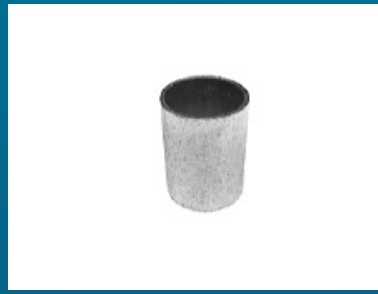




2013 Edition

WAGNER

BUSHINGS



Wagner Alternators & Supplies, Inc.

Mailing Address: PO Box 2680 Chino Hills CA 91709
Corporate Office: 13352 Elliot Ave Chino CA 91710
Telephone: (800) 345-5927 (909) 465-1950 Fax: (909) 465-5032

Web Site: www.wagneralt.com

TERMS

CREDIT / PAYMENT TERMS

C.O.D. terms are cash or company check. Terms are C.O.D. until credit has been established by completing a credit application and being approved by WAGNER. An open account is Net 30 days from invoice date. Monthly statements will be mailed for your convenience.

Accounts exceeding 30 days are subject to 1.5% per month finance charge. Any account proceeding into 60 days past due status shall have all charge privileges suspended until account is paid in full, or at the discretion of management. Returned checks will be subject to a \$25.00 charge.

ORDER TERMS

Wagner Alternators & Supplies, Inc. reserves the right to accept any order or part thereof. **Orders under \$25 are subject to a \$2.50 special handling fee.**

SHIPPING TERMS

Merchandise is billed at the time of shipment. All prices are F.O.B., Chino, California, freight collect unless otherwise agreed in writing in advance by WAGNER. Orders are shipped via U.P.S., Federal Express, OnTrac or other common carriers unless otherwise specified at the time of order.

Shortages or incorrect merchandise must be reported within 10 days after receipt.

RETURNS

Any Return must be authorized in advance with a **RMA Number** and **must include** documentation of contents, original invoice number and reason for return. All boxes must have RMA number on outside of box. Returned merchandise may be subject to a 15% restocking charge and must be in the original box or package. **Unauthorized returns** are subject to 30% handling charge and/or return to customer.

LIMITED MANUFACTURER'S WARRANTY

Wagner's liability is limited to the repair, replacement or credit for the value of the product sold within one year of invoice date. If product is found to be defective, Wagner will not be responsible beyond the value of the defective piece, nor in any way be responsible for any damages or expenses caused by defective goods. Wagner is not responsible for any misuse of its products. Wagner will not be liable to replace any part which has been altered, defaced, modified, or treated in such a way the company finds unacceptable.

PRICING TERMS

Wagner Alternators & Supplies, Inc. will make every effort to keep its customers informed of any price changes. Wagner reserve the right to change prices without notice. From time to time, we may find it necessary to apply a surcharge occasionally to offset additional import costs. Any such charge will be noted on the invoice and we will do our best to inform the customer at the time the order is placed. All invoices reflect prices in effect at time of shipment.

Care is taken to ensure the accuracy of descriptions for each item, but Wagner assumes no responsibility for possible errors. **Permission to reproduce this catalog and/or contents is expressly denied.**

WAGNER NUMBERING SYSTEM

We have developed a simple yet efficient part numbering system that allows grouping of the foreign electrical components by application (Alternator, Generator, or Starter), type of part (Rectifier, Brush, Solenoid, Etc.) and Manufacturer (Bosch, Lucas, Etc.).

EXAMPLE: W080-00H

The first letter signifies type of part:

W-Wagner Import Line	C- Chrysler
D-Delco	F-Ford
L-Leece Neville	M-Motorola
N-Nikko	P-Prestolite

The first two numerical digits represent the component classification:

ALTERNATOR

01-Covers
02-Bearings, Ball & Needle
03-Brushes
04-Diodes, Diode Trios
05-Pulleys
06-Rectifiers
07-Rotors
08-Int. Voltage Regulators
09-Ext. Voltage Regulators
10-Stators
11-Alternator Small Parts
12-Alternator CE Frames
13-Alternator DE Frame
14-Wire Harness/Repair Plugs
15-Brush Holders
16-Slip Rings

18-Grease/Paint/Supplies
19-Tools/Test Equipment

GENERATOR

27-Brushes

STARTER

40-Armatures
41-Brushes
42-Bushings
45-Solenoids
46-Solenoid Caps
47-Starter Drives
48-Starter Small Parts
50-Brush Holders
51-Housings

If a third digit shows, it represents the original Manufacturer in our Import line:


0 - Bosch	3 - Fiat, Magneti Marelli	6 - Motorola
1 - Lucas, Cav, Butec	4 - SEV	7 - Ducellier
2 - Paris Rhone, Valeo	5 - All Japanese	8 - Iskra

The final two numerical digits designate the specific identification number within each category. If the part number is not immediately followed by a letter, then it is an aftermarket replacement part. Otherwise, one of the following may be used:

"N" Denotes Original OEM Part "H" Denotes Hybrid
"S" Denotes Sold in Set

Original Manufacturer names and numbers are used for reference purposes only.

BOSCH



W420-00
BOSCH STARTER BUSHING

ACME BERTOLINI	ALFA ROMEO BMW	AUDI BMW MARINE
-------------------	-------------------	--------------------

1-000-301-001 1-000-301-034 1-000-301-046
133-24000 4442 62-91403


16257 16296 16299 16300 16313 16314
16315 16318 16319 16320 16321 16323

0-001-157-001 0-001-157-002 0-001-157-003
0-001-157-004 0-001-157-006 0-001-157-007
0-001-157-008 0-001-157-012 0-001-157-013

12.53 ID x 16.49 OD x 11.5mm L

CE BUSHING

BOSCH



W420-03
BOSCH STARTER BUSHING

AGRIA BPM	ATLAS BUKH	BOMAG CARRARO
--------------	---------------	------------------

133-24010 2-000-301-001 2-000-301-009
2-000-301-133 4642 62-91501


16293 16363 16364 16365 16563 16564
16565 16566 17074 17106 17109 17112

0-001-354-006 0-001-354-012 0-001-354-016
0-001-354-018 0-001-354-027 0-001-354-031
0-001-354-038 0-001-354-042 0-001-354-048

14.05 ID x 17.58 OD x 15.0mm L

CE BUSHING

BOSCH



W420-06
BOSCH STARTER BUSHING

ACME ALFA ROMEO	AGRIA AUDI	AIFO AVIA
--------------------	---------------	--------------

133-24015 2-000-301-043 23111
4677 62-91502 78GB-11135-DA


16293 16294 16445 16544 16558 16560
16562 16564 16565 16567 16715 16752

0-001-356-003 0-001-357-002 0-001-362-020
0-001-362-034 0-001-362-035 0-001-362-036
0-001-362-037 0-001-362-038 0-001-362-039

14.05 ID x 18.02 OD x 13.8mm L

CE BUSHING

BOSCH



W420-01
BOSCH STARTER BUSHING

AGRIA AVIA	AIFO BAUDOIN MARINE	ATLAS BMW
---------------	------------------------	--------------

133-24008 2-000-301-000 62-91407
733F-11186-AA TCB412


16293 16294 16363 16364 16365 16558
16559 16560 16563 16564 16565 16566

0-001-230-001 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 0-001-230-012

