT** PALIO

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
RX 89-90-0
1 958197

R 89
R 90-0
**1-R 89/0
1-R 90/0**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
8x5x13,2
1100600-68
CHEVROLET
RX 103
1 971 521

2-R 103
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
8x5x13,2
10 SI, 27SI
**OPEL
PONTIAC
CHEVROLET**
RX 103F
DR 702

2-R 103 F
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
8x5x13,2
**34 72 002, 4, 8, 14, 18, 22-24, 26-28, 32, 33
035, 37, 38, 42, 48-53, 57-62, 65-68**
OPEL
RX 106
187 6873

2-R106
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
8x5x24
27 SI 200
CHEVROLET

Takım Sipariş Kodu / Set Order Code	Özellikler Properties	Motor Numarası / Unit No.	Araç Modeli/Vehicle Model
RX 117  1995564 10467935 1894564	2-R117 Gerilim / Voltage (Volt) 12/24 Ölçü / Dimension (mm) 6x5x22	10 SI 116,136 15 SI 116 1105586 1117839, 7880, 7885, 7886, 7887, 7890	CATERPILLAR FORD CUMMINS MACK VOLVO
RX 119 	2-R119 Gerilim / Voltage (Volt) 12 Ölçü / Dimension (mm) 8x5x21	15 SI - 17 SI all units	BUICK CHEVROLET GMC OLDSMOBILE PONTIAC CADILLAC
RX 132-133  RX 132 RX 133 1989661 1989660	1-R132 1-R133 Gerilim / Voltage (Volt) 12 Ölçü / Dimension (mm) 8x5x22,5	CS 121,130 1101196,1199,1551 3472171	OPEL CORSA KADETT VECTRA RECORD OMEGA RENAULT
RX 140-141  RX 140 RX 141	DR 1411 1-R140 1-R141 Gerilim / Voltage (Volt) 12 Ölçü / Dimension (mm) 8x4,5x22	CS 130D 10479214,15 10479981,84 10480052,71,187-190	OPEL CHEVROLET SAAB VAUXHALL

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
A 125
7 970 745/1

2-A 125

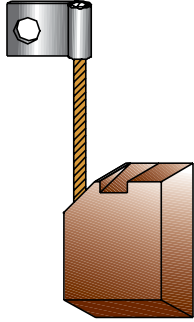
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7,2x4,2x17,5

 633 200 01-08, 10, 12, 13, 15-18, 20-32, 34, 35, 37, 40
42, 44-58, 60, 63, 73, 82, 83, 91, 94, 96, 97
201 00 02, 05, 10-14, 18, 19, 21, 22, 26-32
210 00 11, 13, 15-17, 19-25, 27-29, 31, 33, 35-37
39-42, 44-50, 52, 55, 56, 58-63, 67, 68, 70-73
77-80, 82-84, 86-88, 90, 91, 95-99
211 00 14, 16, 17, 23, 26, 29, 36-38, 41, 46, 49-59
61-63, 65, 67-76, 80, 81, 83, 88-91, 96-99

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)

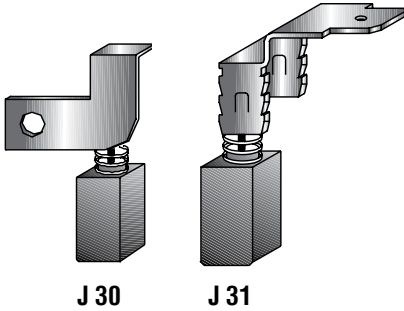
12

 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**

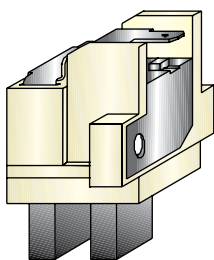
 Gerilim / Voltage
(Volt)

12/24

 Ölçü / Dimension
(mm)

8x5x16/14,5

 633 030 00, 01, 30, 41, 61
633 031 20, 30, 40, 50, 91
633 032 00, 13, 20, 22, 23, 40, 80, 82, 90
633 033 20, 31, 50, 60, 80, 91
633 034 00, 09, 20, 29
633 035 00, 20, 30, 50, 70
633 040 03, 20, 23, 40, 50, 75, 79, 81-83, 87, 90
633 041 00, 20
633 042 01, 21, 31
633 048 00, 30, 40, 70, 80, 90

CHRYSLER
FIAT
FORD
OTOYOL
IVECO
RENAULT
M. FERGUSON
SEAT
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/-42B/-42M/-42X/-47/-57B
A12M-124-24-26/-26D/-26M
A124-14V-44A/-60A
A124-28V-26A
633 030 00, 01, 30, 41, 61
633 031 20, 30, 40, 50, 91
633 032 00, 13, 20, 22, 23, 40, 80, 82, 90
633 033 20, 31, 50, 60, 80, 91
633 034 00, 09, 20, 29
633 035 00, 20, 30, 50, 70
633 040 03, 20, 23, 40, 50, 75, 79, 81-83, 87, 90
633 041 00, 20
633 042 01, 21, 31
633 048 00, 30, 40, 70, 80, 90

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 42

7970502.1
7970745.1



2-J 42

Gerilim / Voltage
(Volt)

12/24

Ölçü / Dimension
(mm)

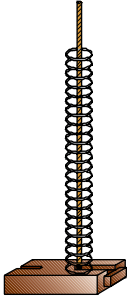
7,2x4,2x17/16,5

633 200 01-08, 10, 12, 13, 15-18, 20-32, 34, 35, 37, 40, 42
633 200 44-58, 60, 63, 73, 82, 83, 91, 94, 96, 97
633 201 00, 02, 05, 10-14, 18, 19, 21, 22, 26-32
633 210 00-11, 13, 15-17, 19-25, 27-29, 31, 33, 35-37
633 210 39-42, 44-50, 52, 55, 56, 58-63, 67, 68, 70-73
633 210 77-80, 82-84, 86-88, 90, 91, 95-99
633 211 00-14, 16, 17, 23, 26, 29, 36-38, 41, 46, 49-59
633 210 61-63, 65, 67-76, 80, 81, 83, 88-91, 96-99

FIAT PANDA
LANCIA

JX 43

542 029 06



2-J 43

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

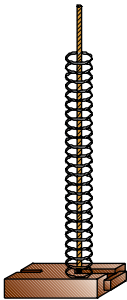
7x4x22/20

540 220, 221-226
540 227 06
632 212, 213 13, 97
632 214 05, 06, 12
633 241 45, 57, 58, 61, 88, 98, 99
633 242 00...
633 243 08...
633 244 00, 02-04, 06-09, 11, 18

FORD SIERRA

JX 44

836 225 20



2-J 44

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

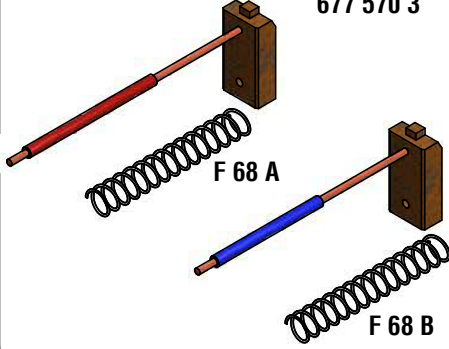
7x4x19/17,5

633 212 00, 04, 05, 33-35, 40, 52, 61, 70, 75-78, 80-83, 87, 92
633 213 00, 10, 11, 15, 16, 21, 28, 30-33, 40, 43-47, 49, 51-55,
61, 62, 67, 90, 91, 96, 98
633 214 01, 02, 18, 19, 23, 26, 31, 53, 61, 62, 65, 66, 73
633 216 00-13, 15-18, 20, 25, 26, 29-32, 40, 41, 55, 60, 61,
63, 71
633 412 40
633 413 21, 33, 43-47, 51-54
633 414 66
633 416 41, 71

FIAT
LANCIA

Takım Sipariş Kodu / Set Order Code
FX 67
**F1DU-10260-AA
F1DZ-10347-A**

**Özellikler
Properties**
2-F 67
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7,5x4x18
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
FORD RANGER
MONDEO
MAZDA B2500
LINCOLN MERCURY

FX 68
**502 680 6
677 569 9
677 570 3**

FO 0681
**1-F 68 A
1-F 68 B**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
8,2x4,5x17,3

1S7T1-10300-BA, BC, CB, CC, CD, DB, DC, DD
2S6T-10300-AA, FA
2T1U-10300-AF, AG, CA, CB
3S6T-10300-AA
TC10-10300-EA
YC1U-10300-EA

FORD CONNECT
FOCUS
FIESTA

Takım Sipariş Kodu / Set Order Code

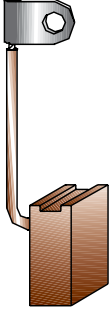
Özellikler
Properties

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, 2114-1360, 2114-23104, 2114-43101,
2114-99001, 2114-99008, GD302902-C, GD302902C,
GD312593-B, S108-34, S108-63, S114-140, S114-141,
S114-148, S114-149, S114-151, S114-151L, S114-155,
S114-160, S114-160A, S114-160B, S114-160C, S114-
160D, S114-160E, S114-160F, S114-160G, S114-161,
S114-161B, S114-161E, S114-161F, S114-162, S114-162A,
S114-162B, S114-162C, S114-162D, S114-163, S114-
163A, S114-163B, S114-163E, S114-163F, S114-164,
S114-164A, S114-164AR, S114-180, S114-180B, S114-
180D, S114-180E, S114-180F, S114-180G, S114-180M,
S114-181, S114-182, S114-182B, S114-182E, S114-182F,
S114-182G, S114-194, S114-207, S114-208, S114-208A,
S114-208B, S114-208C, S114-208E, S114-208F, S114-210,
S114-211, S114-213, S114-213A, S114-216, S114-219,
S114-226, S114-227

DATSUN
SUNNY
DAIHATSU

JAAX 19

L 123-1326
L 125-1326



2-JAA 19

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6x7x16,5

LR140701, LR145701, LR145701B, LR145701C,
LR145701E, LR145701F, LR150704, LR160702B,
LR160703B, LR160707, LR160708, LR160709, LR160710,
LR170701, LR170701B, LR170701E, LR170702,
LR170702B, LT12502, LT12505

NISSAN
DATSUN
SUNNY B10
BLUEBIRD
410, D. BUS
H20- PU
FORKLIFT

JAAX 20

L120-5326/-
5327



2-JAA 20

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

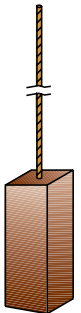
7x5x18/16,5

LR135105, 35106, 35107, 35115, 35116, 35121, 35126
35127, 3531, 3532, 3541B, 3558, 3574, 3586B, 3591
40128, 40132, 40133, 40408, 40415B, 45701, 45701E
50101B, 50125B, 50132, 50151, 50151B, 50401
50410CA, 50419B, 50421, 50423, 50428, 50430C
50431, 50432, 50434B, 50441, 50444B, 5098B, 5099
5516B, 5516P, 5520, 5523, 60104, 60121, 60124, 60138
60139, 60151, 60154, 60159, 60412, 60422B, 60427C
60427T, 6042B, 60440, 60441, 60708, 60710, 6082
6082B, 6084, 6084B, 6093, 65708, 65708B, 65708C
7002, 7010, 7021, 70402B, 70402C, 70402E, 70404B
70405, 70407T, 70411, 70412T, 70417C, 70419, 70419B
70420, 70420B, 70421, 70710B, 70738, 70738B
70738C, 70738E, 70744, 80705B, 80708, 80724, 90706
90707B, 90711
LR22026, 25403, 25407, 25408, 25408B, 2565B, 2565E
2565P, 35402

DATSUN
NISSAN

JAAX 32

L150-23251
23252



2-JAA 32

Gerilim / Voltage
(Volt)

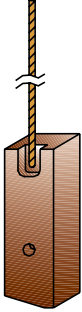
12

Ölçü / Dimension
(mm)

5x7x21,5/20,5

LR140119C, 40125C, 40402, 50133E, 50135E, 50136B
50136C, 50136E, 50147C, 50148C, 50162, 50193
50199, 50201, 50201B, 50202, 50204, 50205B
50206, 50211B, 50212, 50212B, 50218, 50402
50402C, 50410C, 50410F, 50428E, 50428T, 50430T
50439, 50439B, 5079H, 5098, 60107B, 60108B
60131, 60134B, 60135B, 60137, 60143B, 60144
60146B, 60147F, 60148F, 60152F, 60164, 60401
60401C, 60412B, 60414, 60417, 6067B, 6067E
6067H, 60715, 6092C, 6096B, 6096C, 65704, 65707
65707B, 7022, 70402, 70404, 70406, 70406B, 70406C
70407, 70407E, 70408, 70408C, 70408T, 70411B
70415B, 70415C, 70417B, 70422, 70422B, 70701B
70715, 70715B, 70734B
LR22586B, 3565S, 3580

ISUZU
MAZDA

Takım Sipariş Kodu / Set Order Code**JAAX 37****L170-2325
L170-4325****Özellikler
Properties****Motor Numarası / Unit No.****Araç Modeli/Vehicle Model****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**MAZDA
NISSAN**

Takım Sipariş Kodu / Set Order Code

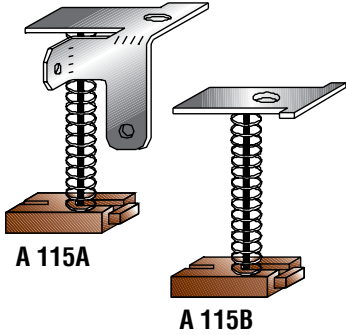
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

A 115

542 034 53
542 040 29



**1-A 115A
1-A 115B**

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

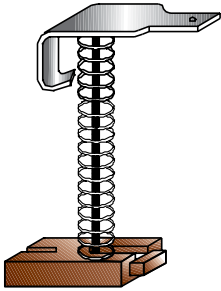
7x4x22/20

23983-86, 96-99
24020, 23-28, 34-38, 49, 51-54, 58, 59, 61-72, 79, 82, 83
85-90, 94-96, 98, 99
24112, 14-19, 28, 31-37, 44, 47, 49, 51, 53, 64-66, 70
77-85, 89-92
24204, 10, 11, 37

BMC LEYLAND, GENOTO
CHRYSLER TRAKTÖR/
TRACTOR
KAMYON/TRUCK
FORD TRANSIT KAMYONET
RENAULT
FIAT
TÜMÖSAN
LUCAS
TÜRK TRAKTÖR / TRACTOR
UNIVERSAL
TRACTÖR / TRACTOR
UZEL

A 127

542 029 06



2-A 127

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

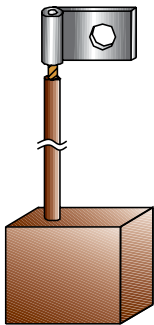
7x4x20

540 220 53, 54, 57, 58
221 30, 42, 47, 48, 60, 64, 67, 83, 86-88, 95-98
222 00, 12, 19, 24-28, 32, 34, 36, 38, 41-43, 51, 62, 64-66, 75, 80
81, 86, 90, 91, 95
223 01, 07, 10, 13, 14, 17, 18, 22, 23, 30, 35-37, 40, 42, 48, 49
53, 74, 75, 77-79, 82-85, 88-92, 94, 95, 97, 98
224 02, 08, 10, 15, 18-20, 25, 26, 28, 31, 32, 36, 37, 39, 45-47
50, 52, 58, 59, 74, 81, 83, 95
225 10, 14, 17, 25, 28-32, 36, 52, 54, 55, 60, 61, 64, 67, 70, 72
74, 75, 78, 80-86, 88-93, 95-99
226 00-04, 08, 11, 17, 21-39, 41, 43, 46-56, 62-65, 68, 69, 73-84
86, 87, 89, 90, 92-96, 98
227 06
633 241 45, 57, 58, 61, 88, 98, 99
242 00, 02, 05, 06, 08, 09, 16, 17, 20, 21, 30, 31, 33, 35, 40, 42, 45
56, 57, 60, 62, 64, 71, 73, 74, 76, 77, 86, 88-91, 93-96, 98, 99
243 08, 11, 16, 18, 22, 27, 32, 34, 38, 74, 80, 84, 85, 87, 90, 98, 99
244 00, 02-04, 06-09, 11, 18

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)

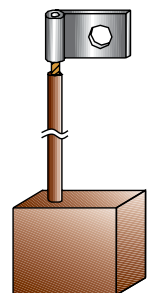
6,35x19,05x15,9

C39P, PV, V, ZV, XV

AUSTIN
BEDFORD
BMC
FORDSON
TRACTÖR / TRACTOR

LAX 23

227 541



2-LA 23

Gerilim / Voltage
(Volt)

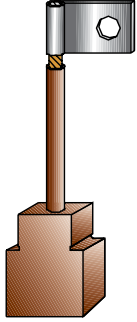
12

Ölçü / Dimension
(mm)

5,5x19,05x18,2

C40PV, -1
22700, 3-5, 13, 15, 16, 18, 19, 32, 33, 35, 42, 44, 47-49
55, 57, 63, 65-67, 71, 72, 75, 79, 80, 85-91

M.FERGUSON
COMMER
ANADOL

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
LAX 29
542 163 61

2-LA 29

 Gerilim / Voltage
(Volt)

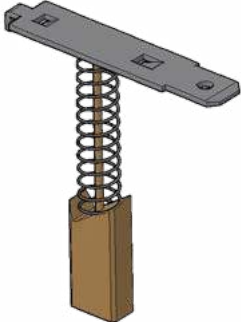
12

 Ölçü / Dimension
(mm)

5,5x17,4x23

 C40-T, 22762
22756, 58, 61, 62, 64, 69, 83, 92

FORDSON 2000-3000-5000
TRAKTÖR / TRACTOR

LAX 30
**54215076
ULB 109
54214363**

2-LA 30

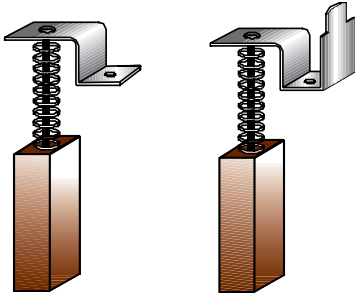
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7,9x4,6x17,9

 10AC, 11AC
23504, 07, 17-19, 21-30, 32-41, 43, 49, 51,
53, 58, 77, 78, 88
23601
23710

LAX 31-32
542 193 68

LA 31
LA 32
**1-LA 31
1-LA 32**

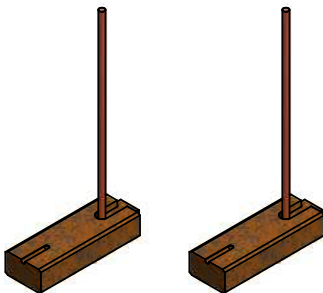
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

4,6x4,6x12,7

 23562, 63, 65-70, 72, 73, 75, 76, 81-85, 89-93, 97-99
23600, 2-6, 9-20, 22-27, 29-32, 34-56, 58-68, 73-80
82, 85-87, 90-99
23700-9, 11-19, 21-23-31, 34-43, 45-48, 50-71
73-86, 93-99
23800-20, 22-28, 30-33, 35, 37-57, 59-65, 67-69
71-74, 76-86, 88-99
23900-58, 61-64, 67, 68, 72-74, 80, 87-95
24012-19, 22, 29-33, 44, 45, 48, 73
24103, 8, 39, 40

**FORD
BEDFORD
JAGUAR
ROVER**
LAX 80-81/0
606 007 80

LA 80
LA 81/0
**1-LA 80/0
1-LA 81/0**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x4x22/20

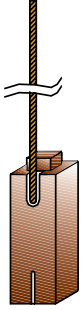
 23983-86, 96-99
24020, 23-28, 34-38, 49, 51-54, 58, 59, 61-72
79, 82, 83, 85-90, 94-96, 98, 99
24112, 14-19, 28, 31-37, 44, 47, 49, 51, 53
64-66, 70, 77-85, 89-92
24204, 10, 11, 37
A115/133

**BMC
LEYLAND GENOTO
CHRYSLER TRAKTÖR/
TRACTOR
KAMYON/TRUCK
FORD TRANSIT KAMYONET
RENAULT
FIAT
TÜMOSAN
LUCAS
TÜRK TRAKTÖR
UNIVERSAL
TRAKTÖR / TRACTOR
UZEL**

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, 54, 57, 58
221 30, 42, 47, 48, 60, 64, 67, 83, 86-88, 95-98
222 00, 12, 19, 24-28, 32, 34, 36, 38, 41-43, 51, 62, 64-66, 75, 80
81, 86, 90, 91, 95
223 01, 07, 10, 13, 14, 17, 18, 22, 23, 30, 35-37, 40, 42, 48, 49
53, 74, 75, 77-79, 82-85, 88-92, 94, 95, 97, 98
224 02, 08, 10, 15, 18-20, 25, 26, 28, 31, 32, 36, 37, 39, 45-47
50, 52, 58, 59, 74, 81, 83, 95
225 10, 14, 17, 25, 28-32, 36, 52, 54, 55, 60, 61, 64, 67, 70, 72
74, 75, 78, 80-86, 88-93, 95-99
226 00-04, 08, 11, 17, 21-39, 41, 43, 46-56, 62-65, 68, 69, 73-84
86, 87, 89, 90, 92-96, 98
227 06
633 241 45, 57, 58, 61, 88, 98, 99
242 00, 02, 05, 06, 08, 09, 16, 17, 20, 21, 30, 31, 33, 35, 40, 42, 45
56, 57, 60, 62, 64, 71, 73, 74, 76, 77, 86, 88-91, 93-96, 98, 99
243 08, 11, 16, 18, 22, 27, 32, 34, 38, 74, 80, 84, 85, 87, 90, 98, 99
244 00, 02-04, 06-09, 11, 18

BMC-LEVEND, MİNİBÜS/
VAN, KAMYONET/ TRUCK
NISSAN HD
FORD ESCORT
TRANSIT

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
JAAX 16
A648 C005 70

2-JAA 16

A2T41191, AG2035A

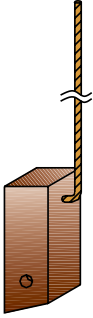
**MAZDA
NISSAN**

FAMILIA
SUNNY, VAN

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6x7x14
JAAX 24
**A647 X007 71
A647 X107 71**

2-JAA 24

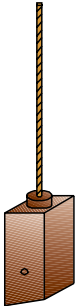
A1T03476, A1T23874, A1T25077, A1T32084, A1T32099

**MITSUBISHI
MAZDA
DATSUN
NISSAN**

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x6x19,5/18,5
JAAX 25
**A648 C004 71
A648 C012 70**

2-JAA 25

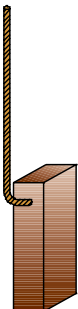
AP2040T, LT12524

**MAZDA
MITSUBISHI
NISSAN**

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6x7x18/17
JAAX 31
**A648 D019 70
A648 D019 71**

2-JAA 31

A2T24884, A2T70772, A2T72186, A2T72188, A2T72189
A2T72383
A4T57986, A4T65988

**MITSUBISHI
MAZDA**

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x6x23

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JAAX 34

A648 C029 70
A648 D025 70
A648 D025 71

**2-JAA 34**

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

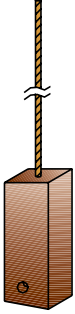
8x5x18/16,5

A1T 01791, 02091, 02674, 02674D, 03191, 03292, 03672, 03872
03972, 04072, 04172, 04272, 04572, 40391, 40891,
00991, 01384, 01483, 01683, 01783, 02271, 02394,
02394B, 02577, 02671, 02977, 03171, 03477, 03591,
03691, 04191, 04277, 04677, 05772, 05772X, 05892,
05892A, 05892B, 06577, 06991, 08577, 09291, 09392,
09493, 09691, 09792, 13571, 17783, 18476, 28976
34477, 36478, 40571B, 41677, 41791, 41991, 42571,
42599, 42599A, 42777, 43099, 43472, 43791, 43891,
44991, 45272, 45799, A, 45877, 46591, 46871, 47371,
47474, 47974, 48195, A, B, 48292, 48298, 48472,
48691, 48791, 49476, 49977, 80591, N0499, 00692
A3T 00792, 03099, 03392, 03393, 03493, 04177, 08183, 11678
A4T02891A
A5T 00877, 03092, 03192, 16471, 22877, 22971, 22997, 22997B
30574, 30871, 30977, 31671, 32277, 32571, 41271, 41477
41592, 41592B A7T00191, A7T30371

MAZDA
MITSUBISHI
NISSAN
SUBARU

JAAX 36

A648 D027 70
A648 D038 70

**2-JAA 36**

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8x5x23/21,5

A1T03392, A1T06191

MAZDA
MITSUBISHI
NISSAN
RENAULT

Takım Sipariş Kodu / Set Order Code
JAAX 9
21660-0130

**Özellikler
Properties**
2-JAA 9
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
5x8x18/16,5
Motor Numarası / Unit No.

0210000320, 0431, 0980, 1010, 1011, 1012, 1590, 1840
2970, 3001, 4510, 4550, 5080, 5081, 5150,
5250, 5450, 5600, 6110, 6370, 6420, 6611,
6612, 6640, 6710, 6900, 6940, 7250, 7260,
7320, 7911, 7920, 7931, 7971, 7990, 8011,
8020, 8021, 8030, 8140, 8231, 8250, 8270,
8271, 8310, 8400, 8620, 8910, 9040, 9061,
9091, 9100, 9120, 9130, 9260, 9770
1002100442, 1391, 1400, 1401, 1450, 1531, 1601
1002110140, 10142, 10291, 10320, 10322, 10440, 10560
10680, 30610
2702056100, 96601
2706063010

Araç Modeli/Vehicle Model
HONDA
JAAX 28
21660-0330

2-JAA 28
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
8x5x22,5/20,3

27371-44070, 44070
100211-0090, 0100, 0101
4057936, 4057937, 4240430, 4339474, 4339742, 4439474,
5206265, 5206270, 5212190, 5213049, 5213080, 5213085,
5213190, 5213295, 5213590, 5213645, 5226742
28100-25021-000, 28100-26080-000
31200-657-016
14685-63013, 15201-63011, 15321-63015, 15321-63016,
15331-63011, 15331-63012
3874-18-400, 3876-18-400, 8495-18-400, 8497-18-400, 8682-
18-400
32991-8700, 32991-8710, 42991-7200, 82991-4110, 82991-
4120, 82991-6100
28100-24030, 28100-24031, 28100-25010, 28100-25011,
28100-25013, 28100-25031, 28100-25032, 28100-26020-84,
28100-26021, 28100-26022, 28100-26080, 28100-33020,
28100-33020, 28100-34070, 28100-36020, 28100-36050,
28100-36051, 28100-40060, 28100-40061, 28100-41010,
28100-41011, 28100-41012, 28100-41013, 28100-41020,
28100-41030, 28100-42010, 28100-42011, 28100-42020,
28100-42021, 28100-42030, 28100-60010, 28100-60040,
28100-60041, 28100-60042, 28100-60060, 28100-60061,
28100-60062

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

0210000013, 0041, 0720, 0731, 0740, 0830, 0850, 0930
0950, 1290, 1480, 1770, 8830, 9881, 9960
1002101573, 1961, 2130, 2210, 2221, 2250, 2251, 2280
2290, 2302, 2343, 2600, 2620, 2650, 2660
2700, 2710, 2720, 2750, 2760, 2840, 2860
2861, 2960, 2980, 3270 3280, 3350, 3360
3400, 3460, 3680, 3720, 3730, 3760 3770
1002130080, 0130, 0151, 0231, 0300, 0520, 0750, 0760
0770, 0800, 0950, 1120, 1210, 1290, 1500
1210001480, 2702068040, 2703057091

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)

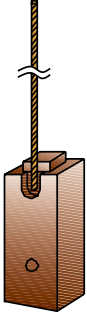
5x7x15/14

0210000580, 0210002500
1002103070...1002131910
1012110040, 0060, 0070, 0240, 0340, 2230, 3860, 7920
102116600, 6720, 6721
23700KA160
31100PH70040
3140060B11, 60B30, 60B4, 60B40, 80E00, 82610, 82611
83010, 86010, 86510
SR11571

TOYOTA

COROLLA
CORONA
CARINA
CELICA**JAAX 38**

21660-0370



2-JAA 38

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8x5x22/19,5

A1T06291
A2T 01976, 02084, 04578, 10083, 11473, 13894, 14876
18479, 18792, 18976, 27594, 27594A, 27883, 49577
00599, 01877, 01877A
A3T 01877B, 04999, 76682
A4T03191
A5T01577, A5T02477, A5T03477

TOYOTA

CORONA
CROWNMITSUBISHI
HYUNDAI
MAZDAL300
H 100
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**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
6x4,5x15

7526C, 27BC, 28C, 29BDEF, 30B, 31B, 33BCD
7535B, 38A, 40ABC, 41ABC, 43AB, 45A, 48A, 49ABCDE,
7550ABCDEF, 51B, 52ABCD, 53AB, 54A, 55AB, 56BC,
7557AB, 58ABC, 60ABC, 62ABCDE, 63AB, 65ABCDE,
7566ABC, 67ABCDE, 68ABC, 69ABC, 70AB, 71ABC, 72A,
7575ABCDE, 76A, 77ABCDE, 78ABC, 79A, 80ABC, 81AB,
7582A, 83A, 84BC, 85ABC, 86ABCD, 90ABC, 91ABCD,
7593A, 96ABCD, 97ABCD,
512 001A, 2AB, 3AB
513 001A, 2A, 3AB, 4A, 5A, 8ABC, 9AB, 10A,
515 001A, 2AB, 3ABC, 4AB, 5A,
581 003A, 6A, 9AB, 10A, 13AB, 17A, 89A,
618 442C, 43DEF, 44CD, 45B, 46ABCD, 47BC, 48AB,
618 449ABCD, 50AB

PEUGEOT

Takım Sipariş Kodu / Set Order Code

PLX 10

443 930 132 780

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

2-PL 10

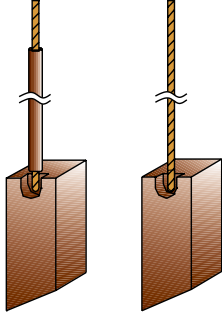
443113516021, 16030, 16121, 16180, 16181

SKODA FAVORIT
FELICIA
JOHN DEEREGerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6,3x6,3x15

Takım Sipariş Kodu / Set Order Code
PX 52-54
075411

P 52
P 54
**Özellikler
Properties**
**1-P 52
1-P 54**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x5x19
Motor Numarası / Unit No.

A11M3-7, 9-14; A11R1-3
A12M1-3, 5-10, 18
A12R1-6, 8-14, 19-21, 23, 26-28, 47-49
A13M2-9, 11-17
A13R63, 73T, 74, 78T, 80T-90T, 92, 95-99,
A13R63104, 105, 115-117, 119-121, 123-129, 131-134,
135T, 136-138, 139T, 140, 141, 143-145, 149-154,
156, 157, 159, 160, 162T, 163T, 166, 167, 169-172T,
174-180, 183-191T, 194-196, 198, 199, 202, 205,
210, 212, 213, 215, 219, 223-225, 235, 261, 265

Araç Modeli/Vehicle Model

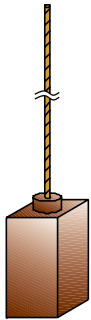
PEUGEOT
PEUGEOT KAMYON/TRUCK
RENAULT

PX 60
300722

2-P 60
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
6,35x4,6x15,4

A12R35T, 57, 58, 351T
A13N51, 69, 76
A14N19, 37
A14R34T, 54T, 341T, 541T-543T

RENAULT 9, BRODWAY
MEGANE, CLIO

SVX 7/9
300 821

2-SV 7/9
**Gerilim / Voltage
(Volt)**
12/24
**Ölçü / Dimension
(mm)**
6,4x4,6x14,5

Motorolla 2518032-452, 2940020-930, 2941095-447,
9AL2502K
SEV 7120...7199...
Valeo/PR A11Vi
Valeo/PR A12M9, A12R22, PR A13E...PR A13N1M...PR
A13N29-32...
PR A13N52...PR A13N104...PR A13N139...PR
A13N152M...
PR A13N175-183...PR A13R aus AK 2000, PR
A13V2, 5, 7
PR A13Vi...PR A14N1...PR A14N36...PR A14N71...
PR A14N99...PR A14N116M...PR A14N128...
PR A14N196M, 206M

PEUGEOT
RENAULT
FUEGO
PORSCHE
SAAB
VOLVO

SVX 10
2521679E

2-SV 10
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
6,4x4,6x14,5

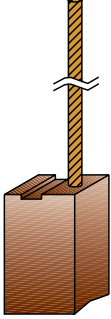
FLEX SECTION 0,5 mm²
FLEX LENGTH 80 mm
A13V/Vi
A14V/Vi



- 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

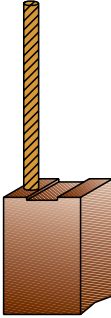
MISCELLANEOUS BRUSHES

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
CITROEN SAXO
PEUGEOT 106
RENAULT KANGOO

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6,95x12,4x20,3
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)

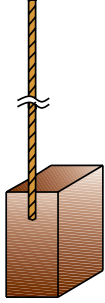
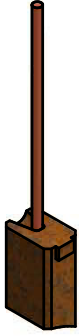
5,45x12,2x22
M.BENZ A SINIFI/CLASS

Takım Sipariş Kodu / Set Order Code

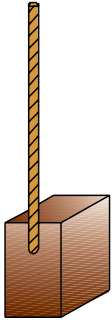
Özellikler
Properties

Motor Numarası / Unit No.

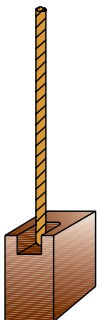
Araç Modeli/Vehicle Model

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**

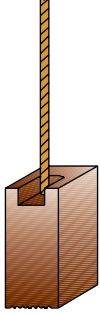
Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli / Vehicle Model

MEGA 202

785165-21
MTE 895 A

2-MEGA 202

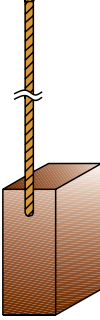
Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6,85x8x18

FAN

MEGA 203

2-MEGA 203

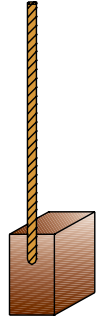
Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8x8x19

FAN

MEGA 206

2-MEGA 206

Gerilim / Voltage
(Volt)

12/24

Ölçü / Dimension
(mm)

7,3x7,3x13
FAZ

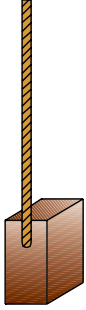
FAN, CAM
SİLECEK / WIPER
KLİMA /
AIR CONDITION

Takım Sipariş Kodu / Set Order Code

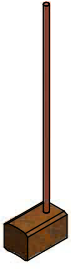
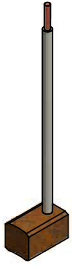
Özellikler
Properties

Motor Numarası / Unit No.

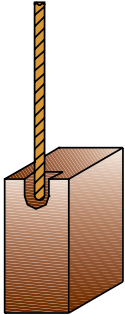
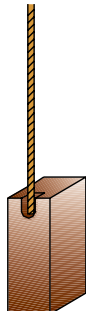
Araç Modeli/Vehicle Model

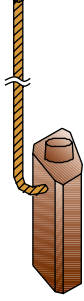
MTX 7**2-MT 7**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**7,1x7,1x14**

KLİMA / AIR CONDITION

MEGA 200**MEGA 200A****MEGA 200B****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

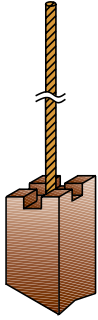
Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
MEGA 207

2-MEGA 207

 Gerilim / Voltage
(Volt)

12/24

 Ölçü / Dimension
(mm)

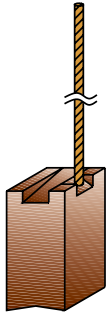
9x7,75x20
KONVEKTA KLİMA /
AIR CONDITION

MEGA 208

2-MEGA 208

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

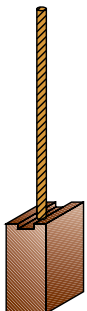
7,9x9,9x22
**VOLVO
SCANIA
DAFF**
MEGA 209
3 134 320 341

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)

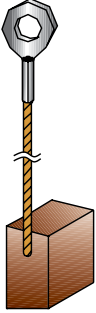
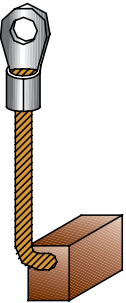
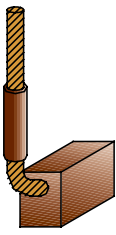
7,9x8,7x18
PEUGEOT 206,306,307
KLİMA /
AIR CONDITION

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

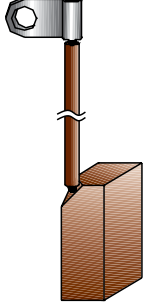
MTX 4**2-MT 4**Gerilim / Voltage
(Volt)**6/12**Ölçü / Dimension
(mm)**6x6x16****MOTOSİKLET /
MOTORCYCLE****MTX 5****2-MT 5**Gerilim / Voltage
(Volt)**6/12**Ölçü / Dimension
(mm)**6,4x8x12,5****MOTOSİKLET /
MOTORCYCLE****MEGA 211****1-MEGA 211A****1-MEGA 211B****1-MEGA 211A
1-MEGA 211B**Gerilim / Voltage
(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

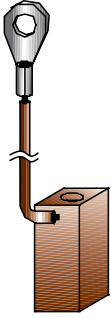
MEGA 876

2-MEGA 876

Gerilim / Voltage
(Volt)

6/12

Ölçü / Dimension
(mm)

7,9x7,9x21
JAWA MOTOSİKLET /
MOTORCYCLE

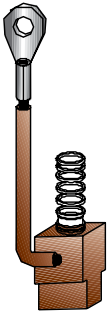
MEGA 877

2-MEGA 877

Gerilim / Voltage
(Volt)

6/12

Ölçü / Dimension
(mm)

6x8x19
JAWA MOTOSİKLET /
MOTORCYCLE

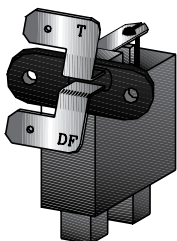
MEGA 880

**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

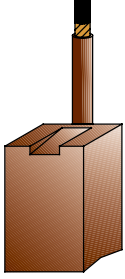
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 102 CU

2 007 014 053

**BO 1021 CU**

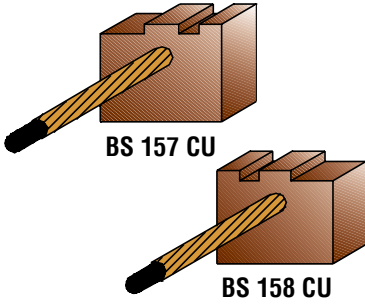
0 001 357 002
0 001 362 001-9, 11-17, 19
021-25, 27-30, 32, 33
9 000 143 400, 2, 4-7, 9