12.53 ID x 16.52 OD x 17.9mm L

DE BUSHING

BOSCH



W420-04
BOSCH STARTER BUSHING

ALFA ROMEO BMW MARINE	AUDI BOMAG	BMW BPM
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1-000-301-011 133-24004 62-91402
71BB-11186-AA TCB402

16257 16296 16299 16346 16354 16356
16360 16362 16405 16407 16412 16445

0-001-218-004 0-001-218-012 0-001-218-013
0-001-218-018 0-001-218-025 0-001-218-107
0-001-218-111 0-001-218-138 0-001-218-139

12.04 ID x 16.10 OD x 15.9mm L

DE BUSHING

BOSCH



W420-07
BOSCH GENERATOR BUSHING

BMW	MERCEDES	OPEL
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1-100-301-003


15078 15234

0-101-206-024 0-101-206-025 0-101-206-060
0-101-206-096

15.05 ID x 22.02 OD x 12.6mm L

CE BUSHING

BOSCH



W420-02
BOSCH STARTER BUSHING

AGRIA BUKH	BOMAG CARRARO	BPM CLAAS
---------------	------------------	--------------

133-24009 2-000-301-002 2-000-301-140
23113 62-91406


16293 16363 16364 16365 16564 16566
17109 17159 18370 18464 32068 32228

0-001-354-006 0-001-354-012 0-001-354-016
0-001-354-018 0-001-354-027 0-001-354-031
0-001-354-038 0-001-354-042 0-001-354-048

19.00 ID x 25.00 OD x 10.5mm L

CS, CENTER SUPPORT

BOSCH



W420-05
BOSCH STARTER BUSHING

ACME BMW	ALFA ROMEO CASE	AUDI CHEVROLET
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133-24013 2-000-301-036 23102
3471553 4670 62-91409


16330 16401 16443 16462 16530 16534
16593 16595 16619 16620 16623 16689

0-001-106-018 0-001-107-003 0-001-107-004
0-001-107-005 0-001-107-015 0-001-107-016
0-001-107-022 0-001-107-023 0-001-107-033

12.08 ID x 14.10 OD x 13.8mm L

DE BUSHING

BOSCH



W420-08
BOSCH STARTER BUSHING

AUDI FERRARI	CHRYSLER LANCIA	DODGE PLYMOUTH
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1-000-301-021 133-24007 23131
4366 62-91400 TCB405


16396 16401 16418 16450 16546 16547
16556 16722 16727 16963 16974 16976

0-001-107-007 0-001-107-008 0-001-107-020
0-001-107-021 0-001-108-005 0-001-108-013
0-001-108-032 0-001-108-045 0-001-108-046

11.03 ID x 13.56 OD x 14.0mm L

DE BUSHING, COMMONLY USED IN BELL HOUSINGS

BOSCH



W420-09
BOSCH STARTER BUSHING


ACME	ALFA ROMEO	AUDI
BERTOLINI	BMW	CHEVROLET

1-000-301-012	133-24005	4370
62-91408	69AB-11135-AA	76EB-11135-AA
16257 16299	16320 16321	16323 16328
16330 16331	16332 16334	16335 16336
0-001-107-012	0-001-107-017	0-001-107-024
0-001-107-034	0-001-107-045	0-001-107-054
0-001-107-060	0-001-107-068	0-001-107-072

12.05 ID x 16.10 OD x 13.8mm L

DE BUSHING

BOSCH



W420-12
BOSCH STARTER BUSHING


FIAT	OPEL
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2-000-301-013	2-000-301-128	4660
5212		
16304 16308	16346 16438	
0-001-154-001	0-001-154-007	0-001-155-006
0-001-155-009	0-001-155-016	

10.05 ID x 14.08 OD x 12.9mm L

CE BUSHING

BOSCH



W420-15
BOSCH STARTER BUSHING


CLAAS	FAUN	HANOMAG
HATZ	KHD	LIEBHERR

2-000-301-004	4630	
16369 17108	18924	
0-001-400-001	0-001-401-001	0-001-401-008
0-001-401-015	0-001-401-016	0-001-401-028
0-001-401-039	0-001-401-044	0-001-401-049

16.67 ID x 19.60 OD x 19.0mm L

CE BUSHING

BOSCH



W420-10N
BOSCH STARTER RUBBER BUSHING


BMW

1-000-206-003	4672
16362	
0-001-311-016	0-001-311-025 0-001-311-045

16.40 ID x 21.30 OD x 9.3mm L

CE RUBBER SLEEVE USED WITH W420-00 BUSHING

BOSCH



W420-13
BOSCH STARTER BUSHING


FARYMANN	FIAT	MERCEDES
PORSCHE	VOLKSWAGEN	

1-000-301-013	133-24006	4664
5215	62-91901	TCB404
16300 16343	16410 16426	16544 16548
16609 16747	16958 17065	17122 17123
0-001-212-002	0-001-212-003	0-001-212-005
0-001-212-006	0-001-212-012	0-001-212-013
0-001-212-204	0-001-212-205	0-001-212-206

26.10 ID x (30.1 x 33) OD x 11.6mm L

DE BUSHING

BOSCH



W420-16
BOSCH STARTER BUSHING


ACURA	AUDI	BMW
DEUTZ-ALLIS	DUCATI	ISUZU

133-24020	4628-PF	62-91702
17009 17016	17040 17042	17146 17183
17414 17478	17509 17817	18952 32806
0-001-218-004	0-001-218-006	0-001-218-009
0-001-218-012	0-001-218-013	0-001-218-017
0-001-218-018	0-001-218-021	0-001-218-027

18.06 ID x 22.10 OD x 6.5mm L

CS BUSHING

BOSCH



W420-11
BOSCH STARTER BUSHING


ALFA ROMEO	AUDI	BMW
BMW MARINE	BOMAG	BPM

1-000-301-022	133-24018	4671
62-91600		
16257 16296	16299 16353	16532 16537
16543 16556	16617 16623	16709 16787
0-001-112-010	0-001-114-003	0-001-114-004
0-001-114-005	0-001-114-006	0-001-114-009
0-001-114-010	0-001-114-014	0-001-114-015

17.60 ID x 21.60 OD x 9.5mm L

CS BUSHING

BOSCH



W420-14
BOSCH STARTER BUSHING


ACME	AGRIA	AIFO
ATLAS	AUDI	BOMAG

133-24012	2-000-301-025	2-000-301-026
4645	62-91701	78GB-11135-AA
16445 16562	16715 17075	17093 17105
17106 17114	17309 18031	18111 18114
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	0-001-362-009

19.10 ID x 23.10 OD x 9.8mm L

CS BUSHING

BOSCH



W420-17
BOSCH STARTER DRIVE BUSHING


AUDI	CITROEN	DODGE
HATZ	MERCEDES	MERCEDES HD

1-000-301-053	1-000-301-066	1-000-301-077
16445 16949	17040 18234	18360 19665
30009 30651		
0-001-108-217	0-001-109-008	0-001-109-015
0-001-109-043	0-001-109-250	0-001-110-003
0-001-110-054	0-001-218-003	0-001-218-020

12.08 ID x 13.61 OD x 13.3mm L

DRIVE BUSHING, (2) USED IN W470-15

BOSCH



W420-18
BOSCH STARTER BUSHING


AGRIA	AIFO	ALFA ROMEO
ATLAS	AUDI	BAUDOIN MARINE

133-24017	2-000-301-038	2-000-301-041
2-000-301-045	2-000-301-049	62-91700
16293 16294	16445 16558	16559 16560
16562 16563	16564 16565	16567 16715
0-001-358-048	0-001-358-049	0-001-358-050
0-001-358-051	0-001-359-001	0-001-359-002
0-001-359-003	0-001-359-004	0-001-359-005

19.10 ID x 23.10 OD x 12.7mm L

CS BUSHING

BOSCH



W420-21
BOSCH STARTER BUSHING


ALFA ROMEO	AUDI	BMW
CHEVROLET	CHRYSLER	CITROEN

1-000-301-054	133-24023	23186
4475	62-91302	62-91305
16956 16963	16976 16980	17011 17013
17023 17030	17038 17039	17047 17124
0-001-107-010	0-001-107-012	0-001-107-030
0-001-107-031	0-001-107-032	0-001-107-033
0-001-107-037	0-001-107-038	0-001-107-046

8.00 ID x 11.10 OD x 8mm L

INNER GEAR TRAIN BUSHING

BOSCH



W420-24
BOSCH STARTER BUSHING


FERRARI	MERCEDES
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1-000-301-061	4821	62-91303
17038 17039	17150 17227	17699
0-001-108-003	0-001-108-120	0-001-108-149
0-001-110-016	0-001-110-039	0-001-110-052
0-001-110-053	0-001-110-054	0-001-110-083

10.04 ID x 16.54 OD x 10.4mm L

CE BUSHING, ALUMINUM FRAME

BOSCH



W420-19
BOSCH STARTER BUSHING


AUDI	BMW	DODGE
FIAT	MELROE	MOTO GUZZI

133-24011	2-000-301-023	62-91401
TCB407		
16380 16401	16408 16417	16438 16956
18900 18901	18903 18904	30261
0-001-108-007	0-001-113-001	0-001-157-001
0-001-157-002	0-001-157-003	0-001-157-004
0-001-157-006	0-001-157-007	0-001-157-008

12.08 ID x 14.10 OD x 12.0mm L

DE AND BELL HOUSING BUSHING

BOSCH



W420-22
BOSCH STARTER BUSHING


ALFA ROMEO	AUDI	BMW
EBRO	FIAT	FORD

133-24021	23132	62-91304
9-001-140-347	TCB420	
16531 17009	17016 17040	17042 17183
17234 19721	19723 30009	30663 30676
0-001-218-004	0-001-218-006	0-001-218-009
0-001-218-012	0-001-218-013	0-001-218-014
0-001-218-017	0-001-218-018	0-001-218-021

10.05 ID x 16.55 OD x 11.3mm L

CE BUSHING

BOSCH



W420-25
BOSCH STARTER BUSHING


AUDI	BMW	CITROEN
DEUTZ-ALLIS	DUCATI	JOHN DEERE

1-000-301-054L	4476	62-91301
17009 17016	17040 17042	17183 17414
17817 18952	18958 19005	31102
0-001-218-004	0-001-218-006	0-001-218-009
0-001-218-012	0-001-218-013	0-001-218-017
0-001-218-018	0-001-218-021	0-001-218-027

8.00 ID x 11.10 OD x 10.0mm L

INNER GEAR TRAIN BUSHING

BOSCH



W420-20
BOSCH STARTER BUSHING


ACME	ALFA ROMEO	AUDI
BAKER	BERTOLINI	BMW

1-000-301-056	1-000-322-006	133-24014
23130	5227127	62-91300
16956 16963	16976 16980	17011 17013
17023 17030	17039 17047	17068 17124
0-001-106-011	0-001-106-015	0-001-106-018
0-001-106-019	0-001-107-003	0-001-107-004
0-001-107-005	0-001-107-007	0-001-107-008

10.00 ID x 14.02 OD x 9.8mm L

CE BUSHING

BOSCH



W420-23
BOSCH STARTER BUSHING


AIFO	ATLAS	BOMAG
BUKH	CLAAS	CLARK

1-900-301-420	4643	62-91500
71VB-11167-AA	TCB411	
16559 16560	16563 16565	16567 17073
17074 17092	17106 17113	17136 17184
0-001-358-201	0-001-358-202	0-001-359-001
0-001-359-002	0-001-359-003	0-001-359-004
0-001-359-005	0-001-359-006	0-001-359-007

14.00 ID x 20.00 OD x 10mm L

CE BUSHING

BOSCH



W420-26
BOSCH STARTER BUSHING

ACME	AGRIA	AIFO
ALFA ROMEO	ATLAS	BEDFORD

1-000-301-000	133-24016	2-000-301-019
23110	4644	62-91404
16293 16299	16310 16320	16345 16346
16347 16354	16360 16445	16544 16562
0-001-304-002	0-001-304-010	0-001-304-012
0-001-304-013	0-001-304-019	0-001-304-023
0-001-305-001	0-001-305-002	0-001-305-008

12.55 ID x 16.55 OD x 15.8mm L

CE OR DE BUSHING

BOSCH



W420-27
BOSCH STARTER BUSHING VW 6 TO 12V

VOLKSWAGEN

4443


16396

0-001-207-017 0-001-207-018

11.02 ID x 16.55 OD x 14.5mm L

VOLKSWAGEN BELL HOUSING DE BUSHING TO CONVERT TO THE SMALL 12 VOLT 11mm SHAFT

BOSCH



W420-30
BOSCH STARTER BUSHING

ALFA ROMEO	AUDI	BMW
CITROEN	EBRO	FIAT

1-000-322-005 5216 62-91307


16531 17009 17016 17040 17042 17183
 17414 17817 18230 18367 18952 19723

0-001-218-004 0-001-218-009 0-001-218-012
 0-001-218-014 0-001-218-017 0-001-218-018
 0-001-218-019 0-001-218-020 0-001-218-021

10.05 ID x (16.55 x 18.8) OD x 14.8mm L

CE BUSHING

BOSCH



W420-33
BOSCH STARTER BUSHING

AUDI	CHEVROLET	FORD
OPEL	PEUGEOT	RENAULT

1-000-301-062


17067 17134 17165 17224 30325 30756
 30801 31166

0-001-112-003 0-001-112-008 0-001-112-009
 0-001-112-010 0-001-112-012 0-001-112-016
 0-001-112-025 0-001-112-033 0-001-112-034

12.55 ID x 16.55 OD x 9.9mm L

CE BUSHING, "112", "113", "114" SERIES STARTER

BOSCH



W420-28
BOSCH STARTER BUSHING

ATLAS	JOHN DEERE	KHD
RENAULT		

2-000-301-011


16563 16565 17112 17113 18465

0-001-358-017 0-001-358-018 0-001-358-020
 0-001-358-026 0-001-358-034 0-001-358-038
 0-001-358-041 0-001-358-047