4-BS 102 CUGerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**9x16x25,5**

OPEL
BEDFORD
MERCEDES 200 D
HENSCHEL

BSX 157-158 CU

1 004 320 110-111

**BS 157 CU****BS 158 CU**

BO 1582 CU
BO 1584 CU
BO 1585 CU
BO 1586 CU

2-BS 157 CU
2-BS 158 CU

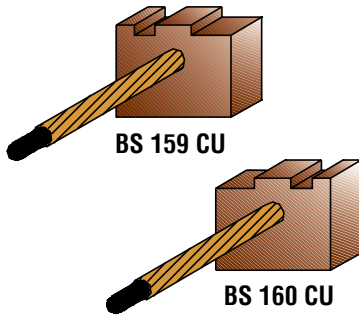
Gerilim / Voltage
(Volt)
12Ölçü / Dimension
(mm)**6x18x14,5**

0 001 109 001-003, 06, 07, 11, 12, 14,
015, 18, 23, 25, 28, 29, 31
033-035, 40-45, 47, 61,
110 001-004, 07, 08, 11-15, 18, 19, 22-24
026-33, 39-49, 51, 53, 55-67, 70, 71,
073, 75-80, 81, 83-85, 88-90, 92, 95,
098-102, 104-07, 10-15, 20, 22-24
999
115 001, 002
124 004, 15
125 001, 02, 05, 06, 09, 10, 12, 13, 16-19
021, 22,
501-04, 07, 08, 12, 13, 17
602
F 010 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

BSX 159-160 CU

1 004 320 113-114

**BS 159 CU****BS 160 CU**

BO 1601 CU
BO 1602 CU
BO 1603 CU

2-BS 159 CU
2-BS 160 CU

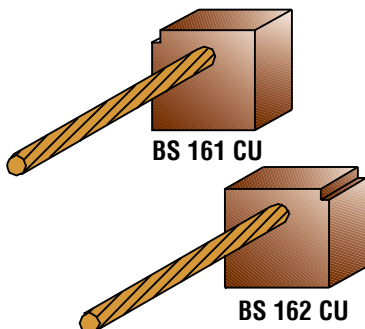
Gerilim / Voltage
(Volt)
12Ölçü / Dimension
(mm)**5x16x11,5/13**

1 004 336 806, 11, 12, 16, 23, 32, 37, 50, 59,
902-04, 07, 11-13, 18, 19, 21-23,
934-36, 41, 44, 50, 54, 60, 61, 65,
968, 71, 73, 74, 86, 95, 98
1 004 320 113, 123, 133, 140, 146, 167,
224, 226
1 004 320 114, 124, 132, 141, 147, 168
225, 227
0 001 108 001, 02, 05, 09-13, 16-33, 35, 37, 40, 43-48,
50-54, 56-66, 68, 69, 71-79, 81-100,
103-12, 15-27, 29, 31-33, 36, 37,
139-41, 44-54, 56, 58-60, 62,
168-73, 77, 78, 80-82, 84, 86, 99
996-999
111 001-05
F 010 AL0 101

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

BSX 161-162 CU

1 004 320 118-119

**BS 161 CU****BS 162 CU**

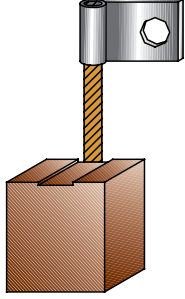
BO 1621 CU
BO 1622 CU

2-BS 161 CU
2-BS 162 CU

Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**5x12x11,6**

0 001 106 012, 14, 17, 22-24,
107 009-12, 14, 17-19, 24, 25-34, 37-40,
043, 45-48, 52-56, 58, 59, 62-64, 70-75,
070-75, 77-80, 82, 87-90, 94-98
121 001-03, 06-09, 16, 17, 19, 22, 23
9 000 081 001, 04, 06, 07

AUDI A4, A6
CITROEN
FIAT DUCATO
FORD ESCORT
MONDEO
OPEL VECTRA
306, 406
BOXER
PARTNER
SEAT CORDOBA
IBIZA
TOLEDO
SKODA OCTAVIA
VOLKSWAGEN POLO
GOLF, JETTA

Takım Sipariş Kodu / Set Order Code
JSX 16 CU
411 44 32

**Özellikler
Properties**
2-JS 16 CU

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8x17x19
Motor Numarası / Unit No.

 E84-08/12V, Var,1,2,3,6,8
632 207 00-03,05,06,20,21,23,24,30-33,35,
632 207 40,41,43,44,46
632 208 00-04,06,08,30,32,33,34,36
632 209 31,32,40

Araç Modeli/Vehicle Model
MURAT 124
RENAULT
TOFAŞ

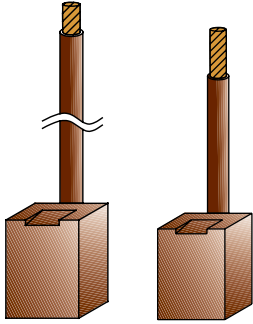
DOĞAN

ŞAHİN

TEMPRA 1.3

12

RONDA

FIAT
RENAULT
SEAT
JSX 21-22 CU
74 881 151

JS 21 CU
JS 22 CU
FI 1221 CU

 E95-0, 9-12
E95-1, 0-12
632 213 30, 32-35, 38
214 30, 31
215 31, 32, 34, 35, 38
216 33, 38

1-JS 21 CU
2-JS 22 CU

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6x13x17,5
TOFAŞ
FIAT
FORD

DOBLO

TAUNUS

SIERRA

CAPRI

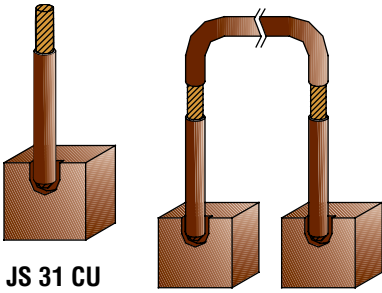
TRANSIT

ANADOL
FORD

TUZLA

JEEP

9-11

RENAULT
PEUGEOT
BMW
JSX 31-32 CU
7 489 438

JS 31 CU
JS 32 CU
2-JS 31 CU
1-JS 32 CU

 E95R-2, 2-12
632 218 31
220 30, 31, 34-36, 38, 39
221 30, 31, 33-36, 38
222 04, 07

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8x19x18
FIAT

CROMA

REGATA D

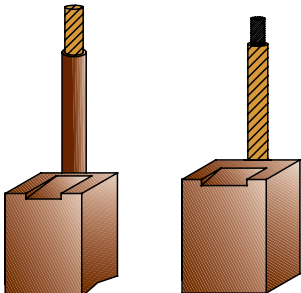
TDI

DUCATO

LANCIA
ALFA ROMEO
BMW

TD

TD

JSX 35-36 CU
83 221 191
83 221 201

JS 36 CU
JS 35 CU
FI 5361 CU

 E80-0, 8-12
E80-1, 0-12
633 228 31-33, 36-38
230 31-35

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

Takım Sipariş Kodu / Set Order Code

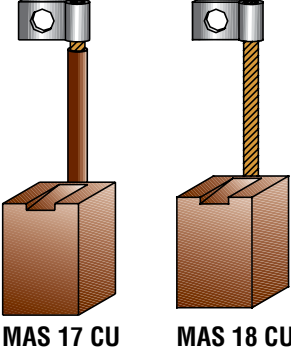
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

MASX 17-18 CU

72383701-02

2-MAS 17 CU
2-MAS 18 CUGerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

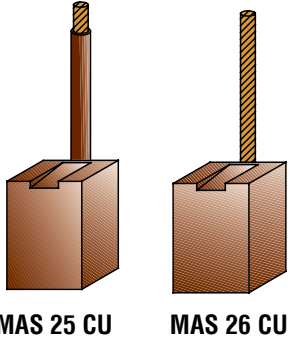
9x16x23

MT71A, D, E, FA, H, L, LA, N, R, S, T, U, V, Z
632 171 01, 04-08, 10, 12, 16-21, 25, 38, 47, 73, 82
632 174 01-05

FORD TRANSIT

MASX 25-26 CU

721613/01-02



MA 5261 CU

2-MAS 25 CU
2-MAS 26 CUGerilim / Voltage
(Volt)

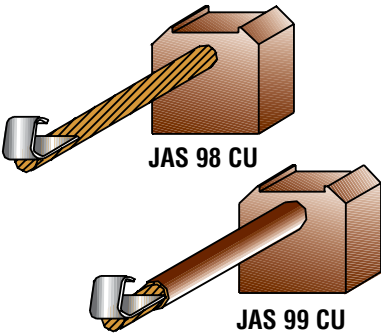
12

Ölçü / Dimension
(mm)

9x16x23

MT 71 AB, DB, FB, GB, HB, RB, SB, LA, TA, UA, VA
MT 74 AA, BA, DA
632 171 26, 48, 54, 56, 58, 63, 80, 86, 88, 97
632 174 07, 08, 10, 25, 33, 48BMC
LEYLAND
FIATFORD
GENOTO
OTOKAR
STEYA
UZEL
M. FERGUSONALLIS
TRAKTÖR /
TRACTOR
TRANSIT
BEDFORD
DEUTZ**JASX 98-99 CU**

ME 700 140



MI 8991 CU

2-JAS 98 CU
2-JAS 99 CUGerilim / Voltage
(Volt)

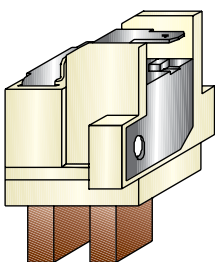
12

Ölçü / Dimension
(mm)

6,8x18x18

MAZDA 8599-24-750
MITSUBISHI MD618460
ME700127/ME701188
NISSAN 23378-W3410MAZDA
MITSUBISHI
NISSAN**JX 30-31 S CU**

749 904 31



1-J 30-31 S CU

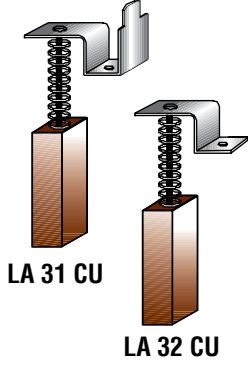
Gerilim / Voltage
(Volt)

12/24

Ölçü / Dimension
(mm)

8x5x16,5/14,5

A12M-124-12-42/-42B/-42M/-42X/-47/-57B
A12M-124-24-26/-26D/-26M
A124-14V-44A/-60A
A124-28V-26A
633 030 00, 01, 30, 41, 61
633 031 20, 30, 40, 50, 91
633 032 00, 13, 20, 22, 23, 40, 80, 82, 90
633 033 20, 31, 50, 60, 80, 91
633 034 00, 09, 20, 29
633 035 00, 20, 30, 50, 70
633 040 03, 20, 23, 40, 50, 75, 79, 81-83, 87, 90
633 041 00, 20
633 042 01, 21, 31
633 048 00, 30, 40, 70, 80, 90CHRYSLER
FIAT
FORD
OTOYOL
IVECO
RENAULT
M. FERGUSON
SEAT

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
LAX 31-32 CU
54 219 368

**1-LA 31 CU
1-LA 32 CU**

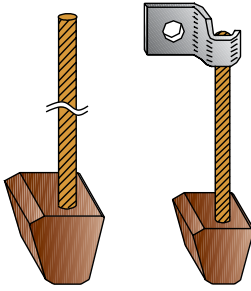
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

4,6x4,6x12,7

 15ACR, 16ACR, 17ACR, 18ACR
 23562, 63, 65-70, 72, 73, 75, 76, 81-85, 89-93, 97-99
 23600, 2-6, 9-20, 22-27, 29-32, 34-56, 58-68, 73-80,
 82, 85-87, 90-99
 23700-9, 11-19, 21-23-31, 34-43, 45-48, 50-71
 73-86, 93-99
 23800-20, 22-28, 30-33, 35, 37-57, 59-65, 67-69
 71-74, 76-86, 88-99
 23900-58, 61-64, 67, 68, 72-74, 80, 87-95
 24012-19, 22, 29-33, 44, 45, 48, 73
 24103, 8, 39, 40

**FORD
BEDFORD
JAGUAR
ROVER**
PSX 133 CU
**300 706Z
182 067
594 066**

VA 1331 CU
**1-PS 133 A
1-PS 133 B**

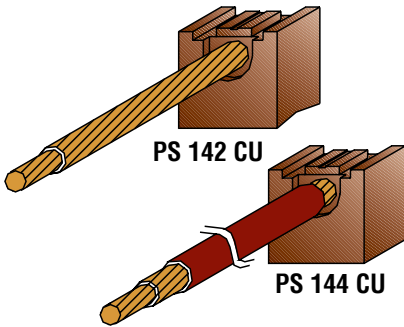
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

13,9/6,9x12x15

 D9E36, 38, 39, 48, 56, 57, 61, 64, 66, 68-70, 76, 78, 81-83,
 86, 92-94, 101, 107-110, 113, 114, 123-125, 127,
 129, 132, 136, 137, 237, 276, 278, 701, 702, 861

**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

D7R5, 11, 15

**PEUGEOT PARTNER
CITROEN**

Takım Sipariş Kodu / Set Order Code

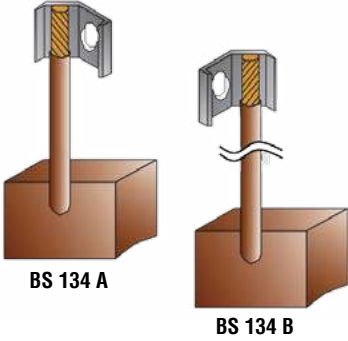
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli / Vehicle Model

BSX 134

2 007 014 062

2-BS 134 A
2-BS 134 BGerilim / Voltage
(Volt)

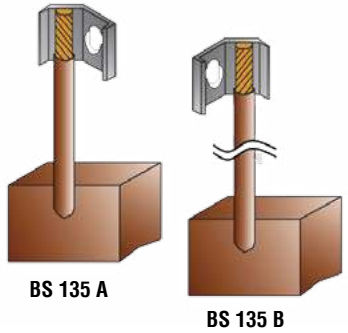
12

Ölçü / Dimension
(mm)

10x25x20

IHC PICK-UP 1230
MERCEDES
FORD**BSX 135**

2 007 014 063

2-BS 135 A
2-BS 135 BGerilim / Voltage
(Volt)

24

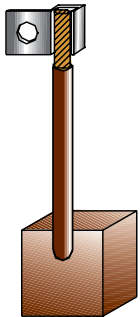
Ölçü / Dimension
(mm)

8x25x20

MERCEDES 302

FI 011-012

5 811 160 260

2- FI 011
2- FI 012Gerilim / Voltage
(Volt)

24

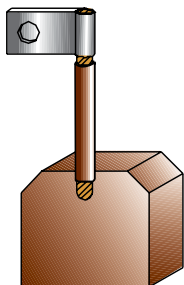
Ölçü / Dimension
(mm)

9x19x20

C 240

ISUZU ELF 250
MICRO BUS**FI 28**

1 811 260 350



4- FI 28

Gerilim / Voltage
(Volt)

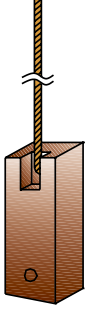
24

Ölçü / Dimension
(mm)

9x30x27

6QA1, 6RA1, 8PBI, 10PAI, 12PAI, UMDH100M, UM10PBI

ISUZU V8-V10
KAMYON / TRUCK
OTOBÜS / BUS

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli / Vehicle Model
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
A4T

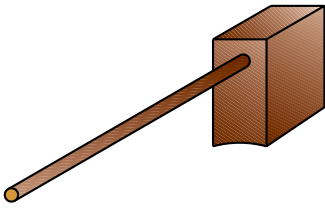
KIA SEPHIA
CAPITAL
BESTA

**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
49574-6404

KIA 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	10
1 004 336 029	BO 0751	8
1 004 336 055	BO 0751	8
1 004 336 100	BO 1401	9
1 004 336 101	BO 1401	9
1 004 336 102	BO 1491	11
1 004 336 107	BO 1401	9
1 004 336 108	BO 1401	9
1 004 336 138	BO 1603	15
1 004 336 139	BO 1584	12
1 004 336 155	BO 1584	12
1 004 336 156	BO 1584	12
1 004 336 218	BO 1511	11
1 004 336 233	BO 1586	13
1 004 336 239	BO 1763	19
1 004 336 362	BO 1602	14
1 004 336 402	BO 1584	12
1 004 336 404	BO 1585	13
1 004 336 407	BO 1585	13
1 004 336 411	BO 1603	15
1 004 336 413	BO 1585	13
1 004 336 415	BO 1763	19
1 004 336 417	BO 1762	19
1 004 336 421	BO 1763	19
1 004 336 426	BO 1602	14
1 004 336 428	BO 1763	19
1 004 336 432	BO 1763	19
1 004 336 433	BO 1621	15
1 004 336 434	BO 1603	15
1 004 336 446	BO 1584	12
1 004 336 455	BO 1584	12
1 004 336 456	BO 1586	13
1 004 336 459	BO 1584	12
1 004 336 460	BO 1585	13
1 004 336 462	BO 1763	19
1 004 336 463	BO 1586	13
1 004 336 466	BO 1584	12
1 004 336 502	BO 1851	20
1 004 336 505	BO 1851	20
1 004 336 506	BO 2051	24
1 004 336 510	BO 1851	20
1 004 336 513	BO 2151	26
1 004 336 515	BO 2154	27
1 004 336 515	BO 2154	27
1 004 336 516	BO 2011	22
1 004 336 518	BO 2013	23
1 004 336 520	BO 2152	26
1 004 336 521	BO 2132	25

BOSCH	MEGA	SAYFA NO
1 004 336 522	BO 2151	26
1 004 336 523	BO 2155	27
1 004 336 523	BO 2155	27
1 004 336 525	BO 1851	20
1 004 336 526	BO 1851	20
1 004 336 527	BO 2111	24
1 004 336 529	BO 2192	28
1 004 336 534	BO 1851	20
1 004 336 536	BO 2131	25
1 004 336 536	BO 2131	25
1 004 336 542	BO 1851	20
1 004 336 547	BO 1851	20
1 004 336 549	BO 2211	28
1 004 336 549	BO 2211	28
1 004 336 553	BO 2151	26
1 004 336 554	BO 2154	27
1 004 336 554	BO 2154	27
1 004 336 555	BO 2011	22
1 004 336 557	BO 2152	26
1 004 336 558	BO 2155	27
1 004 336 558	BO 2155	27
1 004 336 565	BO 2111	24
1 004 336 568	BO 2132	25
1 004 336 577	BO 2191	27
1 004 336 584	BO 2151	26
1 004 336 587	BO 2192	28
1 004 336 591	BO 2151	26
1 004 336 593	BO 1851	20
1 004 336 600	BO 1851	20
1 004 336 608	BO 1851	20
1 004 336 609	BO 2301	29
1 004 336 612	BO 2281	28
1 004 336 614	BO 2302	29
1 004 336 619	BO 2211	28
1 004 336 619	BO 2211	28
1 004 336 620	BO 1584	12
1 004 336 622	BO 2011	22
1 004 336 630	BO 1851	20
1 004 336 632	BO 1851	20
1 004 336 636	BO 1851	20
1 004 336 639	BO 2212	28
1 004 336 645	BO 2301	29
1 004 336 648	BO 2302	29
1 004 336 649	BO 2281	28
1 004 336 650	BO 2152	26
1 004 336 653	BO 2155	27
1 004 336 653	BO 2155	27
1 004 336 661	BO 2154	27
1 004 336 661	BO 2154	27