19.09 ID x 25.10 ID x 12.9mm L

CS BUSHING

BOSCH



W420-31
BOSCH STARTER BUSHING

CITROEN	FORD	IVECO
JOHN DEERE	PEUGEOT	RENAULT

1-000-301-063


17163 18526

0-001-108-074 0-001-108-085 0-001-108-086
 0-001-108-143 0-001-223-502 0-001-223-505
 0-001-223-507 6-033-AD0-196

12.05 ID x 15.05 OD x 14.90mm L

DE BUSHING

BOSCH



W420-34
BOSCH STARTER DRIVE BUSHING

AUDI	CATERPILLAR	JOHN DEERE
LANDROVER	PERKINS	PORSCHE

1-000-301-023


16426 16563 16609 17065 17066 17122
 17123 17257 17724 17725 17750 17755

0-001-120-408 0-001-121-001 0-001-121-003
 0-001-121-007 0-001-121-008 0-001-121-009
 0-001-121-402 0-001-121-403 0-001-121-412

14.36 ID x 16.02 OD x 9.9mm L

DRIVE BUSHING IN W470-27, W470-28, W470-29 , W470-60 DRIVES

BOSCH



W420-29
BOSCH STARTER BUSHING

ACME	ALFA ROMEO	AUDI
BERTOLINI	BMW	BMW MOTORCYCLE

1-000-301-009 1-000-301-031 1-000-301-082
 133-24003 2-000-301-020 62-91411


16257 16296 16299 16339 16353 16362
 16401 16405 16408 16417 16426 16438

0-001-106-011 0-001-106-015 0-001-106-018
 0-001-106-019 0-001-106-403 0-001-106-409
 0-001-107-003 0-001-107-007 0-001-107-008

12.05 ID x 13.57 OD x 11.4mm L

DRIVE BUSHING, (2) USED IN MOST CASES

BOSCH



W420-32
BOSCH STARTER BUSHING

VOLKSWAGEN

1-000-301-027 5214 62-91902


16951

0-001-312-105 0-001-312-106 0-001-312-107
 0-001-312-108 0-001-312-109

26.10 ID x (32.10 x 33.20) OD x 11.3mm L

DE BUSHING

BOSCH



W420-35
BOSCH STARTER BUSHING

MERCEDES	PORSCHE	VOLKSWAGEN
VOLVO		

1-000-301-002 1-000-301-047 133-24002
 62-91405


16312 16313 16314 16315 16318 16319
 16326 16327 16329 16346 16355

0-001-201-009 0-001-201-010 0-001-203-008
 0-001-203-009 0-001-203-010 0-001-203-019
 0-001-205-001 0-001-205-017 0-001-207-001

12.55 ID x 16.55 OD x 13.9mm L

DE AND BELL HOUSING BUSHING, 6 VOLT VW

BOSCH



W420-36
BOSCH STARTER DRIVE BUSHING

CHRYSLER	DODGE	EAGLE
MITSUBISHI MOTOR	PLYMOUTH	PORSCHE


62-91410

16418	16450	16546	16547	16556	16722
16727	16963	16974	16976	17025	17066
0-001-107-031	0-001-107-032	0-001-107-049			
0-001-108-005	0-001-108-013	0-001-108-032			
0-001-108-045	0-001-108-046	0-001-108-066			

11.05 ID x 12.60 OD x 11.4mm L

DRIVE BUSHING, 2 USED IN W470-05 DRIVE

BOSCH



W420-39
BOSCH STARTER BUSHING

AUDI	PORSCHE	SEAT
SKODA	VOLKSWAGEN	


1-000-390-001 1-000-390-003 1-000-390-004
133-24032

17724	17725	17750	17755	17758	17759
17780	17781	17804	17819	17925	
0-001-121-001	0-001-121-003	0-001-121-006			
0-001-121-007	0-001-121-008	0-001-121-009			
0-001-121-028	0-001-121-030	0-001-123-001			

28.35 ID x 32.30 OD x 10mm L

DE BUSHING, ALTERNATE W420-39N

BOSCH



W420-41
BOSCH STARTER BUSHING

CASE	CITROEN	DEUTZ-ALLIS
DODGE	DUCATI	FIAT


9-003-330-317 BF9T-11167-AA

17817	18230	18232	18359	18360	18361
18362	18363	18364	18374	18525	18526
0-001-218-738	0-001-218-772	0-001-218-776			
0-001-223-001	0-001-223-002	0-001-223-003			
0-001-223-004	0-001-223-005	0-001-223-006			

10.00 ID x 16.03 OD x 10.0mm L

CE BUSHING

BOSCH



W420-37
BOSCH STARTER DRIVE BUSHING

PORSCHE	VOLKSWAGEN
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1-000-301-010


16318	16319	16327	16355
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0-001-207-001	0-001-207-002	0-001-207-005
0-001-207-008	0-001-208-006	0-001-310-007
0-001-310-019	W470-06	

12.60 ID x 14.11 OD x 10.4mm L

DRIVE BUSHING, 2 USED IN W470-06 DRIVE

BOSCH



W420-39N
BOSCH STARTER BUSHING

AUDI	PORSCHE	SEAT
SKODA	VOLKSWAGEN	


1-000-390-001 1-000-390-003 1-000-390-004

17724	17725	17750	17755	17758	17759
17780	17781	17804	17819	17925	
0-001-121-001	0-001-121-003	0-001-121-006			
0-001-121-007	0-001-121-009	0-001-121-028			
0-001-121-030	0-001-123-001	0-001-124-001			

28.35 ID x 32.30 OD x 10mm L

DE BUSHING, SPECIAL ORDER ONLY, ALTERNATE W420-39

BOSCH



W420-42
BOSCH STARTER BUSHING

AUDI	BMW	BMW MOTORCYCLE
CHRYSLER	CITROEN	DODGE


1-000-301-080 1-000-301-091

17702	17730	17822	17920	17922	17965
17967	17968	17969	17970	17975	17976
0-001-106-405	0-001-106-409	0-001-107-401			
0-001-107-402	0-001-107-403	0-001-107-404			
0-001-107-406	0-001-107-408	0-001-107-409			

12.52 ID x 16.49 OD x 6.0mm L

CE BUSHING, 107, 108 , 121, 122 SERIES

BOSCH



W420-38
BOSCH STARTER BUSHING

CASE	DEUTZ-ALLIS	FORD
JOHN DEERE	MASSEY FERGUSON	MERCEDES

23122 4646 62-91601
9-001-083-373


17106	17309	18111	18114	18122
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9-000-083-027	9-000-083-028	9-000-083-031
9-000-083-036	9-000-083-045	9-000-083-054
9-000-083-057	9-000-083-058	9-000-083-059

15.75 ID x 19.53 OD x 9.9mm L

CE BUSHING

BOSCH



W420-40
BOSCH STARTER BUSHING

MERCEDES


1-000-301-069 62-91306

17038	17039	17150	17227	17410	17698
17699					
0-001-108-120	0-001-108-149	0-001-110-016			
0-001-110-039	0-001-110-053	0-001-110-075			
0-001-110-091					

10.03 x (16.55 x 18.5) x 13.8mm L

CE BUSHING, STARTERS WITH ALUMINUM CE FRAMES

BOSCH




W42X-02
BOSCH STARTER DRIVE BUSHING

W470-01	W470-08	W470-09
W470-10	W470-101	W470-102
W470-105	W470-106	W470-109

12.06 ID x 13.60 OD x 19.0mm L

DRIVE SPRAG BUSHING, CAN REPLACE W420-29 AND W420-17

CHRYSLER




C42-00
CHRYSLER STARTER BUSHING

CHRYSLER	DODGE	PLYMOUTH
133-10005 62-3700	2095078	4470
3257 3258		
3656575	3656650	3755250
3755900	4091950	4091975
4111855	4111860	4145359

18.86 ID x 22.30 OD x 15.0mm L

DE FRAME END

DELCO



D42-06
DELCO STARTER BUSHING

ALLIS-CHALMERS	BOBCAT	BUICK
CADILLAC	CASE	CATERPILLAR
133-12023	1894023	62-1703
3300 3508	3510 3511	3598 3601
3606 3613	3664 3679	3684 3691
10455317	10455318	10455321
10455327	10455336	10455337
10455339	10455347	10455352

19.13 ID x 22.34 OD x 18.3mm L

SD300, 22MT, 27MT

FORD




F42-03
FORD STARTER BUSHING

AMC	FORD	JEEP
LINCOLN	MERCURY	MERKUR
133-14013	4351	62-2604
C4TZ-11052-A	C6VY-11052-A	D3AZ-11052-A
3124 3131	3132 3135	3139 3142
3149 3151	3152 3153	3154 3155
C2OZ-11002-B	C3OZ-11002-C	C5AF-11001-A
C5TZ-11002-D	C6FF-11001-D	C6OZ-11002-A
C8VY-11002-C	C9FF-11001-B	D0VY-11002-A

15.95 ID x 19.11 OD x 11.0mm L

4 1/2" MOD STARTERS

DELCO




D42-01
DELCO STARTER BUSHING

AMC	BUICK	CADILLAC
CHEVROLET	GMC	ISUZU
133-12022 62-1402	1932190 D1688	4353
3502 3503	3504 3505	3507 3508
3508M 3510	3510M 3524	3525 3527
10455004	10455007	10455010
10455011	10455016	10455017
10455018	10455019	10455020

12.01 ID x 13.20 OD x 12.7mm L

DELCO




D42-10
DELCO STARTER BUSHING

CADILLAC	CHEVROLET	CLARK
GMC	OLDSMOBILE	
133-12032	1838670	D1679
3573 3581	3597 3623	3627 3629
3633 3635	3664 4003	4010 4013
1107010	1107024	1107028
1107029	1107030	1107037
1107048	1107052	1107056

16.10 ID x 17.50 OD x 15.8mm L

CS BUSHING

HITACHI




W425-03
HITACHI STARTER BUSHING

ISEKI	ISUZU	KOMATSU
NISSAN		
133-44015 62-81600	2114-1452	4606
16194 16201	16207 16209	16211 16246
18110 18321		
S114-122N	S114-126	S114-126L
S114-126M	S114-148	S114-151
S114-156	S114-156A	S114-173B

17.63 ID x 20.06 OD x 7.5mm L

CS BUSHING

DELCO



D42-02
DELCO STARTER BUSHING


ALLIS-CHALMERS	AMC	AUSTIN WESTERN
BAKER	BOBCAT	BUICK
133-12004 4225	1938743 62-1501	35058 810620
3020 3330	3346 3347	3500 3502
3503 3504	3505 3508	3508M 3510
10455300	10455301	10455305
10455306	10455307	10455308
10455309	10455310	10455311

14.33 ID x 15.95 OD x 16.5mm L

CE BUSHING

FORD

PRESTOLITE




F42-01
FORD STARTER BUSHING

ALLIS-CHALMERS	BOBCAT	BUICK
133-14000 24-44	18-11052 4216	24-30 62-2600
3109 3123	3130 3131	5097 5452
8N11001	B7TZ-11002-A	C2AF-11001-A
C2AF-11001-B	C2SF-11001-A	C2SF-11001-B
C4TZ-11001-B	MEO-6003	MEO-6005

15.96 ID x 19.11 OD x 15.2mm L

CE, ALTERNATE F42-03

HITACHI




W425-04
HITACHI STARTER BUSHING

DATSUN	NISSAN
133-44009	2106-1601
16201 16205	16207 16211
16201 16205	16207 16211
S114-151	S114-156
S114-71	S114-72
S114-91	S114-91K

11.52 ID x 14.90 OD x 13.8mm L

CE BUSHING, EARLY STYLE

HITACHI




W425-05
HITACHI STARTER BUSHING

DATSUN	NISSAN	
133-44013 4608	2114-1661 4-611	2114-5601 62-81504
16201 16205	16211	
S114-134 S114-71 S114-91	S114-156 S114-72 S114-91K	S114-156A S114-87M S114-92

13.01 ID x 16.05 OD x 18.5mm L

DE BUSHING, EARLY STYLE

HITACHI



W425-13
HITACHI STARTER BUSHING

CHEVROLET GEHL	FORD AG HINO	FUJI INDUSTRY HONDA
133-44011 62-81402-1	2114-5352	4633
16191 16194 16211 16246	16203 16205 16270 16499	16207 16209 16579 16589
2114-43001 S114-141 S114-160	S108-63 S114-146 S114-160A	S114-140 S114-149 S114-160B

12.55 ID x 16.10 OD x 12.0mm L

DE AND CE BUSHING FOR EARLY DD STARTERS,
ALSO SEE W425-55 DD/PMGR WITH A LOOSER FINAL FIT

HITACHI




W425-23
HITACHI STARTER BUSHING

FORD NISSAN	ISUZU THERMO KING	MASSEY FERGUSON YANMAR
133-44017	2120-2601	62-81500
16771 17087 18210	17089 17090	18062 18208
2120-76003 S12-41A S12-63	S12-19C S12-47 S12-63A	S12-23 S12-59 S12-63B

14.10 ID x 18.10 OD x 19.9mm L

DE BUSHING

HITACHI




W425-06
HITACHI STARTER BUSHING

CHEVROLET	HONDA	NISSAN
133-44023 36521102	2114-1352 62-81401	2114-3352
16190 16203 16579	16209 16246	16270 16498
S114-103K S114-103N S114-111	S114-103L S114-103P S114-118	S114-103M S114-108L S114-121

11.52 ID x 15.05 OD x 13.2mm L

CE AND DE BUSHING

HITACHI




W425-14
HITACHI STARTER BUSHING

CHEVROLET HINO	FORD AG HONDA	FUJI INDUSTRY ISEKI
133-44012 4634	2114-4661 62-81404	2114-5661
16191 16194 16211 16246	16203 16205 16270 16499	16207 16209 16579 16589
2108W-2600 S114-141 S114-160	S108-63 S114-146 S114-160A	S114-140 S114-149 S114-160B