BOSCH	MEGA	SAYFA NO
1 004 336 663	BO 2151	26
1 004 336 669	BO 2153	26
1 004 336 677	BO 2151	26
1 004 336 678	BO 2151	26
1 004 336 681	BO 2351	30
1 004 336 695	BO 2331	30
1 004 336 697	BO 2431	30
1 004 336 699	BO 2432	31
1 004 336 699	BO 2432	31
1 004 336 700	BO 2155	27
1 004 336 700	BO 2155	27
1 004 336 702	BO 1851	20
1 004 336 703	BO 1851	20
1 004 336 704	BO 2111	24
1 004 336 711	BO 1851	20
1 004 336 712	BO 2131	25
1 004 336 712	BO 2131	25
1 004 336 718	BO 1851	20
1 004 336 723	BO 1851	20
1 004 336 727	BO 2131	25
1 004 336 727	BO 2131	25
1 004 336 732	BO 1584	12
1 004 336 734	BO 1585	13
1 004 336 740	BO 1603	15
1 004 336 744	BO 1763	19
1 004 336 746	BO 1762	19
1 004 336 750	BO 2211	28
1 004 336 750	BO 2211	28
1 004 336 753	BO 1621	15
1 004 336 754	BO 2151	26
1 004 336 755	BO 2154	27
1 004 336 756	BO 2011	22
1 004 336 758	BO 2152	26
1 004 336 759	BO 2155	27
1 004 336 759	BO 2155	27
1 004 336 764	BO 1585	13
1 004 336 769	BO 2111	24
1 004 336 770	BO 2131	25
1 004 336 770	BO 2131	25
1 004 336 772	BO 1602	14
1 004 336 773	BO 2132	25
1 004 336 786	BO 2191	27
1 004 336 792	BO 2151	26
1 004 336 795	BO 2192	28
1 004 336 797	BO 2192	28
1 004 336 798	BO 2151	26
1 004 336 800	BO 1584	12
1 004 336 801	BO 1763	19
1 004 336 807	BO 1585	13

KÖMÜR YUVALARI / BRUSH HOLDERS

BOSCH	MEGA	SAYFA NO
1 004 336 809	BO 1763	19
1 004 336 810	BO 1762	19
1 004 336 811	BO 1602	14
1 004 336 813	BO 1763	19
1 004 336 814	BO 1763	19
1 004 336 819	BO 1585	13
1 004 336 820	BO 1763	19
1 004 336 821	BO 1762	19
1 004 336 827	BO 1763	19
1 004 336 831	BO 1762	19
1 004 336 835	BO 1586	13
1 004 336 842	BO 1763	19
1 004 336 845	BO 1585	13
1 004 336 847	BO 1584	12
1 004 336 866	BO 1851	20
1 004 336 876	BO 2151	26
1 004 336 878	BO 2211	28
1 004 336 878	BO 2211	28
1 004 336 879	BO 2051	24
1 004 336 888	BO 2131	25
1 004 336 888	BO 2131	25
1 004 336 890	BO 2151	26
1 004 336 892	BO 2154	27
1 004 336 893	BO 2011	22
1 004 336 894	BO 2013	23
1 004 336 896	BO 2051	24
1 004 336 897	BO 2152	26
1 004 336 898	BO 2132	25
1 004 336 899	BO 2151	26
1 004 336 900	BO 1401	9
1 004 336 901	BO 1491	11
1 004 336 906	BO 1584	12
1 004 336 908	BO 1586	13
1 004 336 909	BO 1585	13
1 004 336 911	BO 1602	14
1 004 336 914	BO 1584	12
1 004 336 915	BO 1621	15
1 004 336 916	BO 1621	15
1 004 336 923	BO 1602	14
1 004 336 925	BO 1585	13
1 004 336 926	BO 1584	12
1 004 336 931	BO 1585	13
1 004 336 933	BO 1584	12
1 004 336 937	BO 1762	19
1 004 336 938	BO 1621	15
1 004 336 942	BO 1585	13
1 004 336 946	BO 1586	13
1 004 336 947	BO 1584	12
1 004 336 948	BO 1586	13

BOSCH	MEGA	SAYFA NO
1 004 336 949	BO 1585	13
1 004 336 951	BO 1762	19
1 004 336 952	BO 1621	15
1 004 336 953	BO 1621	15
1 004 336 955	BO 1585	13
1 004 336 957	BO 1763	19
1 004 336 958	BO 1584	12
1 004 336 963	BO 1621	15
1 004 336 964	BO 1763	19
1 004 336 967	BO 1621	15
1 004 336 970	BO 1763	19
1 004 336 975	BO 1763	19
1 004 336 975	BO 1762	19
1 004 336 976	BO 1585	13
1 004 336 978	BO 2192	28
1 004 336 980	BO 1603	15
1 004 336 981	BO 1585	13
1 004 336 983	BO 1584	12
1 004 336 984	BO 1585	13
1 004 336 989	BO 1763	19
1 004 336 991	BO 1584	12
1 004 336 994	BO 1585	13
1 004 336 997	BO 1585	13
1 004 336 999	BO 1585	13
1 004 337 002	BO 2282	29
1 004 337 006	BO 2441	31
1 004 337 012	BO 2303	30
1 004 337 050	BO 2433	31
1 004 337 050	BO 2433	31
1 004 337 140	BO 2111	24
1 004 337 149	BO 2431	30
1 004 337 154	BO 2302	29
1 004 337 158	BO 2431	30
1 004 337 161	BO 2441	31
1 004 366 571	BO 2152	26
1 007 010 124	BO 2012	23
1 007 010 124	BO 2211	28
1 007 010 124	BO 2211	28
1 007 010 135	BO 2012	23
1 007 010 135	BO 2211	28
1 007 010 135	BO 2211	28
1 007 336 957	BO 1763	19
1 104 336 702	BO 1851	20
2 001 329 901	BO 1021	9
2 004 004 093	BO 1011	8
2 004 336 010	BO 1021	9
2 004 336 021	BO 1021	9
2 004 336 027	BO 1011	8
2 004 336 028	BO 1441	10

BOSCH	MEGA	SAYFA NO
2 004 336 031	BO 1451	10
2 004 336 039	BO 1441	10
2 004 336 040	BO 1451	10
2 004 336 041	BO 1431	9
2 004 336 044	BO 1441	10
2 004 336 066	BO 1711	17
2 004 336 067	BO 1441	10
2 004 336 078	BO 1771	20
2 004 336 079	BO 1971	22
2 004 336 085	BO 1712	18
2 004 336 086	BO 1711	17
2 004 336 087	BO 1712	18
2 004 336 215	BO 1762	19
2 004 336 217	BO 1603	15
2 004 336 219	BO 1602	14
2 004 336 233	BO 1585	13
2 004 336 237	BO 1585	13
2 004 336 238	BO 1585	13
2 004 336 244	BO 1585	13
2 004 336 245	BO 1586	13
2 004 336 245	BO 1585	13
2 009 994 113	BO 1451	10
6 033 AD0 014	BO 1931	21
6 033 AD0 130	BO 1911	21
6 033 AD0 156	BO 1911	21
6 033 AD0 159	BO 1931	21
6 033 AD0 160	BO 1931	21
6 033 AD0 166	BO 1951	22
6 033 AD0 221	BO 1931	21
6 033 AD0 368	BO 1931	21
6 033 AD0 370	BO 1951	22
6 033 AD0 374	BO 1951	22
6 033 AD0 380	BO 1911	21
6 033 AD0 401	BO 1931	21
6 033 AD0 404	BO 1931	21
6 033 AD0 407	BO 1931	21
6 033 AD0 471	BO 1911	21
6 033 AD1 155	BO 1931	21
6 033 AD1 244	BO 1931	21
6 033 AD1 250	BO 1931	21
6 033 AD1 252	BO 1931	21
6 033 AD1 294	BO 1931	21
6 033 AD1 311	BO 1931	21
6 033 AD1 349	BO 1931	21
6 033 AD1 350	BO 1931	21
6 033 AD3 022	BO 1951	22
6 033 AD3 042	BO 1951	22
6 033 AD3 058	BO 1951	22
6 033 AD4 016	BO 2171	27

KÖMÜR YUVALARI / BRUSH HOLDERS

BOSCH	MEGA	SAYFA NO
6 033 AD4 026	BO 1911	21
6 033 AD4 161	BO 1911	21
6 033 AD4 180	BO 1911	21
6 033 AD4 194	BO 2171	27
6 033 AD5 128	BO 2171	27
6 033 AD5 179	BO 2171	27
6 033 AD5 316	BO 2171	27
6 033 AD5 320	BO 2171	27
9 003 334 314	BO 1511	11
9 003 334 363	BO 1911	21
9 003 334 368	BO 1951	22
F 000 AL1 055	BO 1621	15
F 000 AL1 326	BO 1621	15
F 000 AL1 483	BO 1621	15

CARGO	MEGA	SAYFA NO
130685	BO 0751	8
131169	LU 0361	46
131185	BO 1451	10
131352	DR 1341	33
132090	HI 0811	42
132303	BO 1441	10
132306	BO 1431	9
132475	MI 8991	56
132559	ND 0851	59
132812	VA 1290	63
132873	ND 7781	62
132874	ND 0881	60
132995	VA 1330	63
133338	MI 1711	52
133341	MI 0411	49
133342	MI 2431	52
133647	VA 1480	66
133673	ND 0353	87
133730	HI 4751	43
134025	BO 1021	9
134041	MA 3241	48
134103	BO 1401	9
134104	BO 1491	11
134659	BO 1584	12
134660	BO 1585	13
134661	BO 1511	11
134670	MA 1221	48
134842	DR 4581	37
134853	LU 0751	47
134868	BO 1621	15
135015	BO 1762	19
135235	BO 1602	14
135242	MA 7281	48

CARGO	MEGA	SAYFA NO
135467	MI 2832	54
135565	FI 3341	38
135604	MA 5261	48
135720	DR 1351	34
135822	LU 5161	47
136103	ND 0521	58
136204	FI 5361	39
136418	BO 1621	15
136557	BO 1763	19
136635	FO 0721	40
136763	VA 1442	64
137053	DR 1411	86
137121	HI 4551	42
137703	BO 1586	13
137929	MI 4283	55
138319	BO 1711	17
138672	ND 0111	57
138963	MI 1701	51
139150	ND 0791	58
139224	VA 1551	67
139627	FI 3541	38
139698	BO 1911	21
139822	MI 1702	51
140602	MI 1391	50
230396	DR 9121	37
230741	FO 0751	41
230843	BO 1771	20
231084	BO 1712	18
231648	BO 1931	21
232700	BO 1851	20
233637	HI 4752	43
234062	FO 0731	40
234119	VA 1641	68
234126	BO 1851	20
234475	BO 1603	15
234788	BO 1711	17
234896	BO 2211	28
234947	BO 1951	22
235072	BO 2441	31
235214	MI 4281	55
235401	BO 2151	26
235529	BO 2153	26
235531	BO 2051	24
235588	ND 0352	87
235607	ND 0351	86
235724	BO 1621	15
235742	BO 2012	23
235745	BO 2171	27
235883	BO 1931	21

CARGO	MEGA	SAYFA NO
236273	VA 1641	68
236352	BO 2152	26
236441	MI 1041	50
236867	BO 2111	24
237366	BO 2131	25
237540	ND 1061	61
237670	BO 2013	23
237859	MI 4282	55
237885	FI 2731	38
238956	FO 0681	86
239731	VA 1642	69
330495	BO 2301	29
331960	ND 0151	57
331995	BO 2281	28
332070	BO 2152	26
332665	ND 1061	61
333093	BO 2191	27
333123	BO 2155	27
333123	BO 2155	27
333124	BO 2303	30
333286	BO 1763	19
333287	BO 1762	19
333290	BO 1621	15
333293	BO 1451	10
333304	BO 2151	26
333317	VA 1672	69
333356	BO 2331	30
333422	DR 9141	37
333574	BO 1951	22
333595	BO 1584	12
333636	MI 0411	49
333641	BO 1585	13
333647	HI 4551	42
333651	FO 0751	41
333656	MI 4281	55
333667	VA 1441	64
335007	ND 0521	58
RES6155	DR 9141	37

LETRIKA	MEGA	SAYFA NO
16.908.336	LE 0336	44
16.908.752	LE 0752	44
16.908.994	LE 0994	45
72739813	LE 0336	44
72739960	LE 0994	45
MSX1225	LE 0336	44
MSX1262	LE 0994	45

KÖMÜR YUVALARI / BRUSH HOLDERS

LUCAS	MEGA	SAYFA NO
54245374	LU 0361	46
54266043	LU 5161	47
54290531	LU 5162	47
54290789	LU 0751	47
54290790	LU 0751	47
54291125	LU 0751	47
54292603	LU 0751	47
54245374010	LU 0361	46
54266043010	LU 5161	47
54291125010	LU 0751	47
54292603010	LU 0751	47
SSP0004	LU 0361	46
SSP005	LU 5161	47
TAB102	LU 5161	47
TAB104	LU 0361	46
TAT200	LU 5162	47

DELCO REMY	MEGA	SAYFA NO
1988121	DR 1341	33
1988122	DR 1341	33
1988439	DR 1342	34
10456456	DR 4581	37
10456456	DR 4201	36
10468705	DR 1351	34
10468706	DR 1351	34
10469238	DR 1352	35
10470140	DR 1351	34
10475107	DR 9141	37
10475602	DR 9121	37
10475602	DR 9121	37
10475746	DR 1411	86
10483823	DR 4581	37
10510129	DR 1413	35
10527543	DR 1741	35

NIPPON DENSO	MEGA	SAYFA NO
021620-2530	ND 0353	87
021620-2720	ND 0353	87
021620-3001	ND 0352	87
021620-3020	ND 0351	86
028510-0500	ND 0881	60
028510-0640	ND 7781	62
028510-0750	ND 0841	59
028510-0840	ND 7781	62
028510-0880	ND 0111	57
028510-5190	ND 0521	58
028510-5320	ND 0841	59
028510-5350	ND 0841	59
028510-5390	ND 0881	60

NIPPON DENSO	MEGA	SAYFA NO
028510-5500	ND 7781	62
028510-5510	ND 0841	59
028510-5660	ND 0841	59
028510-5800	ND 0791	58
028510-6020	ND 0791	58
028510-7620	ND 1061	61
028514-5020	MI 1391	50
128099-6312	ND 1061	61

HITACHI	MEGA	SAYFA NO
2114-23106	HI 4551	42
2114-29007	HI 0811	42
2114-39001	HI 0811	42
2114-4311	HI 0811	42
2114-49007	HI 0811	42
2114-53104	HI 4551	42
2114-53105	HI 4551	42
2114-63104	HI 4551	42
2114-69008	HI 0811	42
2114-73105	HI 4551	42
2114-79001	HI 0811	42
2114-89007	HI 0811	42
2130-13022	HI 4751	43
2130-1306	HI 4751	43
2130-2306	HI 4751	43
2130-53021	HI 4751	43
2130-53022	HI 4751	43
2130-63022	HI 4751	43
2130-73021	HI 4751	43
2130-73022	HI 4751	43
2130-93021	HI 4751	43
2130-9305	HI 4751	43
2240-1310	HI 4751	43
2240-2310	HI 4751	43
2240-3310	HI 4751	43
2240-4310	HI 4752	43
2250-7310	HI 6371	43

FORD	MEGA	SAYFA NO
E90Z11061A	FO 0721	40
E90Z11061B	FO 0721	40
E90Z11061C	FO 0721	40
E90Z11061A	FO 0721	40
E90Z11061B	FO 0721	40
E90Z11061C	FO 0721	40
F3RZ11061A	FO 0721	40
F7RU11434-BA	FO 0751	41
SB331	FO 0721	40
SB335	FO 0721	40

FORD	MEGA	SAYFA NO
SB337	FO 0721	40
SB348	FO 0721	40
SB353	FO 0721	40
SB356	FO 0721	40

IKA/GEBE	MEGA	SAYFA NO
7 5001 0	HP 0011	70
7 5002 0	HP 0010	70
7 7119 1	BO 1441	10
7 7121 1	BO 1401	9
7 7122 1	BO 1491	11
7 7124 1	BO 1603	15
7 7125 1	BO 1621	15
7 7126 1	BO 1762	19
7 7127 1	BO 1584	12
7 7128 1	BO 1602	14
7 7129 1	BO 1585	13
7 7130 1	BO 1511	11
7 7134 1	BO 1851	20
7 7135 1	BO 2012	23
7 7136 1	BO 1771	20
7 7140 1	HI 4551	42
7 7141 1	HI 0811	42
7 7142 1	HI 4751	43
7 7146 1	VA 1642	69
7 7147 1	VA 1641	68
7 7152 1	VA 1290	63
7 7153 1	VA 1330	63
7 7157 1	VA 1441	64
7 7164 1	DR 1411	86
7 7169 1	DR 9121	37
7 7171 1	ND 7781	62
7 7172 1	ND 0881	60
7 7179 1	ND 0111	57
7 7181 1	ND 0521	58
7 7185 1	MI 1711	52
7 7187 1	MI 0411	49
7 7188 1	MI 2431	52
7 7191 1	FI 3541	38
7 7192 1	FI 5361	39
7 7193 1	FI 3341	38
7 7201 1	BO 1971	22
7 7202 1	BO 2051	24
7 7203 1	BO 2211	28
7 7204 1	BO 2011	22
7 7208 1	BO 1931	21
7 7210 1	BO 1951	22
7 7211 1	FO 0721	40
7 7215 1	FO 0731	40

KÖMÜR YUVALARI / BRUSH HOLDERS

İKA/GEBE	MEGA	SAYFA NO
7 7224 1	BO 2132	25
7 7227 1	BO 2155	27
7 7227 1	BO 2155	27
7 7230 1	BO 1451	10
7 7234 1	BO 1851	20
7 7241 1	BO 2171	27
7 7241 1	BO 1911	21
7 7261 1	FO 0751	41
7 7264 1	DR 9141	37
7 7275 1	MI 4281	55
7 7282 1	BO 1763	19
7 7288 1	BO 2013	23
7 7290 1	BO 2152	26
7 7291 1	BO 2301	29
7 7292 1	BO 2302	29
7 7293 1	BO 2131	25
7 7314 1	BO 0751	8
7 7337 1	BO 1712	18
7 7338 1	BO 1711	17
7 7368 1	DR 1341	33
7 7370 1	ND 0851	59
7 7374 1	MI 1701	51
7 7375 1	DR 1351	34
7 7377 1	FI 2731	38
7 7378 1	DR 4581	37
7 7383 1	MI 2831	53
7 7386 1	MI 6971	56
7 7395 1	MA 5261	48
7 7396 1	MA 7281	48
7 7397 1	MA 3241	48
7 7398 1	MA 1221	48
7 7468 1	DR 1342	34
7 7475 1	DR 1352	35
7 7478 1	DR 4201	36
7 7504 1	BO 2151	26
7 7506 1	BO 2153	26
7 7511 1	BO 2192	28
7 7519 1	BO 2191	27
7 7526 1	MI 4283	55
7 7527 1	MI 1702	51
7 7529 1	BO 2281	28
7 7536 1	BO 2331	30
7 7537 1	BO 2441	31
7 7538 1	BO 2351	30
7 7540 1	BO 2303	30
7 7542 1	BO 2111	24
7 7544 1	BO 2282	29
7 7546 1	BO 2433	31
7 7553 1	BO 2431	30

İKA/GEBE	MEGA	SAYFA NO
7 7601 1	VA 1672	69
7 7604 1	VA 1671	69
7 7605 1	FO 0681	86
7 7606 1	ND 1061	61
7 7607 1	ND 0351	86
7 7628 1	MI 4282	55
7 7630 1	ND 0151	57
7 7802 1	BO 1763	19

M.MARELLI/MAKO	MEGA	SAYFA NO
8190402	MA 7281	48
72164101	MA 5261	48
72164102	MA 7281	48
72164701	MA 3241	48
72165001	MA 1221	48
72317031	FI 2731	38
72362701	MA 3241	48
72366601	MA 3241	48
72366601	MA 3241	48
74883421	FI 1221	38
83220461	FI 3341	38
83221241	FI 5361	39
83222681	FI 3341	38
83224461	FI 5361	39
83225359	FI 5361	39
83226216	FI 5361	39
83226336	FI 3541	38
83226683	FI 3341	38
83227131	FI 3341	38
83227226	FI 3341	38
83227260	FI 3341	38
72164101000	MA 5261	48
72164102000	MA 7281	48
72164701000	MA 3241	48
72165001000	MA 1221	48

MITSUBISHI	MEGA	SAYFA NO
M321X04471	MI 4283	55
M321X04771	MI 4283	55
M321X05171	MI 4283	55
M321X06671	MI 4283	55
M321X07071	MI 4283	55
M321X07076	MI 4281	55
M321X15071	MI 4282	55
M649T01271	MI 0411	49
M649T01272	MI 0411	49
M649T01273	MI 0411	49
M649T01671	MI 2431	52
M649T02171	MI 1711	52

MITSUBISHI	MEGA	SAYFA NO
M649T02271	MI 2831	53
M649T02272	MI 2831	53
M649T03571	MI 2832	54
M649T04871	MI 2831	53
M649T05071	MI 8991	56
M649T05072	MI 8991	56
M649T05072	MI 6971	56
M649T06871	MI 0411	49
M649T06971	MI 2431	52
M649T09371	MI 0411	49
M649T09471	MI 0411	49
M649T20471	MI 1701	51
M649X01371	MI 2831	53
M649X02572	MI 2832	54
M649X03573	MI 2832	54
M649X20471	MI 1701	51
M649X20771	MI 1702	51
MD607555	MI 2831	53
MD607926	MI 2831	53
MD611918	MI 0411	49
MD618513	MI 2831	53
ME701467	MI 1701	51
ME701495	MI 1702	51

WAI	MEGA	SAYFA NO
39-109-3	DR 1411	86
39-208	FO 0681	86
39-8203-3	ND 0353	87
39-8206	ND 0351	86
39-8207	ND 0352	87
68-9131	BO 1585	13
68-9141	BO 1585	13
68-9143	BO 1763	19
68-9143	BO 1763	19
68-9144	BO 1762	19
68-9145	BO 1762	19
69-103-3	DR 1341	33
69-103-3	DR 1342	34
69-108-1	DR 1351	34
69-108-1	DR 1352	35
69-114	DR 9121	37
69-114-1	DR 9121	37
69-114-3	DR 9121	37
69-124	DR 1761	36
69-125	DR 1741	35
69-128	DR 1413	35
69-200	LU 0361	46
69-200	FO 0721	40
69-201	FO 0721	40

KÖMÜR YUVALARI / BRUSH HOLDERS

WAI	MEGA	SAYFA NO
69-201-2	FO 0721	40
69-204	FO 0731	40
69-206	FO 0751	41
69-8101	HI 0811	42
69-8113-3	HI 4751	43
69-8117	HI 4551	42
69-8118-1	HI 4551	42
69-8120	HI 4751	43
69-8201	ND 0841	59
69-8202	ND 7781	62
69-8203	ND 0881	60
69-8208	ND 0111	57
69-8211	ND 0521	58
69-8218	FI 2731	38
69-8219	ND 0851	59
69-8227	MI 1391	50
69-8300	MI 1711	52
69-8302	MI 6971	56
69-8308-1	MI 0411	49
69-8309	MI 2431	52
69-8313-3	MI 4283	55
69-8315	MI 2832	54
69-8317	MI 4283	55
69-8318	MI 4283	55
69-8339	MI 1701	51
69-8341	MI 1702	51
69-8400-1	DR 4581	37
69-9100	BO 1451	10
69-9105	BO 1431	9
69-9106	BO 1441	10
69-9111-3	BO 1603	15
69-9113-1	BO 1585	13
69-9114	BO 1401	9
69-9116	BO 1762	19
69-9117	BO 1491	11
69-9118	BO 1511	11
69-9119	BO 1762	19
69-9120	BO 1441	10
69-91201	BO 1584	12
69-9129	BO 1586	13
69-9137	BO 2192	28
69-9140	BO 1711	17
69-9141	BO 1712	18
69-9145	BO 2171	27
69-9145	BO 1911	21
69-9147	BO 1951	22
69-9150	BO 2131	25
69-9152	BO 2281	28
69-9157	BO 2441	31

WAI	MEGA	SAYFA NO
69-9158	BO 2331	30
69-9301	FI 3541	38
69-9302	MA 5261	48
69-9303	FI 3341	38
69-9304	MA 7281	48
69-9305	FI 5361	39
69-9306	MA 3241	48
69-9307	MA 1221	48
69-9401	VA 1671	69
69-9402	VA 1290	63
69-9403	VA 1641	68
69-9404	VA 1441	64
69-9406	VA 1642	69
69-9407	VA 1672	69
69-9409	VA 1551	67
69-94201	VA 1480	66
69-99201	VA 1480	66
VALEO	MEGA	SAYFA NO
92882	VA 1290	63
101589	VA 1331	63
183957	VA 1480	66
186381	VA 1480	66
190987	VA 1642	69
191335	VA 1642	69
191824	VA 1642	69
193288	VA 1642	69
195253	VA 1671	69
200393	VA 1642	69
594070	VA 1480	66
594290	VA 1551	67
594351	VA 1551	67
594381	VA 1551	67
594479	VA 1551	67
594651	VA 1671	69
594674	VA 1672	69
594780	VA 1442	64

WOODAUTO	MEGA	SAYFA NO
BHD3989	BO 1621	15
BHD4052	DR 9121	37
BHD4076	FO 0721	40
BHD4086	FO 0731	40
BHD4128	HI 4752	43
BHD4142	MA 7281	48
BHD4155	MI 2831	53
BHD4176	ND 0521	58
BHD4183	ND 0111	57
BHD4227	BO 2011	22
BHD4233	BO 2131	25

WOODAUTO	MEGA	SAYFA NO
BHD49632	MA 1221	48
BHD49634	ND 0841	59
BHD49646	ND 0352	87
BHD49653	MI 1711	52
BHD49656	MI 2832	54
BHD49661	LU 5161	47
BHD49666	BO 1951	22
BHD49669	MI 4281	55
BHD49683	LE 0752	44
BHD4982J	DR 1411	86
BHD4988	ND 0353	87
BHD5001	MI 1701	51
BHD5003	MI 1702	51
BHD5009	BO 2302	29
BHD5010	BO 2281	28
BHD5011	BO 2432	31
BHD5013	BO 2331	30
BHD5014	BO 2441	31
BHD5015	BO 2351	30
BHD5017	BO 2303	30
BHD5019	BO 2152	26
BHD5026	BO 2282	29
BHD5028	BO 2111	24
BHD5031	VA 1642	69
BHD5035	VA 1671	69
BKT469	LU 0361	46
BOS1004336506	BO 2051	24
BOS1004336645	BO 2301	29
BOS1004336678	BO 2151	26
BOS6033AD4194	BO 2171	27
DEN028514-5020	MI 1391	50
EC3523	DR 1341	33
EC3529	DR 1352	35
EC3529	DR 1351	34
EC3572	ND 0881	60
EC3586	BO 1441	10
EC3587	BO 1451	10
EC4322	VA 1290	63
EC4323	VA 1331	63
EC45003	HI 0811	42
EC45008	HI 4551	42
EC45009	ND 0791	58
EC45010	HI 4751	43
EC45011	HI 4751	43
EC4578	DR 4201	36
EC4579A	LU 0751	47
EC4585	VA 1480	66
EC4611	MI 4283	55
EC47022	BO 1401	9

KÖMÜR YUVALARI / BRUSH HOLDERS

WOODAUTO	MEGA	SAYFA NO
EC47023	BO 1584	12
EC47025	BO 1586	13
EC47026	BO 1585	13
EC47030	BO 1621	15
EC47032	BO 1511	11
EC47034	BO 1762	19
EC47055	VA 1551	67
EC47061	BO 1602	14
EC47062	BO 1763	19
EC47067	BO 1431	9
EC47078	BO 1491	11
EC47141	FI 3541	38
EC47164	BO 1603	15
EC47165	ND 0841	59
EC47166	BO 1771	20
EC47170	BO 1851	20
EC47172	BO 1911	21
EC47174	ND 7781	62
EC47177	MA 5261	48
EC47179	MA 3241	48
EC47181	FI 5361	39
EC47182	FI 3341	38
EC47185	FO 0751	41
EC47212	MI 0411	49
EC47234	MI 8991	56
EC47572	BO 0751	8
EC47577	BO 1991	22
EC47581	BO 1931	21
EC47855	VA 1672	69
LET16.908.994	LE 0994	45
MITM321X15071	MI 4282	55
MITM649T01671	MI 2431	52

GHIBAUDI	MEGA	SAYFA NO
PAPA 835	MI 0411	49
PAPA108	FI 3341	38
PAPA109	BO 1451	10
PAPA110	BO 1441	10
PAPA112	BO 1431	9
PAPA114	BO 1021	9
PAPA117	BO 1401	9
PAPA118	BO 1491	11
PAPA119	BO 1603	15
PAPA120	BO 1584	12
PAPA127	BO 1602	14
PAPA128	BO 1762	19
PAPA129	BO 1586	13
PAPA130	BO 1711	17
PAPA135	BO 1771	20

GHIBAUDI	MEGA	SAYFA NO
PAPA136	BO 1712	18
PAPA140	BO 1763	19
PAPA140	BO 1621	15
PAPA141	BO 1511	11
PAPA143	BO 1851	20
PAPA145	BO 1911	21
PAPA147	BO 2151	26
PAPA152	BO 1931	21
PAPA155	BO 2013	23
PAPA156	BO 2131	25
PAPA157	BO 1971	22
PAPA158	BO 2051	24
PAPA159	BO 2211	28
PAPA160	BO 2011	22
PAPA164	BO 1951	22
PAPA169	BO 2132	25
PAPA170	BO 2154	27
PAPA171	BO 2155	27
PAPA177	BO 2111	24
PAPA181	BO 2171	27
PAPA188	BO 1585	13
PAPA191	BO 2153	26
PAPA205	BO 2302	29
PAPA216	BO 2192	28
PAPA222	BO 2191	27
PAPA224	BO 2281	28
PAPA228	BO 2331	30
PAPA229	BO 2441	31
PAPA230	BO 2351	30
PAPA232	BO 2303	30
PAPA235	BO 2282	29
PAPA237	BO 2433	31
PAPA270	DR 1341	33
PAPA272	DR 1351	34
PAPA272	DR 1352	35
PAPA274	DR 4581	37
PAPA274	DR 4201	36
PAPA277	DR 9141	37
PAPA301	MA 3241	48
PAPA303	MA 1221	48
PAPA305	MA 7281	48
PAPA309	FI 3541	38
PAPA310	FI 5361	39
PAPA313	MA 5261	48
PAPA335	FO 0751	41
PAPA401	LU 0361	46
PAPA403	LU 5161	47
PAPA500	VA 1642	69
PAPA501	VA 1290	63

GHIBAUDI	MEGA	SAYFA NO
PAPA502	VA 1330	63
PAPA504	VA 1480	66
PAPA506	VA 1441	64
PAPA507	VA 1551	67
PAPA508	VA 1641	68
PAPA509	VA 1671	69
PAPA513	VA 1672	69
PAPA514	VA 1672	69
PAPA801	HI 0811	42
PAPA806	MI 2431	52
PAPA809	HI 4751	43
PAPA811	HI 4551	42
PAPA831	MI 8991	56
PAPA831K	MI 8991	56
PAPA832	MI 1711	52
PAPA834	MI 2832	54
PAPA841	MI 1701	51
PAPA842	FO 0731	40
PAPA844	MI 4282	55
PAPA845	MI 4283	55
PAPA846	MI 1702	51
PAPA847	MI 4281	55
PAPA861	ND 0851	59
PAPA862	ND 7781	62
PAPA863	ND 0881	60
PAPA867	MI 1391	50
PAPA874	ND 0111	57
PAPA875	BO 2152	26
PAPA876	ND 0841	59
PAPA878	ND 0521	58
PAPA879	ND 1021	61
PAPA880	ND 2011	61

UNIPOINT	MEGA	SAYFA NO
SH-5001	ND 7781	62
SH-6052	ND 0881	60
SH-6150	ND 0881	60
SH-9001	ND 0111	57
SH-9103	ND 0111	57
SH-6035	MI 8991	56
SH-6138	MI 6971	56
SH-7131	MI 1702	51
SH-7030	MI 1701	51
SH-3001	MI 0411	49
P-610701	HI 4752	43
SH-6107	HI 4752	43
P-601019	HI 4751	43
SH-6010	HI 4751	43
SH-6103	HI 4751	43

KÖMÜR YUVALARI / *BRUSH HOLDERS*

UNIPOINT	MEGA	SAYFA NO
SH-3301	HI 4551	42
SH-6020	HI 0811	42
SH-2801	FO 0721	40
SH-7150	DR 4581	37
P-705134	DR 4201	36
RS-212	DR 1351	34
RS-211	DR 1341	33
SH-2411	BO 2171	27
SH-2311	BO 1911	21
SH-2351	BO 1771	20
SH-2018	BO 1763	19
SH-2019	BO 1762	19
SH-2021	BO 1762	19
SH-2200	BO 1621	15
SH-2003	BO 1602	14
SH-2201	BO 1584	12
BH-635	ND 0353	87
BH-657	ND 0353	87
BH-1400	DR 1411	86
SH-3501	MI 4283	55
SH-2601	DR 9121	37

KÖMÜRLER / BRUSHES

BOSCH	MEGA	SAYFA NO
1 004 320 101	BSX 149	98
1 004 320 102	BSX 154	99
1 004 320 103	BSX 156	100
1 004 320 208	BSX 220-221	107
1 004 320 209	BSX 220-221	107
1 004 320 232	BSX 220-221	107
1 004 320 233	BSX 220-221	107
1 004 320 245	BSX 229-230	109
1 004 320 246	BSX 229-230	109
1 004 320 257	BSX 238	111
1 004 320 266	BSX 239-240	111
1 004 320 267	BSX 239-240	111
1 004 320 268	BSX 241-242	111
1 004 320 269	BSX 241-242	111
1 007 014 100	BSX 12	90
1 007 014 105	BSX 36	91
1 007 014 106	BSX 33	90
1 007 014 107	BSX 34	90
1 007 014 109	BSX 35	90
1 007 014 121	BSX 76	93
1 007 014 123	BSX 43	91
1 007 014 126	BSX 98	94
1 007 014 128	BSX 121	96
1 007 014 129	BSX 124	96
1 007 014 131	BSX 98	94
1 007 014 137	BSX 146	98
1 007 014 138	BSX 140	97
1 007 014 139	BSX 149	98
1 007 014 140	BSX 159-160	100
1 007 014 141	BSX 156	100
1 007 014 143	BSX 151	99
1 007 014 144	BSX 152	99
1 007 014 145	BSX 154	99
1 107 014 018	BX 68	176
1 107 014 110	BSX 43	91
1 107 014 118	BX 68	176
1 107 014 119	BX 68	176
1 107 014 126	BSX 49	91
1 127 014 000	BX 151	99
1 127 014 004	BX 185	178
1 127 014 005	BX 185	178
1 127 014 006	BX 185	178
1 127 014 007	BX 185	178
1 127 014 008	BX 185	178
1 127 014 010	BX 199	178
1 127 014 011	BX 185	178
1 127 014 013	BX 185	178
1 127 014 015	BX 199	178
1 127 014 016	BX 201	179

BOSCH	MEGA	SAYFA NO
1 127 014 017	BX 202	179
1 127 014 018	BX 204	179
1 127 014 019	BX 209	180
1 127 014 020	BX 202	179
1 127 014 021	BX 209	180
1 127 014 022	BX 204	179
1 127 014 023	BX 204	179
1 127 014 024	BX 214	180
1 127 014 025	BX 204	179
1 127 014 026	BX 215	180
1 127 014 027	BX 215	180
1 127 014 028	BX 213	180
1 127 014 030	BX 204	179
1 127 014 031	BX 219	181
1 917 000 153	RX 60	72
1 917 000 154	RX 70	72
1 917 000 155	RX 87	73
1 917 000 158	RX 92	73
1 917 000 205	USX 60-59	121
1 917 000 206	USX 60-59	121
1 917 000 207	USX 60-59	121
1 917 000 208	USX 60-59	121
1 917 000 210	USX 60-59	121
1 917 000 211	USX 73-85	121
1 917 000 215	USX 91-92	121
1 917 000 250	JSX 5	122
1 917 000 251	JSX 9	122
1 917 000 253	JSX 13	122
1 917 000 254	JSX 15	123
1 917 000 255	JSX 16	123
1 917 000 259	JSX 18	123
1 917 000 260	JSX 19	123
1 917 000 354	LASX 15-16	140
1 917 000 355	LASX 15-27	140
1 917 000 357	LASX 36	141
1 917 000 359	LASX 40-41	142
1 917 000 360	LASX 42	142
1 917 000 361	LASX 30-31-32	141
1 917 000 363	LASX 44-45	143
1 917 000 503	PSX 115-116	166
1 917 000 509	PSX 115-116	166
1 917 000 521	PSX 115-116	166
1 917 000 525	PSX 81-82	164
1 917 000 526	PSX 83-84	165
1 917 000 542	PSX 132	167
1 917 000 553	PSX 112	165
1 917 000 554	PSX 83-84	165
1 917 000 560	PSX 122-123-124	166
1 917 000 563	PSX 129	166

BOSCH	MEGA	SAYFA NO
1 917 000 564	PSX 132	167
1 917 000 565	JSX 21-22	124
1 917 000 575	PSX 130	167
1 917 000 576	PSX 133	167
1 917 000 577	JSX 21-22	124
1 917 000 578	MASX 17-18	146
1 917 010 205	JX 16	184
1 917 010 300	LAX 9	189
1 917 010 302	LAX 31-32	190
1 917 010 305	LAX 23	189
1 917 010 391	PLSX 5	163
1 917 012 104	RX 103	182
1 917 012 155	UX 79-80/0/0	196
1 917 012 203	JX 30-31	184
1 917 012 352	PX 52-54	198
1 917 012 353	PX 52-54	198
1 917 012 354	PX 52-54	198
1 917 700 476	PLSX 3	163
1 987 000 004	JAAX 32	187
1 987 000 005	JASX 66-67	135
1 987 000 006	JASX 57-58	134
1 987 000 007	JASX 29	149
1 987 000 009	JASX 15-6 (4)	132
1 987 000 010	JASX 69-70	151
1 987 120 000	JAAX 9	194
1 987 120 001	JAAX 20	187
1 987 120 002	JASX 63	159
1 987 120 003	JAAX 25	191
1 987 120 004	JAAX 24	191
1 987 120 010	JAAX 25	191
1 987 120 022	JAAX 19	187
1004 320 253	BSX 234-235	110
1004 320 254	BSX 234-235	110
1917 000 161	RX 120	115
1917 000 162	RX 120	115
1917 000 201	USX 44-21	21
1917 012 105	RX 103 F	181
1917 012 400	SVX 7	197
1917 012 401	SVX 7	197
2 000 014 078	BSX 100	94
2 004 320 176	BSX 186	103
2 004 320 178	BSX 186	103
2 004 320 264	BSX 222-223	108
2 004 320 265	BSX 222-223	108
2 007 014 001	BSX 12	90
2 007 014 002	BSX 39	91
2 007 014 004	BSX 148	98
2 007 014 007	BSX 12	90
2 007 014 008	BSX 148	98