12.55 ID x 16.10 OD x 15.1mm L

DE BUSHING

HITACHI



W425-24
HITACHI STARTER BUSHING

FORD ISHIKAWAJIMA	FORD AG ISUZU	GEHL MASSEY FERGUSON
133-44016 62-81501	2120-4302	4603
16771 17087 18062 18208	17089 17090	17294 17331
S12-19C S12-41A S12-63	S12-23 S12-47 S12-63A	S12-39 S12-59 S12-63B

15.04 ID x 20.08 OD x 15.8mm L

CE BUSHING

HITACHI




W425-07
HITACHI STARTER BUSHING

CHEVROLET	HONDA	NISSAN
133-44014 4610	2114-6601 62-81400	36521155
16190 16203 16498 16579	16207 16209	16246 16270
S114-103K S114-103N S114-111	S114-103L S114-103P S114-118	S114-103M S114-108L S114-121

11.02 ID x 15.03 OD x 15.0mm L

DE BUSHING

HITACHI




W425-22
HITACHI STARTER BUSHING

INFINITI	NISSAN
62-81701	
16807 16814	17069 17145
S114-439 S114-441B W475-20	S114-439A S114-461

20.11 ID x 25.07 OD x 10.1mm L

CS BUSHING USED ON DRIVE PLATE

HITACHI




W425-25
HITACHI STARTER BUSHING

FORD INTERNATIONAL	FORD AG ISHIKAWAJIMA	GEHL ISUZU
133-44002 62-81800	2120-4401	4604
16771 16909 17299 17331	17087 17089 18062 18064	17090 17294 18208 18210
2120-1450 S12-23 S12-47	2130-3400 S12-39 S12-52	S12-19C S12-41A S12-58

20.47 ID x 26.60 OD x 12.5mm L

CS BUSHING

HITACHI



W425-30
HITACHI STARTER BUSHING

NISSAN

2114-24101 62-81601 62-9107


16817 17146 17161 17196 17246 17454
31121 31338

S114-503A S114-516 S114-517C
S114-519A S114-525 S114-525A
S114-526B S114-527 S114-527A

16.08 ID x 19.12 OD x 8.5mm L

CS BUSHING FOR STEEL PLATE, FOR ALUMINUM PLATE VERSION SEE W425-31

HITACHI



W425-47
HITACHI STARTER BUSHING

VOLVO VOLVO PENTA

62-81802


16954

S114-232A S114-237

21.64 ID x 26.48 OD x 12.5mm L

CS BUSHING

HITACHI



W425-53
HITACHI STARTER BUSHING

CASE INFINITI ISHIKAWAJIMA
KUBOTA NEW HOLLAND NISSAN

62-81202


17146 17695 17713 17745 17779 17904
18219 18288 18290 18328

2114-85562 S114-801A S114-801B
S114-801C S114-801D S114-802A
S114-802B S114-804 S114-804A

6.75 ID x 11.05 OD x 8.0mm L

INNER SHAFT BUSHING FOR ARMATURE

HITACHI



W425-31
HITACHI STARTER BUSHING

MERCURY NISSAN

2114-14101 62-81604 62-81702


16817 17146 17161 17196 17246 17454
17479 31121 31338

S114-503A S114-516 S114-516A
S114-517C S114-519A S114-520B
S114-525 S114-525A S114-526B

18.15 ID x 22.10 OD x 6.9mm L

CS BUSHING FOR ALUMINUM PLATE, FOR STEEL PLATE VERSION SEE W425-30

HITACHI



W425-50
HITACHI STARTER DRIVE BUSHING

HYSTER ISUZU JOHN DEERE
NISSAN TCM THERMO KING


16733 16740 16806 16807 17088 17138
18050 18051 18054 18061 18067 18292

S114-290A S114-290B S114-430A
S114-430B S114-439 S114-439A
S114-482A S13-102 S13-62B

22.05 ID x 26.10 OD x 5.6mm L

INNER BUSHING, FOR OUTER BUSHING USE W425-51

HITACHI



W425-54
HITACHI STARTER BUSHING

CASE INFINITI ISHIKAWAJIMA
KUBOTA MERCURY MARINE NEW HOLLAND

62-81201


17146 17695 17713 17745 17904 17927
18219 18288 18328 18348 18349 19701

2114-18101 2114-98100 S114-801A
S114-801B S114-802A S114-802B
S114-804 S114-806A S114-808

6.04 ID x 10.02 OD x 8.9mm L

INNER GEAR BUSHING

HITACHI



W425-32
HITACHI STARTER BUSHING

INFINITI NISSAN

2114-9601 62-81700


16806 16807 16814 17069 17145

S114-430A S114-430B S114-439
S114-439A S114-441A S114-441B
S114-461 S114-461A S114-461B

20.10 ID x 25.07 OD x 8.9mm L

DE BUSHING, FITS INSIDE ON DE FRAME, FOR DRIVE PLATE SEE W425-22

HITACHI



W425-52
HITACHI STARTER BUSHING

ACURA CASE INFINITI
ISHIKAWAJIMA ISUZU KUBOTA

133-44024 2114-1353 2114-13531
62-81408


17146 17295 17478 17479 17509 17695
17713 17745 17779 17904 17927 17981

2114-13016 S114-753 S114-753C
S114-754A S114-755 S114-756
S114-757 S114-758 S114-765

12.05 ID x 15.57 OD x 5.5mm L

CE BUSHING, PMGR

HITACHI



W425-55
HITACHI STARTER BUSHING

CASE GEHL INFINITI
ISHIKAWAJIMA ISUZU JOHN DEERE

133-44011 2114-5352 2114-7352
2114-9352 62-81402


16806 16817 17057 17146 17196 17295
17454 17478 17695 17713 17745 17779

S114-206 S114-385 S114-387
S114-419 S114-419A S114-430B
S114-516A S114-517C S114-520B

12.53 ID x 16.05 OD x 12.0mm L

DE BUSHING, COMMON PMGR, ALSO SEE W425-13 DD TIGHTER FIT

HITACHI



W425-56
HITACHI STARTER BUSHING

ACURA	ISUZU	NISSAN			
2114-15015	62-81301				
17146	17295	17478	17479	17509	17981
S114-753	S114-753C	S114-754A			
S114-755	S114-756	S114-765			
S114-766A	S114-767	S114-769			

8.00 ID x 11.00 OD x 8.3mm L

INNER SHAFT BUSHING FOR ARMATURE

ISKRA



W428-00
ISKRA STARTER BUSHING

YUGO

62-95400


16465 16756

11.130.034 11.130.166 11.130.217

11.56 ID x 14.06 OD x 12.9mm L

DE BUSHING

LUCAS




W421-02
LUCAS STARTER BUSHING SET (3)