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BOSCH	MEGA	SAYFA NO
2 007 014 013	BSX 35	90
2 007 014 015	BSX 148	98
2 007 014 017	BSX 186	103
2 007 014 018	BSX 70	92
2 007 014 019	BSX 102	95
2 007 014 020	BSX 33	90
2 007 014 021	BSX 34	90
2 007 014 022	BSX 85	93
2 007 014 023	BSX 148	98
2 007 014 024	BSX 74	92
2 007 014 026	BSX 75	93
2 007 014 027	BSX 75	93
2 007 014 032	BSX 100	94
2 007 014 035	BSX 100	94
2 007 014 036	BSX 148	98
2 007 014 040	BSX 139	97
2 007 014 042	BSX 148	98
2 007 014 044	BSX 96	94
2 007 014 047	BSX 35	90
2 007 014 048	BSX 148	98
2 007 014 049	BSX 100	94
2 007 014 050	BSX 96	0
2 007 014 051	BSX 100	94
2 007 014 052	BSX 96	0
2 007 014 053	BSX 102	0
2 007 014 056	BSX 96	0
2 007 014 061	BSX 148	98
2 007 014 062	BSX 134-144	96
2 007 014 063	BSX 135-145	97
2 007 014 064	BSX 96	94
2 007 014 065	BSX 137-143	97
2 007 014 067	BSX 147	98
2 007 014 068	BSX 137-143	97
2 007 014 070	BSX 148	98
2 007 014 072	BSX 177	102
2 007 014 073	BSX 163-164	100
2 007 014 076	BSX 163-164	100
2 007 014 077	BSX 170-171	101
2 007 014 079	BSX 172-173	101
2 007 014 080	BSX 178-179	102
2 007 014 081	BSX 180-181	102
2 007 014 082	BSX 177	102
2 007 014 085	BSX 170-171	101
2 107 014 004	BX 68	176
2 127 014 003	BX 203	179
2 127 014 004	BX 203	179
2 127 014 005	BX 203	179
2 137 014 003	BSX 12	90
6 033 AD3 260	BSX 224-225	108

BOSCH	MEGA	SAYFA NO
6 033 AD3 261	BSX 224-225	108
6 033 AD5 097	BSX 206-207	106
6 033 AD5 098	BSX 206-207	106
6 033 AD5 126	BSX 206-207	106
6 033 AD5 127	BSX 206-207	106
6 033 AD5 177	BSX 216-217	107
6 033 AD5 178	BSX 216-217	107
6 033 AD5 312	BSX 206-207	106
6 033 AD5 313	BSX 206-207	106
6 033 AD5 314	BSX 216-217	107
6 033 AD5 315	BSX 216-217	107
9 001 082 414	BSX 98	94
9 001 453 644	BSX 177	102
9 003 337 001	BSX 165	101

CARGO	MEGA	SAYFA NO
140134	RX 103	182
140135	RX 106	182
140161	LAX 80-81	190
140334	JASX 57-58	134
140336	JASX 66-67	135
140337	JASX 94-95	137
140338	JASX 80-81	136
140339	JASX 56-3/0	134
140340	JASX 15-6 (4)	132
140341	JASX 32-33	132
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	192
140351	JAAX 25	191
140352	JAAX 24	191
140353	JAAX 24	191
140354	JAAX 31	192
140357	JASX 22	157
140360	JASX 63	159
140361	JASX 88	161
140362	JASX 84	160
140363	JASX 85	160
140364	JASX 77-78	159
140368	JAAX 28	194
140369	JAAX 33	194
140370	JAAX 38	194
140371	JAAX 35	194
140376	JASX 56-3	134
140378	JASX 36-37	133
140379	JASX 74-75	135

CARGO	MEGA	SAYFA NO
140380	JAAX 32	187
140385	JASX 29	149
140386	JASX 47-48	151
140387	JASX 98-99	155
140388	JASX 71-72	153
140393	JASX 35	157
140437	JAAX 34	193
140559	JASX 40-41	150
140567	JASX 74	135
140575	JAAX 37	188
140576	JAAX 36	187
140591	JASX 69-70	151
140595	JASX 92-93	136
140597	JASX 34-30	132
140598	RX 132-133	183
140600	RX 457-458	119
140602	JASX 39	158
140603	LASX 30-31-32	141
140613	LAX 82	191
140647	JASX 53	158
140706	JASX 21 (4)	156
140708	JASX 91	154
140716	LASX 15-27	140
140732	RX 419-420	119
140740	JASX 52	158
140755	RX 911	119
140765	LASX 76	144
140770	JASX 79	160
140808	PSX 142-143	169
140811	RX 120	115
140812	RX 120	115
140813	RX 120/0	114
140815	RX 120/0	114
140841	JASX 24-25	156
140852	JASX 49-61	33
140885	JASX 18-19	157
140896	LASX 87-77-78	144
140897	LASX 86-79-80	144
140914	JX 43	185
140922	JASX 54-55	133
140930	JASX 42-43	150
140931	JASX 45-46	151
140932	JASX 86-87	160
140933	JASX 50-51	133
140966	JASX 44-28	150
140986	JASX 59-60	135
141023	JASX 26-27	132
141036	BSX 190-191	104
141067	PSX 89-90	165

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CARGO	MEGA	SAYFA NO
141190	RX 913-914	119
141224	JASX 16-17	145
141258	JASX 101-102	161
BSX 1024	BSX 102	95
BSX 121F 4	BSX 121	96
BSX 1244	BSX 124	96
BSX 134-144 4	BSX 134-144	96
BSX 135-145 4	BSX 135-145	97
BSX 137-143 4	BSX 137-143	97
BSX 1394	BSX 139	97
BSX 1404	BSX 140	97
BSX 1464	BSX 146	98
BSX 1474	BSX 147	98
BSX 1484	BSX 148	98
BSX 1494	BSX 149	98
BSX 151S 4	BSX 151	99
BSX 157-158 4	BSX 157-158	100
BSX 159-160 4	BSX 159-160	100
BSX 163-164 4	BSX 163-164	100
BSX 1654	BSX 165	101
BSX 1664	BSX 166	101
BSX 170-171 4	BSX 170-171	101
BSX 172-173 4	BSX 172-173	101
BSX 175-176 4	BSX 175-176	102
BSX 1774	BSX 177	102
BSX 178-179 4	BSX 178-179	102
BSX 180-181 4	BSX 180-181	102
BSX 186 4	BSX 186	103
BSX 190-191 4	BSX 190-191	104
BSX 192-193 4	BSX 192-193	104
BSX 194-195 4	BSX 194-195	104
BSX 1964	BSX 196	104
BSX 1974	BSX 197	105
BSX 206-2074	BSX 206-207	106
BSX 216-2174	BSX 216-217	107
BSX 220-2214	BSX 220-221	107
BSX 222-2234	BSX 222-223	108
BSX 34 4	BSX 34	90
BSX 35 4	BSX 35	90
BSX 43 4	BSX 43	91
BSX 49 4	BSX 49	91
BSX 70 4	BSX 70	92
BSX 74 4	BSX 74	92
BSX 75 4	BSX 75	93
BSX 76 4	BSX 76	93
BSX 96 4	BSX 96	94
BSX 98 4	BSX 98	94
BSX124	BSX 12	90
BX 185 2	BX 185	178

CARGO	MEGA	SAYFA NO
BX 201 2	BX 201	179
BX 202 2	BX 202	179
BX 203 2	BX 203	179
BX 204 2	BX 204	179
BX 209 2	BX 209	180
BX 210 2	BX 214	180
BX 213 2	BX 213	180
BX 215 2	BX 215	180
JSX 13 4	JSX 13	122
JSX 16 2	JSX 16	123
JSX 18 4	JSX 18	123
JSX 19 4	JSX 19	123
JSX 21-22	JSX 21-22	124
JSX23-24-28	JSX 23-24-28	123
JSX 31-32	JSX 31-32	125
JSX 33-34 4	JSX 33-34	125
JSX 35-36 4	JSX 35-36	125
JSX 35-37 4	JSX 35-37	126
JSX 38-39-40 3	JSX 38-39-40	126
JSX 38-41 2	JSX 38-41	126
JSX 5 2	JSX 5	122
JSX 9 4	JSX 9	122
JSX43-45-444	JSX 43-45-44 (4)	127
JSX 70-713	JSX 70-71	128
JSX 74-75-76-774	JSX 74-75-76-77	129
JX 16 2	JX 16	184
JX 30-31 2	JX 30-31	184
JX 42 2	JX 42	185
LASX 15-16 4	LASX 15-16	140
LASX 31 4	LASX 31	141
LASX 36 4	LASX 36	141
LASX 40-41 2P	LASX 40-41	142
LASX 42 4	LASX 42	142
LASX 5-6 2+1P	LASX 5-6	140
LASX 73-41 2+1P	LASX 73-41	142
LAX 23 2	LAX 23	189
LAX 29 2	LAX 29	190
LAX302	LAX 30	190
LAX 31-32 2	LAX 31-32	190
LAX 9 2	LAX 9	189
MASX 13-14 4	MASX 13-14	146
MASX 15-16 4	MASX 15-16	146
MASX 17-18 4	MASX 17-18	146
MASX 19-20 4	MASX 19-20	146
MASX 21-22 4	MASX 21-22	147
MASX 23-24 4	MASX 23-24	147
MASX 25-26 4	MASX 25-26	147
MASX 27-28 4	MASX 27-28	147
PLX102	PLX 10	197

CARGO	MEGA	SAYFA NO
PSX 112 4	PSX 112	165
PSX 115-116 2	PSX 115-116	166
PSX119-1202	PSX 119-120	166
PSX122-123-124	PSX 122-123-124	166
PSX 129 2+1P	PSX 129	166
PSX 1304	PSX 130	167
PSX 1324	PSX 132	167
PSX 1332	PSX 133	167
PSX136-1374	PSX 136-137	168
PSX 138-139 2	PSX 138-139	168
PSX 140-141 4	PSX 140-141	168
PSX 81-82 4	PSX 81-82	164
PSX 83-84 4	PSX 83-84	165
PX 52-54 2	PX 52-54	198
PX 60 2	PX 60	198
RX 103 4	RX 122 H	115
RX 103F 2	RX 103 F	181
RX 104 4	RX 122	115
RX 124 H 6	RX 124 H	116
RX 134 4	RX 134	116
RX 135 4	RX 135	117
RX 87 4	RX 87	73
SVX 7 2	SVX 7	197
USX 73-85 2	USX 73-85	121
USX 91-92 2	USX 91-92	121
UX 79-80 2	UX 79-80/0	196

WAI	MEGA	SAYFA NO
68-9109	BSX 104	95
38-9102	BX 185	178
38-9103	BX 185	178
68-9107	BSX 75	93
68-9105	BSX 102	95
68-9126	BX 151	99
68-9128	BSX 149	98
68-9132	BSX 157-158	100
68-9131	BSX 157-158	100
68-9130	BSX 159-160	100
68-9129	BSX 159-160	100
68-9103	BSX 43	91
68-9102	BSX 49	91
81-91200	BX 59	176
68-9101	BSX 39	91
38-9100	BX 201	179
38-9100	BX 201	179
68-9145	BSX 166	101
68-9113	BSX 134	210
38-216	FX 67	186
68-223	FX 75	131

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WAI	MEGA	SAYFA NO
68-9300	JSX 13	122
38-8302	JAAX 24	191
68-9200	LASX 44	143
68-8200	JASX 84	160
68-8210	JASX 89	161
68-8100	JASX 81	136
68-8101	JASX 80	136
68-9116	BSX 96	94
38-8202	JAAX 28	194
38-8201	JAAX 35	194
38-9100	BX 202	179
68-8308	JASX 36	133
38-8105	JAAX 32	187
38-8306	JAAX 31	192
38-8204	JAAX 33	194
38-8307	JAAX 36	187
68-8214	JASX 18	156
68-8215	JASX 19	156
68-8220	JASX 52	158
68-8216	JASX 10	158
68-8217	JASX 11	158
68-8300	JASX 70	152
68-8118	JASX 75	135
68-8119	JASX 74	135
38-8107	JAAX 36	187
38-8108	JAAX 37	188
68-8900	JASX 21 (4)	156
68-9406	USX 60	121
68-9209	LASX 15	140
38-8200	JAAX 9	194
38-8300	JAAX 34	193
68-8203	JASX 22	157
68-9207	LASX 31	141
68-9206	LASX 36	141
68-8202	JASX 14	157
68-8107	JASX 33	132
68-8106	JASX 32	132
68-8105	JASX 56	134
68-8104	JASX 15	132
68-9301	JSX 16	123
38-8102	JAAX 20	187
68-8204	JASX 35	157
38-8303	JAAX 16	192
68-8110	JASX 67	135
68-8110	JASX 67	135
68-8108	JASX 66	135
68-8111	JASX 58	134
68-8129	JASX 55	134
68-8129-1	JASX 55	134

WAI	MEGA	SAYFA NO
68-8125	JASX 50	133
68-8131	JASX 59	134
68-8128 68-8136	JASX 49	133
68-8128-1	JASX 54	134
38-401 / 38-402	SVX 7/9	198
38-402	SVX 7/9	198
68-8305	JASX 83	161
68-8317	JASX 42	150
68-8315-1	JASX 41	150
68-8315	JASX 40	150
68-8314	JASX 43	150
68-8312-1	JASX 68	151
68-8312	JASX 40	150
68-8321	JASX 100	155
68-8208	JASX 77	159
68-8225	JASX 78	159
68-8226	JASX 79	160
38-104	RX 103	182
38-110	RX 106	182
38-105	RX 117	183
38-107	RX 119	183
68-109	RX 122	115
68-111	RX 122H	115
68-115	RX 124	116
68-117	RX 124H	116
38-115	RX 132	183
38-116	RX 133	183
68-112	RX 134	116
68-113	RX 134 H	116
68-129	RX 135	117
68-130	RX 135 H	117
68-137	RX 419	119
68-8400	RX 457	119
68-8401	RX 458	119
68-8402	RX 419	119
68-139	RX 911	119
38-119	RX 140	183
38-120	RX 141	183
68-152-24	RX 175-176	118
68-158	RX 175-176	118
68-100	RX 60	72
68-108	RX 69	113
68-110	RX 70	72
68-104	RX 87	73
38-100	RX 89	182
38-101	RX 90	182
68-116	RX 92	73

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

NIPPON DENSO	MEGA	SAYFA NO
21660-0130	JAAX 9	194
21660-0311	JAAX 33	194
21660-0330	JAAX 28	193
21660-0370	JAAX 38	194
21660-0390	JAAX 35	194
21660-0510	JAAX 35	194
21660-0530	JAAX 33	194
23740-0200	JASX 79	160
28099-3430	JASX 89	161
28099-3950	JASX 89	161
28099-3980	JASX 53	158
28099-5450	JASX 39	158
28099-6180	JASX 52	158
28510-0441	JASX 84	160
28510-0460	JASX 89	161
28510-0580	JASX 84	160
28510-0590	JASX 84	160
28510-0660	JASX 89	161
28510-0830	JASX 84	160
28510-5320	JASX 84	160
28510-5350	JASX 84	160
28510-5420	JASX 84	160
28510-0750	JASX 86-87	160
28530-0480	JASX 35	157
28531-0300	JASX 22	157
28531-0380	JASX 63	159
28531-0450	JASX 84	160
28531-0480	JASX 63	159
28531-0490	JASX 63	159
28531-0632	JASX 88	161
28531-0680	JASX 85	160
28531-0720	JASX 89	161
28531-0730	JASX 89	161
28531-0840	JASX 77	159
28531-0946	JASX 84	160
28531-5050	JASX 39 C	158

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NIPPON DENSO	MEGA	SAYFA NO
28531-0110	JASX 14	157
28531-0110	JASX 14	157

FCC	MEGA	SAYFA NO
JHTSX 7 M	JASX 15-6 (4)	132
JHTSX 9 M	JASX 56-3	134
FCC	MEGA	SAYFA NO
JHTSX 12 M	JASX 31	132
JHTSX 17	JASX 57-58	134
JHTSX 25	JASX 92-93	136
JHTSX 28	JASX 66-67	135
JHTSX 29	JASX 94-95	137
JHTSX 31	JASX 80-81	136
JHTSX 32	JASX 92-93	136
JHTSX 33	JASX 56-3/0	134
JHTSX 34	JASX 94-95	137
JHTSX 36	JASX 36-37	133
JHTSX 37	JASX 74-75	135
JHTSX 38	JASX 57-58	134
JHTSX 39	JASX 36-37	133
JHTSX 40	JASX 74	135
JHTSX 43	JASX 34-30	132
JHTSX 44	JASX 74-75	135
JHTSX 47	JASX 49-61	33
JHTX 10	JAAX 19	187
JHTX 11	JAAX 19	187
JHTX 18	JAAX 20	187
JHTX 18 M	JAAX 20	187
JHTX 19	JAAX 19	187
JHTX 20	JAAX 32	187
JHTX 23	JAAX 32	187
JHTX 27	JAAX 37	188
JHTX 5	JAAX 19	187
JHTX 6	JAAX 12	187
JHTX 7	JAAX 19	187
JMTSX 24	JASX 29	149
JMTSX 11	JASX 23	149
JMTSX 27	JASX 70	152
JMTSX 36	JASX 69-70	151
JMTSX 49	JASX 82-83	153
JMTSX 54	JASX 69-70	151
JMTSX 55	JASX 98-99	155
JMTSX 56	JASX 71-72	153
JMTSX 57	JASX 96-97	154
JMTSX 65	JASX 71	153
JMTSX 66	JASX 71	153
JMTSX 70	JAS 43	150
JMTSX 71	JAS 41	150
JMTX 14	JAAX 16	192

FCC	MEGA	SAYFA NO
JMTX 19	JAAX 25	191
JMTX 20	JAAX 25	191
JMTX 22	JAAX 24	191
JMTX 23	JAAX 25	191
JMTX 25	JAAX 25	191
JMTX 32	JAAX 24	191
JMTX 33	JAAX 31	192
JMTX 34	JAAX 31	192
JMTX 35	JAAX 34	193
JMTX 38	JAAX 36	187
JMTX 39	JAAX 31	192
JMTX 41	JAAX 36	187
JMTX 42	JAAX 34	193
JNDSX 8	JASX 35	157
JNDSX 25	JASX 63	159
JNDSX 31	JASX 88	161
JNDSX 31 M	JASX 88	161
JNDSX 32	JASX 84	160
JNDSX 33	JASX 84	160
JNDSX 34	JASX 85	160
JNDSX 35	JASX 77-78	159
JNDSX 36	JASX 86-87	160
JNDSX 37	JASX 53	158
JNDSX 39	JASX 39	158
JNDSX 39 T	JASX 39 C	158
JNDSX 41	JASX 52	158
JNDX 11	JAAX 9	194
JNDX 11 M	JAAX 9	194
JNDX 30	JAAX 28	194
JNDX 32	JAAX 33	194
JNDX 33	JAAX 38	194
JNDX 34	JAAX 35	194
JNDX 34 M	JAAX 35	194
JNDX 37	JAAX 35	194
JNDX 38	JAAX 33	194
JNKSX20	RX 419-420	119
JNKSX 28	JASX 79	160
JNKK6	JAAX 19	187

FUJI	MEGA	SAYFA NO
F-141	JASX 77-78	159
FA-101	JASX 66-67	135
FA-102	JASX 66-67	135
FD-140	JASX 63	159
FD-151	JASX 52	158
FD-154	JASX 84	160
FD-155	JASX 89	161
FD-156	JASX 88	161
FD-157	JASX 63	159

FCC	MEGA	SAYFA NO
FD-158	JASX 85	160
FD-159	JASX 85	160
FD-160	JASX 85	160
FD-161	JASX 77-78	159
FD-163	JASX 84	160
FD-165	JASX 84	160
FD-166	JASX 77-78	159
FD-167	JASX 39 C	158
FD-168	JASX 77-78	159
FD-169	JASX 84	160
FD-170	JASX 52	158
FD-311	JAAX 9	194
FD-312	JAAX 9	194
FD-313	JAAX 28	194
FD-315	JAAX 33	194
FD-316	JAAX 35	194
FD-317	JAAX 33	194
FD-318	JAAX 35	194
FD-319	JAAX 35	194
FE-123	JASX 84	160
FE-124	JASX 84	160
FE-143	JASX 88	161
FE-167	JASX 77-78	159
FE-303	JAAX 19	187
FE-304	JAAX 19	187
FE-306	JAAX 19	187
FE-310	JAAX 9	194
FE-316	JAAX 19	187
FE-317	JAAX 19	187
FE-318	JAAX 20	187
FE-319	JAAX 35	194
FE-320	JAAX 35	194
FF-110	JASX 57-58	134
FF-111	JASX 57-58	134
FF-117	JASX 66-67	135
FF-118	JASX 66-67	135
FF-120	JASX 66-67	135
FF-121	JASX 66-67	135
FF-122	JASX 66-67	135
FF-124	JASX 39 C	158
FF-125	JASX 84	160
FF-128	JASX 85	160
FF-132	JASX 84	160
FF-134	JASX 85	160
FF-135	JASX 84	160
FF-146	JASX 84	160
FF-150	JASX 66-67	135
FF-151	JASX 66-67	135
FF-155	JASX 84	160

KÖMÜRLER / BRUSHES

FUJI	MEGA	SAYFA NO
FF-156	JASX 84	160
FF-157	JASX 84	160
FF-158	JASX 39 C	158
FF-303	JAAX 20	187
FF-304	JAAX 20	187
FF-308	JAAX 9	194
FF-310	JAAX 32	187
FF-313	JAAX 20	187
FF-314	JAAX 20	187
FF-315	JAAX 20	187
FF-316	JAAX 20	187
FF-319	JASX 39	158
FF-321	JAAX 35	194
FF-322	JAAX 34	193
FF-323	JAAX 20	187
FF-325	JAAX 35	194
FH-123	JASX 88	161
FH-125	JASX 94-95	137
FH-126	JASX 94-95	137
FH-145	JASX 88	161
FH-303	JAAX 12	187
FH-304	JAAX 19	187
FH-306	JAAX 33	194
FH-307	JAAX 33	194
FH-318	JAAX 9	194
FH-323	JAAX 9	194
FH-324	JAAX 9	194
FI-001	JASX 74-75	135
FI-002	JASX 36-37	133
FI-003	JASX 36-37	133
FI-025	JASX 88	161
FI-027	JASX 88	161
FI-029	JASX 89	161
FI-030	JASX 88	161
FI-040	JASX 89	161
FI-041	JASX 85	160
FI-046	JASX 36-37	133
FI-051	JASX 92-93	136
FI-052	JASX 92-93	136
FI-053	JASX 74	135
FI-054	JASX 74-75	135
FI-055	JASX 74-75	135
FI-056	JASX 74-75	135
FI-061	JASX 77-78	159
FI-065	JASX 39 C	158
FI-066	JASX 79	160
FI-080	JASX 89	161
FI-081	JASX 89	161
FI-085	JASX 89	161

FUJI	MEGA	SAYFA NO
FI-086	JASX 52	158
FI-109	JASX 15-6 (4)	132
FI-116	JASX 32-33	132
FI-118	JASX 56-3	134
FI-120	JASX 31	132
FI-130	JASX 92-93	136
FI-131	JASX 92-93	136
FI-133	JASX 57-58	134
FI-134	JASX 57-58	134
FI-159	JASX 94-95	137
FI-168	JASX 66-67	135
FI-172	JASX 92-93	136
FI-173	JASX 92-93	136
FI-174	JASX 94-95	137
FI-175	JASX 94-95	137
FI-181	JASX 94-95	137
FI-182	JASX 94-95	137
FI-185	JASX 94-95	137
FI-186	JASX 94-95	137
FI-189	JASX 66-67	135
FI-191	JASX 77-78	159
FI-192	JASX 66-67	135
FI-193	JASX 66-67	135
FI-194	JASX 80-81	136
FI-195	JASX 80-81	136
FI-196	JASX 36-37	133
FI-197	JASX 36-37	133
FI-198	JASX 34-30	132
FI-200	JASX 74-75	135
FI-304	JAAX 19	187
FI-315	JAAX 12	187
FI-320	JAAX 19	187
FI-321	JAAX 19	187
FI-322	JAAX 19	187
FI-323	JAAX 20	187
FI-324	JAAX 20	187
FI-327	JAAX 19	187
FI-329	JAAX 19	187
FI-330	JAAX 19	187
FI-331	JAAX 9	194
FI-339	JAAX 19	187
FI-340	JAAX 19	187
FI-347	JAAX 19	187
FI-353	JAAX 20	187
FI-354	JAAX 20	187
FI-355	JAAX 32	187
FI-356	JAAX 32	187
FI-357	JAAX 32	187
FI-358	JAAX 20	187

FUJI	MEGA	SAYFA NO
FI-359	JAAX 20	187
FI-360	JAAX 20	187
FI-361	JAAX 20	187
FI-364	JAAX 33	194
FI-368	JAAX 19	187
FI-371	JAAX 20	187
FI-372	JAAX 20	187
FI-373	JAAX 20	187
FI-374	JAAX 20	187
FI-376	JAAX 20	187
FI-378	JAAX 20	187
FI-381	JAAX 32	187
FI-384	JAAX 19	187
FI-391	JAAX 32	187
FI-393	JAAX 35	194
FI-398	JAAX 20	187
FI-403	JAAX 33	194
FI-404	JAAX 35	194
FI-406	JAAX 20	187
FI-407	JAAX 32	187
FJ-002	JASX 71	153
FJ-005	JASX 71	153
FJ-007	JASX 85	160
FJ-012	JASX 71-72	153
FJ-016	JASX 88	161
FJ-025	JASX 96-97	154
FJ-026	JASX 98-99	155
FJ-029	JASX 39 C	158
FJ-030	JASX 98-99	155
FJ-125	JASX 35	157
FJ-126	JASX 70	152
FJ-150	JASX 69-70	151
FJ-151	JASX 69-70	151
FJ-178	JASX 69-70	151
FJ-183	JASX 82-83	153
FJ-184	JASX 82-83	153
FJ-189	JASX 70	152
FJ-190	JASX 98-99	155
FJ-191	JASX 70	152
FJ-192	JASX 96-97	154
FJ-192 H	JASX 96-97/K	154
FJ-192-TR	JASX 98-99/K	155
FJ-194	JASX 70	152
FJ-195	JASX 88	161
FJ-200	JASX 70	152
FJ-307	JAAX 16	192
FJ-309	JAAX 25	191
FJ-312	JAAX 25	191
FJ-323	JAAX 9	194

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FUJI	MEGA	SAYFA NO
FJ-324	JAAX 24	191
FJ-325	JAAX 25	191
FJ-333	JAAX 9	194
FJ-334	JAAX 25	191
FJ-336	JAAX 24	191
FJ-337	JAAX 24	191
FJ-342	JAAX 24	191
FJ-343	JAAX 31	192
FJ-344	JAAX 24	191
FJ-345	JAAX 31	192
FJ-346	JAAX 33	194
FJ-347	JAAX 34	193
FJ-350	JAAX 35	194
FJ-352	JAAX 36	187
FJ-354	JAAX 34	193
FJ-358	JAAX 35	194
FK-107	JASX 84	160
FK-109	JASX 84	160
FK-113	JASX 66-67	135
FK-114	JASX 66-67	135
FK-115	JASX 89	161
FK-118	JASX 66-67	135
FK-119	JASX 66-67	135
FK-124	JASX 63	159
FK-125	JASX 85	160
FK-127	JASX 63	159
FK-128	JASX 89	161
FK-129	JASX 86-87	160
FK-131	JASX 39 C	158
FK-139	JASX 84	160
FK-140	JASX 84	160
FK-301	JAAX 19	187
FK-302	JAAX 19	187
FK-303	JAAX 9	194
FK-315	JAAX 35	194
FK-316	JAAX 35	194
FM-109	JASX 29	149
FM-121	JASX 70	152
FM-135	JASX 69-70	151
FM-136	JASX 69-70	151
FM-152	JASX 82-83	153
FM-153	JASX 82-83	153
FM-160	JASX 98-99	155
FM-161	JASX 71	153
FM-162	JASX 71	153
FM-164	JASX 70	152
FM-166	JASX 71	153
FM-167	JASX 77-78	159
FM-168	JASX 85	160

FUJI	MEGA	SAYFA NO
FM-171	JASX 85	160
FM-178	JASX 71-72	153
FM-181	JASX 74-75	135
FM-182	JASX 74-75	135
FM-183	JASX 82-83	153
FM-184	JASX 82-83	153
FM-185	JASX 39 C	158
FM-302	JAAX 16	192
FM-304	JAAX 25	191
FM-305	JAAX 25	191
FM-307	JAAX 25	191
FM-309	JAAX 25	191
FM-310	JAAX 16	192
FM-311	JAAX 32	187
FM-312	JAAX 24	191
FM-313	JAAX 9	194
FM-314	JAAX 24	191
FM-315	JAAX 24	191
FM-317	JAAX 9	194
FM-318	JAAX 33	194
FM-319	JAAX 34	193
FM-320	JAAX 35	194
FM-321	JAAX 32	187
FM-322	JAAX 32	187
FM-323	JAAX 32	187
FM-324	JAAX 36	187
FM-325	JAAX 34	193
FM-326	JAAX 34	193
FM-327	JAAX 36	187
FN-006	JASX 36-37	133
FN-007	JASX 36-37	133
FN-015	JASX 66-67	135
FN-016	JASX 66-67	135
FN-018	JASX 36-37	133
FN-027	JASX 70	152
FN-028	JASX 70	152
FN-030	JASX 98-99	155
FN-031	JASX 96-97	154
FN-126	JASX 29	149
FN-127	JASX 29	149
FN-197	JASX 56-3/0	134
FN-302	JAAX 12	187
FN-305	JAAX 19	187
FN-312	JAAX 16	192
FN-317	JAAX 19	187
FN-318	JAAX 25	191
FN-330	JAAX 20	187
FN-331	JAAX 20	187
FN-333	JAAX 19	187

FUJI	MEGA	SAYFA NO
FN-336	JAAX 16	192
FN-342	JAAX 20	187
FN-343	JAAX 24	191
FN-344	JAAX 20	187
FN-346	JAAX 20	187
FN-349	JAAX 31	192
FN-352	JAAX 24	191
FN-355	JAAX 20	187
FN-356	JAAX 32	187
FN-357	JAAX 20	187
FN-359	JAAX 20	187
FN-360	JAAX 20	187
FN-361	JAAX 20	187
FN-362	JAAX 20	187
FN-368	JAAX 32	187
FN-372	JAAX 31	192
FN-373	JAAX 32	187
FN-376	JAAX 32	187
FN-377	JAAX 20	187
FN-379	JAAX 20	187
FN-380	JAAX 20	187
FN-382	JAAX 34	193
FN-383	JAAX 36	187
FN-385	JAAX 32	187
FN-389	JAAX 20	187
FN-390	JAAX 32	187
FN-391	JAAX 37	188
FN-393	JAAX 37	188
FN-394	JAAX 36	187
FN-395	JAAX 37	188
FN-396	JAAX 37	188
FN-400	JAAX 36	187
FN-402	JAAX 37	188
FO-301	JAAX 20	187
FO-302	JAAX 20	187
FR-302	JAAX 9	194
FR-303	JAAX 33	194
FS-125	JASX 39 C	158
FS-127	JASX 85	160
FS-301	JAAX 9	194
FS-304	JAAX 9	194
FS-309	JAAX 35	194
FS-310	JAAX 35	194
FT-114	JASX 63	159
FS-123	JASX 53	158
FT-124	JASX 84	160
FT-127	JASX 84	160
FT-128	JASX 88	161
FT-129	JASX 89	161

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FUJI	MEGA	SAYFA NO
FT-130	JASX 85	160
FT-133	JASX 77-78	159
FT-139	JASX 84	160
FT-140	JASX 52	158
FT-142	JASX 88	161
FT-143	JASX 39 C	158
FT-147	JASX 84	160
FT-148	JASX 84	160
FT-149	JASX 84	160
FT-150	JASX 84	160
FT-151	JASX 84	160
FT-305	JAAX 9	194
FT-313	JAAX 33	194
FT-314	JAAX 38	194
FT-315	JAAX 38	194
FT-316	JAAX 35	194
FT-317	JAAX 35	194
FT-318	JAAX 35	194
FT-319	JAAX 33	194
FU-101	JASX 88	161
FV-301	JAAX 20	187
FV-302	JAAX 20	187
FW-111	JASX 94-95	137
FW-112	JASX 94-95	137
FW-116	JASX 84	160
FW-117	JASX 84	160
FW-301	JAAX 20	187
FW-302	JAAX 20	187
FW-303	JAAX 9	194
FY-105	JASX 36-37	133
FY-106	JASX 36-37	133
FY-111	JASX 66-67	135
FY-112	JASX 66-67	135
FY-113	JASX 80-81	136
FY-114	JASX 80-81	136
FY-123	JASX 92-93	136
FY-124	JASX 92-93	136
FY-125	JASX 92-93	136
FY-126	JASX 92-93	136
FY-127	JASX 94-95	137
FY-128	JASX 94-95	137
FY-129	JASX 94-95	137
FY-130	JASX 94-95	137
FY-138	JASX 36-37	133
FY-139	JASX 36-37	133
FY-140	JASX 84	160
FY-143	JASX 36-37	133
FY-148	JASX 74-75	135
FY-149	JASX 94-95	137

FUJI	MEGA	SAYFA NO
FY-150	JASX 94-95	137
FY-151	JASX 36-37	133
FY-153	JASX 94-95	137
FY-155	JASX 84	160
FY-156	JASX 84	160
FY-157	JASX 77-78	159
FY-158	JASX 85	160
FY-159	JASX 88	161
FY-302	JAAX 20	187
FY-303	JAAX 20	187
FY-304	JAAX 20	187
FY-305	JAAX 20	187
FY-306	JAAX 19	187
FY-307	JAAX 20	187
FY-309	JAAX 20	187
FY-313	JAAX 19	187
FY-314	JAAX 19	187
FY-315	JAAX 20	187
FY-317	JAAX 9	194
FY-318	JAAX 34	193
FY-321	JAAX 32	187
FZ-107	JASX 84	160
FZ-108	JASX 88	161
FZ-109	JASX 63	159
FZ-301	JAAX 9	194

HITACHI	MEGA	SAYFA NO
2114-04313	JASX 57	134
2114-05312	JASX 66	135
2114-08312	JASX 58	134
2114-08313	JASX 67	135
2114-2313	JASX 32-33	132
2114-23124	JASX 50	133
2114-3315	JASX 66	135
2114-53126	JASX 55	134
2114-59002	JASX 80	136
2114-63121	JASX 50	133
2114-63125	JASX 49	133
2114-63126	JASX 54	134
2114-6313	JASX 67	135
2114-6313	JASX 67	135
2114-69002	JASX 81	136
2114-73122	JASX 50	133
2114-73123	JASX 59	134
2114-83121	JASX 51	133
2114-83122	JASX 50	133
2114-83123	JASX 60	135
2114-8313	JASX 67	135
2114-93122	JASX 50	133

FUJI	MEGA	SAYFA NO
2120-02601	JASX 95	154
2120-1311	JASX 56-3	134
2120-7312	JASX 56-3/0	134
2130-01310	JASX 95	154
2130-01312	JASX 92	136
2130-02312	JASX 92	136
2130-03311	JASX 92	136
2130-04311	JASX 92	136
2130-04312	JASX 93	136
2130-05312	JASX 36	133
2130-07311	JASX 93	136
2130-07312	JASX 75	136
2130-08311	JASX 37	133
2130-13111	JASX 74	135
2130-23112	JASX 74	135
2130-6312	JASX 34-30	132
2240-01311	JASX 75	136
2240-01312	JASX 75	136
2250-1322	JASX 31	132
2250-01324	JASX 95	154
2250-02323	JASX 94	137
2250-04322	JASX 95	154
2250-05322	JASX 37	133
2250-05323	JASX 37	133
2280-1312	JASX 27	131
2280-1313	JASX 26	131

ISKRA	MEGA	SAYFA NO
16 770 002	BX 202	179
16 770 114	BX 202	179
16 770 188	JX 42	185
16 770 206	PX 60	198
16 905 13	JSX 13	122
16 905 226	BSX 96	94
16 905 235	BSX 157-158	100
16 905 247	BSX 151	99
16 905 294	BSX 102	95
16 905 375	BSX 135-145	97
16 905 376	BSX 134-144	96
16 905 380	BSX 100	94
16 905 387	BSX 34	90
16 905 388	BSX 34	90
16 905 389	BSX 35	90
16 905 392	BSX 96	94
16 905 767	BSX 102	95
16 905 825	BSX 139	97
16 970 206	PX 60	198

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LUCAS	MEGA	SAYFA NO
227 305	LAX 9	189
227 541	LAX 23	189
251 108	LASX 5-6	140
271 735	LASX 15-16	140
271 735-1	LASX 15-27	140
54 202 906	LAX 82	191
54 203 641	LAX 80-81/0	190
54 213 117	LAX 23	189
54 244 848	LASX 40-41	142
54 244 979	LASX 42	142
54 258 592	LASX 31	141
54 259 517	LASX 36	141
60 600 056	LASX 40-41	142
60 600 205	LASX 46-47-48	143
60 600 767	LASX 73-41	142
60 600 780	LAX 80-81/0	190
60 600 911	LASX 87-77-78	144
60 600 953	LASX 86-79-80	144
TAB 106	LASX 30-31-32	141
TAB 114	LASX 46-47-48	143
TAB 117	LASX 40-41	142
TAB 118	LASX 36	141
TAB 119	LASX 31	141
TAB 125	LASX 15-27	140
TAB 128	LASX 5-6	140
TAB 131	LASX 87-77-78	144
ULB 109	LAX 30	190