ALLIS-CHALMERS	CASE	FIAT
FIAT-ALLIS	JAGUAR	PEUGEOT
23402	4382	4383
5221	60600047	60600327
16175	16286	16287
	16661	16662
	16752	
26266A/F	26269A/F	26269H/L
26346A/D	26346E/K	26381A/D
26383A/D	26390A	26394A/D

12.08 ID x 15.10 OD x 16.8mm L, 12.8 ID x 15.9 OD x 12.7mm L, 28.5 ID x (31.8 x 38.1) OD x 13mm L.

SET, W421-00, W421-18, W421-19

HITACHI




W425-58
HITACHI STARTER BUSHING

CASE	INFINITI	ISHIKAWAJIMA			
KUBOTA	MERCURY MARINE	NEW HOLLAND			
133-24020	2114-44101	62-91702			
17146	17479	17695	17713	17745	17779
17904	17927	17981	18219	18288	18290
S114-755	S114-756	S114-758			
S114-765	S114-767	S114-801A			
S114-801B	S114-801D	S114-802A			

18.06 ID x 22.04 OD x 6.8mm L

CS BUSHING PMGR, SIMILAR TO W420-16

LUCAS



W421-00
LUCAS STARTER BUSHING

AUSTIN	FORD	JAGUAR			
MG	ROLLS ROYCE	ROVER			
54252054	TCB114				
16124	16134	16144	16160	16163	16164
16165	16173	16175	16178	16184	16185
25109A	25130A/B		25143A/E		
25144A/B	25154A/F		25155A/H		
25208A/E	25604A/D		25614		

12.08 ID x 15.10 OD x 16.8mm L

DE BUSHING, SEE W422-00

LUCAS




W421-03
LUCAS STARTER BUSHING SET (3)

ALLIS-CHALMERS	CASE	CLARK			
FORD	IH (INTERNATIONAL	INTERNATIONAL			
133-30017	54243853	79-92104			
TCB118					
16608	16665	16669	16670	16984	17071
17072	17644	17646	17647	17648	17649
26211A/L	26211M/T		26211U		
26215A/F	26227R/V		26246A/L		
26246M	26265J/M		26274A/D		

12.72 ID x 19.14 OD x 14.1mm L, 17.1 ID x 21.1 OD x 22.1mm L, 28.5 ID x (31.8 x 38.1) OD x 13mm L.

KIT INCLUDES W421-19, W421-25 AND W421-26

HITACHI



W42X-01
HITACHI STARTER DRIVE BUSHING

NISSAN

16194 16246 16817 17146 17161 17196

17454 31338

2114-55100 S114-180 S114-182

S114-182G S114-503A S114-516

S114-516A S114-517C S114-519A

12.55 ID x 14.05 OD x 19.0mm L

LUCAS




W421-01
LUCAS STARTER BUSHING SET (2)

AUSTIN	FORD	JAGUAR			
MERCURY	MG	ROVER			
54245343	TCB116				
16104	16109	16119	16120	16127	16133
16134	16164	16166	16173	16178	16184
25145A/J	25146A/J		25146K		
25156A/H	25156J/R		25157A/J		
25178E/L	25182A/B		25182D/J		

12.08 ID x 15.10 OD x 16.8mm L, 11.14 ID x (15.85 x 26.2) OD x 16mm L.

SET, W421-00, W421-17

LUCAS




W421-05
LUCAS STARTER BUSHING

AUSTIN	INTERNATIONAL	JAGUAR			
LANDROVER	MG	ROVER			
133-30004	270038	4437			
TCB122					
16106	16107	16131	16132	16139	18260
25521D	25521F		25522		
25533A/E	25550A		25555A/F		
25607A	25609A		25678A/D		

22.28 ID x 25.45 OD x 33.8mm L

DE BUSHING

LUCAS




W421-06
LUCAS STARTER BUSHING

AUSTIN INTERNATIONAL	FORD JAGUAR	IH (INTERNATIONAL LANDROVER			
133-30002 TCB123	255491	4434			
16106 16107	16108 16129	16130	16131		
16132 16139	16603 16604	17660			
25519A/F	25521D	25521F			
25522	25526A/J	25526K			
25526L	25533A/E	25541A/D			

15.97 ID x 19.14 OD x 19.0mm L

CE BUSHING

LUCAS




W421-09
LUCAS GENERATOR BUSHING

AUSTIN MG	JAGUAR ROVER	LANDROVER SINGER		
133-30013 4446	227713 EOTA-10128-B	227818 UTB110		
15000 15012	15017 15036			
22258	22462	22700L/R		
22715E/K	22900F/L	22902B		
22902J				

15.03 ID x 18.14 OD x 22.04mm L

CE BUSHING

LUCAS




W421-12
LUCAS STARTER BUSHING

FORD		TRIUMPH		
133-30001 TCB124	253316	4368		
16121 16122	16150 16169	16188		
25071A/D	25075A	25085A/B		
25112A/B	25118A/J	25142A/H		

19.15 ID x 20.70 OD x 17.8mm L

DE BUSHING

LUCAS




W421-07
LUCAS STARTER BUSHING

ALLIS-CHALMERS FIAT-ALLIS	CASE FORD	FIAT IH (INTERNATIONAL			
133-30000	251477	4360			
54256132	62-92501	TCB111			
16100 16109	16119 16121	16122	16124		
16138 16160	16164 16170	16175 16188			
25022N/Q	25038E/H	25061E/F			
25065D/E	25071A/D	25075A			
25076F	25085A/B	25093			

12.72 ID x 15.92 OD x 12.7mm L

CE BUSHING

LUCAS




W421-10
LUCAS STARTER BUSHING

AUSTIN ROLLS ROYCE	LOTUS TRIUMPH	MG		
250626 TCB127	4432	EOTA-11052		
16121 16137	16144 16288			
25016A	25022K/M	25061A		
25061B	25065A	26175A/E		
26209A/E	26262A			

12.80 ID x 15.90 OD x 19.50mm L

CE BUSHING

LUCAS



W421-13
LUCAS STARTER BUSHING

AUSTIN TRIUMPH	LOTUS	MG		
133-30010	23417	4371		
54252322	TCB117			
16121 16122	16168 16188			
25147A/H	25149B/H	25150A/E		
25239A/F	25242A/D	25276A		
54244773				

19.05 ID x (22.26 x 25.4) OD x 20.3mm L

DE BUSHING

LUCAS




W421-08
LUCAS STARTER BUSHING

MASSEY FERGUSON TRIUMPH				
133-30003	256112	4436		
16108 16109	16119 16129	16130	16180	
25076F	25132A	25181A		
25519A/F	25526A/J	25526K		
25526L	25541A/D	25541E		

12.72 ID x 14.35 OD x 17.4mm L

DE BUSHING

LUCAS




W421-11
LUCAS STARTER BUSHING

AUSTIN MASSEY FERGUSON	FORD MG	LOTUS SINGER		
133-30019	250678	4433		
EOTA-11135	TCB126			
16100 16121	16601 17651			
25016A	25022A/L	25022K/M		
25022N/Q	25038E/H	25061E/F		
25065A	25065D/E	25372A		