MAGNETI MARELLI	MEGA	SAYFA NO
400 5010	JSX 9	122
404 2681	JX 16	184
404 5771	JSX 13	122
404 8287	JSX 6	122
407 3386	JSX 15	123
411 4432	JSX 16	123
417 4892	JSX 18	123
418 5547	JSX 19	123
419 0088	JX 30	134
425 5496	JSX 16	123
425 9228	JSX 5	122
427 8940	JX 30	134
429 7856	JX 30	134
447 5148	JSX 13	122
447 5184	JSX 13	122
5127 0652	JSX 21	124
5127 0764	JSX 31	125
5127 0765	JSX 32	125
5127 0803	JSX 29-30	125
5127 0805	JSX 29-30	125

MAGNETI MARELLI	MEGA	SAYFA NO
5174 5137	JSX 33	125
5174 5138	JSX 34	125
5420 2906	JX 43	185
7043 4401	BSX 35	90
7216 1301	MASX 26	147
7216 1302	MASX 25	147
7216 1303	MASX 28	147
7216 1304	MASX 27	147
7216 2401	MASX 22	147
7216 2402	MASX 21	147
7216 2403	MASX 24	147
7216 2404	MASX 23	147
7216 3201	MASX 13	146
7236 3202	MASX 14	146
7236 3203	MASX 15	146
7236 3204	MASX 16	146
7236 3205	MASX 15	146
7236 3206	MASX 16	146
7236 3207	MASX 15	146
7237 0901	BSX 12	90
7237 0902	BSX 12	90
7238 3701	MASX 17	146
7238 3702	MASX 18	146
7238 3703	MASX 19	146
7238 3704	MASX 20	146
7238 3705	MASX 19	146
7238 3706	MASX 20	146
7435 0331	BSX 36	91
7437 1190	BSX 12	90
7437 1200	BSX 12	90
7437 1260	BSX 43	91
7470 2610	JSX 9	122
7471 3201	JSX 6	122
7473 4101	JSX 15	123
7483 8701	JSX 18	123
7484 6001	JSX 19	123
7486 1781	JSX 16	123
7486 8171	JSX 5	122
7487 4701	JSX 13	122
7487 4741	JSX 13	122
7488 0941	JSX 21	124
7489 3801	JSX 29-30	125
7489 3811	JSX 29-30	125
7489 4381	JSX 31	125
7489 4391	JSX 32	125
7489 9061	JSX 31	125
7489 9071	JSX 32	125
7493 0001	JX 16	184
7499 5241	JX 30	134

MAGNETI MARELLI	MEGA	SAYFA NO
7499 9471	JX 30	134
7901 9316	MASX 17	146
7901 9317	MASX 18	146
7970 5021	JX 42	185
7970 7451	JX 42	185
80 5581	JSX 5	122
80 9775	JSX 6	122
8322 0401	JSX 33	125
8322 0411	JSX 34	125
8322 1191	JSX 35	125
8322 1201	JSX 36	125
8322 1681	JSX 37	126
8322 2631	JSX 33	125
8322 2651	JSX 34	125
8322 4481	JSX 38	126
8322 4621	JSX 42	127
8322 5264	JSX 39	126
8322 5265	JSX 40	126
8322 5266	JSX 41	126
8322 6189	JSX 38	126
8322 6919	JSX 53	128
8322 6920	JSX 54	128
8322 7258	JSX 33	125
8322 7470	JSX 59	127
8322 7490	JSX 40	126
8322 7491	JSX 39	126
8322 7657	JSX 63	128
8322 8257	JSX 34	125
85 3160	JSX 9	122
991 1443	BSX 36	91
992 7791	MASX 13	146
992 7792	MASX 14	146
992 8448	MASX 16	146
992 9080	MASX 15	146
993 5196	MASX 17	146
993 5197	MASX 18	146
995 6552	MASX 18	146
995 6556	MASX 17	146

MITSUBISHI	MEGA	SAYFA NO
A647X00771	JAAX 24	191
A647X10771	JAAX 24	191
A648C02970	JAAX 34	193
A648D01070	JAAX 25	191
A648D01071	JAAX 24	191
A648D01670	JAAX 24	191
A648D01671	JAAX 24	191
A648D01970	JAAX 31	192
A648D01971	JAAX 31	192

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mitsubishi	MEGA	SAYFA NO
A648D02070	JAAX 24	191
A648D02271	JAAX 24	191
A648D02570	JAAX 34	193
A648D02571	JAAX 34	193
A648D02770	JAAX 36	187
A648D03070	JAAX 36	187
A649T02971	JAAX 25	191
A649X04070	JAAX 24	191
A990D03070	JAAX 36	187
M647C00271	JASX 40	150
M647C00272	JASX 40	150
M647C00371	JASX 42	150
M647C00571	JASX 40	150
M647C00573	JASX 40	150
M647C00671	JASX 42	150
M647C00871	JASX 40	150
M647C01771	JASX 42	150
M647X02071	JASX 40	150
M647X02671	JASX 40	150
M647X03471	JASX 44-28	150
M647X04571	JASX 44-28	150
M647X05571	JASX 44-28	150
M647X05871	JASX 44-28	150
M648C10171	JASX 29	149
M648C10371B	JASX 70	152
M648C10671	JASX 29	149
M648C12170	JASX 69	152
M648C12370	JASX 69	152
M648C13770	JASX 70	152
M648C14870	JASX 83	161
M648C14871	JASX 83	161
M648C14970	JASX 82	153
M648C14971	JASX 82	153
M648C15070	JASX 83	161
M648C15372	JASX 98	155
M648C15472	JASX 99	155
M648C20371	JASX 47	151
M648C22371	JASX 47	151
M648C24471	JASX 48	151
M648C24472	JASX 48	151
M648C25671	JASX 71	153
M648C25672	JASX 72	153
M648C26371	JASX 96-97	154
M648C31171	JASX 41	150
M648C32971	JASX 43	150
M648C35871	JASX 100	155
M648C35871	JASX 100	155
M648D20671	JASX 48	151
M648D20771	JASX 48	151

mitsubishi	MEGA	SAYFA NO
M648X28271	JASX 98-99	155
M648X28671	JASX 96-97	154
M649T04372	JASX 90	153
M649T04372	JASX 90	153
MD602018	JAAX 25	191
MD602019	JAAX 25	191
MD602069	JASX 70	152
MD602226	JAAX 25	191
MD602458	JAAX 16	192
MD602468	JASX 69-70	151
MD602470	JASX 69-70	151
MD602750	JAAX 25	191
MD602783	JAAX 24	191
MD602797	JAAX 25	191
MD604018	JAAX 9	194
MD604240	JASX 22	157
MD604643	JASX 39	158
MD604916	JASX 85	160
MD607373	JAAX 24	191
MD607389	JASX 69-70	151
MD607420	JASX 69-70	151
MD607554	JASX 82-83	153
MD607556	JASX 82-83	153
MD607949	JASX 70	152
MD611024	JASX 71	153
MD611035	JAAX 34	193
MD611216	JASX 40-41	150
MD611217	JASX 40-41	150
MD611566	JAAX 34	193
MD611689	JAAX 36	187
MD611731	JASX 42-43	150
MD611918	JASX 42-43	150
MD618460	JASX 98-99	155
ME021981	JAAX 9	194
ME700047	JASX 71-72	153
ME700127	JASX 98-99	155
ME700140	JASX 96-97	154
ME700290	JASX 71-72	153
ME700424	JAAX 31	192
ME700858	JASX 71	153
ME700939	JASX 71-72	153
ME701169	JASX 96-97	154
ME701186	JAAX 31	192
ME701188	JASX 98-99	155
ME702997	JAAX 33	194
MM502344	JASX 70	152
MM502377	JAAX 31	192
618 691	USX 91-92	121
075 411	PX 52-54	198

VALEO	MEGA	SAYFA NO
092 859	SVX 7	197
092 967	SVX 7	197
095 788	PX 52-54	198
095 984	PX 52-54	198
096 026	PX 52-54	198
096 304	PX 52-54	198
096 322	PX 52-54	198
096 334	PX 52-54	198
182 051	PSX 138-139	168
182 054	PSX 140-141	168
182 064	PSX 115-116	166
182 065	PSX 129	166
182 066	PSX 133	167
182 067	PSX 133	167
182 068	PSX 130	167
182 071	PSX 115-116	166
182 114	PSX 81-82	164
182 116	PSX 115-116	166
182 118	PSX 132	167
182 132	PSX 83-84	165
182 134	PSX 83-84	165
VALEO	MEGA	SAYFA NO
182 145	PSX 83-84	165
182 146	PSX 112	165
182 194	USX 44-21	21
20 856	USX 73-85	121
300 679	PSX 81-82	164
300 687	PSX 130	167
300 706	PSX 133	167
300 722	PX 60	198
300 796	SVX 7	197
300 821	SVX 7	197
583 041	USX 91-92	121
594 060	PSX 148-149/0	170
594 062	PSX 148-149/0	170
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	121
609 778	USX 73-85	121
618 481	USX 60-59	121
618 491	USX 73-85	121
618 570	USX 60-59	121
72 592	PSX 115-116	166
72 617	PSX 115-116	166
72 619	PSX 115-116	166

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VALEO	MEGA	SAYFA NO
72 630	PSX 83-84	165
72 631	PSX 81-82	164
72 734	PSX 115-116	166
73 829	PSX 115-116	166
75 217	USX 44-21	21
75 238	USX 60-59	121
75 411	PX 52-54	198
75 707	PSX 132	167
78 865	PSX 83-84	165
78 900	PSX 112	165
92 435	PSX 115-116	166
92 655	PSX 115-116	166
92 878	PSX 129	166
92 883	PSX 130	167
92 914	PSX 133	167
92 925	PSX 132	167
594 286	PSX 89-90	165
182 070	PSX 119-120	166
182 073	PSX 122-123-124	166
300 841	PSX 136-137	168
0 1089 1	BSX 206-207	106
0 1094 1	BSX 216-217	107
0 1096 1	BSX 220-221	107
0 1098 1	BSX 233 (4)	110
0 1099 1	BSX 36	91
0 1100 1	BSX 12	90
0 1102 1	BSX 33	90
0 1103 1	BSX 34	90
0 1104 1	BSX 35	90
0 1105 1	BSX 39	91
0 1106 1	BSX 43	91
0 1121 1	BSX 70	92
0 1123 1	BSX 74	92
0 1124 1	BSX 75	93
0 1125 1	BSX 76	93
0 1127 1	BSX 85	93
0 1132 1	BSX 96	94
0 1136 1	BSX 100	94
0 1138 1	BSX 102	95
0 1147 1	BSX 134-144	96
0 1148 1	BSX 135-145	97
0 1149 1	BSX 137-143	97
0 1151 1	BSX 139	97
0 1152 1	BSX 140	97
0 1154 1	BSX 146	98
0 1155 1	BSX 147	98
0 1156 1	BSX 148	98
0 1157 1	BSX 149	98
0 1158 1	BSX 151	99

VALEO	MEGA	SAYFA NO
0 1162 1	BSX 152	99
0 1163 1	BSX 156	100
0 1165 1	BSX 157-158	100
0 1166 1	BSX 159-160	100
0 1168 1	BSX 163-164	100
0 1169 1	BSX 165	101
0 1170 1	BSX 197	105
0 1171 1	BSX 170-171	101
0 1172 1	BSX 172-173	101
0 1173 1	BSX 166	101
0 1174 1	BSX 177	102
0 1175 1	BSX 175-176	102
0 1176 1	BSX 178-179	102
0 1177 1	BSX 180-181	102
0 1179 1	BSX 186	103
0 1183 1	BSX 190-191	104
0 1184 1	BSX 192-193	104
0 1186 1	BSX 194-195	104
0 1187 1	BSX 196	104
0 1209 1	BSX 238	111
0 1212 1	BSX 234-235	110
0 1215 1	BSX 233 (6)	110
0 1216 1	BSX 229-230	109
0 1219 1	BSX 224-225	108
0 1220 1	BSX 222-223	108
0 1250 1	RX 120	115
0 1251 1	RX 120	115
0 1252 1	RX 911	119
0 1254 1	RX 419-420	119
0 1255 1	RX 457-458	119
0 1256 1	RX 122 H	115
0 1257 1	RX 124 H	116
0 1262 1	RX 119	183
0 1263 1	RX 140-141	183
0 1266 1	RX 103	182
0 1267 1	RX 103 F	181
0 1269 1	RX 106	182
0 1270 1	RX 117	183

IKA	MEGA	SAYFA NO
0 1272 1	RX 913-914	119
0 1280 1	RX 122	115
0 1281 1	RX 124	116
0 1282 1	RX 134	116
0 1283 1	RX 135	117
0 1284 1	RX 60	72
0 1285 1	RX 70	72
0 1287 1	RX 87	73
0 1290 1	RX 132-133	183

IKA	MEGA	SAYFA NO
0 1294 1	RX 120/0 (2)	114
0 1295 1	RX 120/0(4)	114
0 1296 1	RX 92	73
0 1321 1	UX 79-80/0	196
0 1351 1	USX 44-21	21
0 1355 1	USX 60-59	121
0 1361 1	USX 73-85	121
0 1367 1	USX 91-92	121
0 1405 1	JX 16	184
0 1415 1	JX 30-31	184
0 1433 1	JX 42	185
0 1434 1	JX 43	185
0 1451 1	JSX 5	122
0 1454 1	JSX 9	122
0 1457 1	JSX 13	122
0 1458 1	JSX 15	123
0 1459 1	JSX 16	123
0 1461 1	JSX 18	123
0 1462 1	JSX 19	123
0 1464 1	JSX 21-22	124
0 1466 1	JSX 23-24-28	123
0 1470 1	JSX 31-32	125
0 1471 1	JSX 33-34	125
0 1472 1	JSX 35-36	125
0 1473 1	JSX 35-37	126
0 1474 1	JSX 38-39-40	126
0 1475 1	JSX 38-41	126
0 1478 1	JSX 43-45-44 (4)	127
0 1490 1	JSX 70-71	128
0 1492 1	JSX 74-75-76-77	129
0 1526 1	FX 67	186
0 1527 1	FX 70-71	129
0 1528 1	FX 70-72	129
0 1550 1	LAX 9	189
0 1553 1	LAX 23	189
0 1558 1	LAX 29	190
0 1559 1	LAX 30	190
0 1561 1	LAX 31-32	190
0 1569 1	LAX 80-81/0	190
0 1570 1	LAX 82	191
0 1692 1	PLX 10	197
0 1603 1	LASX 76	144
0 1604 1	LASX 5-6	140
0 1608 1	LASX 15-16	140
0 1609 1	LASX 15-27	140
0 1612 1	LASX 46-47-48	143
0 1613 1	LASX 30-31-32	141
0 1614 1	LASX 31	141
0 1615 1	LASX 36	141

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İKA	MEGA	SAYFA NO
0 1617 1	LASX 40-41	142
0 1618 1	LASX 42	142
0 1621 1	LASX 73-41	142
0 1623 1	LASX 86-79-80	144
0 1624 1	LASX 87-77-78	144
0 1663 1	MASX 13-14	146
0 1664 1	MASX 15-16	146
0 1665 1	MASX 17-18	146
0 1666 1	MASX 19-20	146
0 1668 1	MASX 21-22	147
0 1669 1	MASX 23-24	147
0 1670 1	MASX 25-26	147
0 1671 1	MASX 27-28	147
0 1690 1	PLSX 3	163
0 1712 1	PX 52-54	198
0 1719 1	PX 60	198
0 1746 1	PSX 81-82	164
0 1747 1	PSX 89-90	165
0 1750 1	PSX 83-84	165
0 1755 1	PSX 112	165
0 1757 1	PSX 115-116	166
0 1760 1	PSX 119-120	166
0 1761 1	PSX 122-123-124	166
0 1766 1	PSX 129	166
0 1767 1	PSX 130	167
0 1769 1	PSX 132	167
0 1770 1	PSX 133	167
0 1771 1	PSX 136-137	168
0 1774 1	PSX 148-149/0	0
0 1775 1	PSX 138-139	168
0 1776 1	PSX 140-141	168
0 1779 1	PSX 142-143	169
0 1781 1	SVX 7	197
0 1782 1	SVX 10	198
0 1800 1	HPIX 1	200
0 1802 1	HPIX 3	200
0 1803 1	HPIX 4	200
0 1900 1	JAAX 9	194
0 1901 1	JAAX 12	187
0 1902 1	JAAX 16	192
0 1905 1	JAAX 20	187
0 1906 1	JAAX 19	187
0 1909 1	JAAX 31	192
0 1910 1	JAAX 24	191
0 1911 1	JAAX 25	191
0 1912 1	JAAX 32	187
0 1913 1	JAAX 33	194
0 1914 1	JAAX 34	193
0 1915 1	JAAX 35	194

İKA	MEGA	SAYFA NO
0 1916 1	JAAX 36	187
0 1917 1	JAAX 28	194
0 1918 1	JAAX 37	188
0 1919 1	JAAX 38	194
0 1933 1	JASX 101-102	161
0 1933 1	JASX 101-102	161
0 1934 1	JASX 34-30	132
0 1935 1	JASX 35	157
0 1937 1	JASX 36-37	133
0 1938 1	JASX 39	158
0 1939 1	JASX 39 C	158
0 1940 1	JASX 14	157
0 1941 1	JASX 44-28	150
0 1942 1	JASX 15-6 (4)	132
0 1943 1	JASX 1	156
0 1945 1	JASX 22	157
0 1946 1	JASX 2	156
0 1948 1	JASX 49-61	33
0 1949 1	JASX 29	149
0 1950 1	JASX 59-60	135
0 1951 1	JASX 32-33	132
0 1952 1	JASX 31	132
0 1953 1	JASX 40-41	150
0 1954 1	JASX 42-43	150
0 1956 1	JASX 45-46	151
0 1957 1	JASX 47-48	151
0 1958 1	JASX 56-3/0	134
0 1959 1	JASX 56-3	134
0 1960 1	JASX 57-58	134
0 1961 1	JASX 50-51	133
0 1962 1	JASX 52	158
0 1963 1	JASX 53	158
0 1964 1	JASX 54-55	133
0 1966 1	JASX 63	159
0 1967 1	JASX 70	152
0 1969 1	JASX 66-67	135
0 1971 1	JASX 69-70	151
0 1972 1	JASX 71-72	153
0 1973 1	JASX 71	153
0 1974 1	JASX 74-75	135
0 1975 1	JASX 74	135
0 1977 1	JASX 77-78	159
0 1978 1	JASX 26-27	132
0 1979 1	JASX 24-25	156
0 1980 1	JASX 23	149
0 1982 1	JASX 80-81	136
0 1983 1	JASX 82-83	153
0 1984 1	JASX 84	160
0 1985 1	JASX 85	160

İKA	MEGA	SAYFA NO
0 1986 1	JASX 86-87	160
0 1987 1	JASX 21 (4)	156
0 1988 1	JASX 88	161
0 1989 1	JASX 90	153
0 1990 1	JASX 91	154
0 1991 1	JASX 89	161
0 1996 1	JASX 18-19	157
0 1997 1	JASX 79	160
0 1998 1	JASX 16-17	145
0 1999 1	JASX 100	155

FORD VISTEON	MEGA	SAYFA NO
F00U-11055-AA	FX 70-71	129
F00U-11056-AA	FX 70-71	129
F00U-11056-AA	FX 70-72	129
F3RU-11055-AA	FX 70-72	129
F1DU-10260-AA	FX 67	186
502 680 6	FX 68	186
5 026 806	FX 73	130
F7RU-11434-BA	FX 74	130
F7 RU-11056-CA	FX 75	131
1C3U-11434-AA	FX 76-77	131



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