19.15 ID x 20.70 OD x 20.6mm L

DE BUSHING

LUCAS




W421-14
LUCAS STARTER BUSHING

AUSTIN TRIUMPH	LOTUS	MG		
133-30009 62-1408	4205C	4372		
16121 16122				
25147A/H	25149B/H			

11.15 ID x 15.90 OD x 12.6mm L

CE BUSHING, STARTERS WITH TRIANGLE BRUSHES


LUCAS



W421-15
LUCAS GENERATOR BUSHING

AUSTIN	JAGUAR	ROVER	
239263	4460		
15011	15012	15014	15023
22483	22496	22519	
22524	22528E	22529	
22530D			
15.88 ID x 19.14 OD x 31.7mm L			
CE GENERATOR BUSHING			


LUCAS



W421-18
LUCAS STARTER BUSHING

AUSTIN	FORD	LOTUS
MG	ROLLS ROYCE	SINGER
16121		
25022A/L	25088A/J	27458A/B
W421-02		
12.80 ID x 15.90 OD x 12.6mm L		
CE BUSHING		


LUCAS



W421-21
LUCAS STARTER BUSHING

JAGUAR	LANDROVER	
17249	17453	
26801B/F	26908A/B	26937A
12.06 ID x 15.08 OD x 8.0mm L.		
CE BUSHING		


LUCAS



W421-16
LUCAS STARTER BUSHING SET (3)

JAGUAR		
60600333		
16138	16170	
26180	26252A/D	26272A/E
26327A/H		
12.80 ID x 15.90 OD x 15.7mm L, 14.35 ID x 17.6 OD x 17.3mm L, 25.5 ID x 28.65 OD x 18.8mm L		
SET		


LUCAS



W421-19
LUCAS STARTER BUSHING

ALLIS-CHALMERS	CASE	CATERPILLAR	
CLARK	FIAT	FIAT-ALLIS	
133-30008	54256151	62-92900	
C5NF-11135-B	TCB118K		
16175	16286	16287	16288
16660	16661	16662	16664
16606	16608	16665	16669
26211A/L	26211M/T	26211U	
26215A/F	26215H	26227R/V	
26236L	26246A/L	26246M	
28.55 ID x (31.82 x 38.0) OD x 13.0mm L			
CS BUSHING			


LUCAS



W421-22
LUCAS STARTER BUSHING

JAGUAR	LANDROVER	LISTER PETTER	
TCB130			
17249	17453	17637	17638
26801B/F	26803A/D	26908A/B	
26928	26937A		
11.12 ID x (14.34 x 17.5) OD x 9.0mm L			
CENTER BUSHING FOR THE ARMATURE			


LUCAS



W421-17
LUCAS STARTER BUSHING

AUSTIN	JAGUAR	MG	
ROVER	TRIUMPH		
133-30005	23401	54241267	
54245343	62-92901	TCB116	
16134	16164	16166	16173
16289	16699	17021	16178
16284			
25647A/L	25654A/H	25654E	
25674A/E	25683A/D	25684A/J	
25689A/J	25691A/K	25696A/L	
11.14 ID x (15.85 x 26.20) OD x 16.0mm L			
CE BUSHING, FOR STAR WASHER W481-03, RUBBER BOOT W481-07			


LUCAS



W421-20
LUCAS STARTER BUSHING

JAGUAR	LANDROVER	LISTER PETTER
17249	17453	17638
26801B/F	26803A/D	26908A/B
12.06 ID x 15.05 OD x 12.0mm L		
DE BUSHING		


LUCAS



W421-23
LUCAS STARTER BUSHING

JAGUAR	LANDROVER	LISTER PETTER	
TCB130			
17249	17453	17637	17638
26801B/F	26803A/D	26908A/B	
26928	26937A		
16.56 ID x (20.06 x 22) OD x 8.0mm L			
CENTER GEAR TRAIN, PMGR			

LUCAS



W421-24
LUCAS STARTER PINION BUSHING

AUDI	FARYMANN	JAGUAR
LANDROVER	LINDE	LISTER PETTER


TCB130

17249 17453 17637 17638 17918 17977

0-001-109-017 0-001-109-049 0-001-109-059
 0-001-110-126 0-001-110-136 0-001-110-138
 1-006-200-171 26801B/F 26803A/D
 5.01 ID x 9.02 OD x 9.0mm L

GEAR TRAIN PINION BUSHING, REPLACES NEEDLE BEARING

MARELLI



W423-00
MAGNETI MARELLI STARTER BUSHING


FIAT

133-41000	4650	74868210
TCB809		
16253	16255	16375 16376 16380
4018133	4058204	63220400
63220402	63220409	870374

10.05 ID x 14.03 OD x 13.5mm L

DE AND CE BUSHING

MARELLI



W423-03
MAGNETI MARELLI STARTER BUSHING


FERRARI FIAT

133-41002	4653	TCB810
16256	16257	
63220709	63222400	63222409
63222502	63222532	

12.06 ID x 16.01 OD x 14.7mm L

CE BUSHING

LUCAS



W421-25
LUCAS STARTER BUSHING

ALLIS-CHALMERS	CASE	CATERPILLAR
CLARK	FORD	IH (INTERNATIONAL)

133-30006 54255966 62-92600

C5NF-11448-B

16606 16608 16660 16664 16665 16669
 16670 16984 17071 17072 17639 17640

26211A/L 26211M/T 26211U
 26215A/F 26215H 26227R/V
 26236L 26246A/L 26246M

17.06 ID x 21.06 OD x 22.2mm L

DE BUSHING

MARELLI



W423-01
MAGNETI MARELLI STARTER BUSHING


FIAT

133-41001	4651	74860380
TCB807		
16256	16465	
63220701	63220709	63220721

10.05 ID x 14.03 OD x 15.0mm L

DE BUSHING

MITSUBA



W425-34
MITSUBA STARTER BUSHING


HONDA

4393	62-85300	
16902	17491	
SM302-07	SM302-25	SM302-45
SM302-48		

8.06 ID x 13.10 OD x 8.3mm L

CE BUSHING

LUCAS



W421-26
LUCAS STARTER BUSHING

ALLIS-CHALMERS	CASE	CLARK
FORD	IH (INTERNATIONAL)	INTERNATIONAL

133-30007 4381 62-92500

C5NF-11052-A

16608 16669 16670 16984 17071 17072
 17644 17646 17647 17648 17649 17650

26211A/L 26211M/T 26211U
 26227R/V 26246A/L 26246M
 26265J/M 26274A/D 26274E/F

12.76 ID x 19.15 OD x 14.1mm L

CE BUSHING

MARELLI



W423-02
MAGNETI MARELLI STARTER BUSHING

FERRARI FIAT

133-41003	4652	74866140
TCB808		
16257		
63222400	63222409	63222502
63222532		

12.06 ID x 16.01 OD x 24.0mm L

DE BUSHING

MITSUBISHI



W425-09
MITSUBISHI STARTER BUSHING

MAZDA

4626		
16495	16496	
MGC01-0	MGC01-1	MLB01-4

24.05 ID x 27.01 OD x 17.0mm L

CS BUSHING

MITSUBISHI




W425-10
MITSUBISHI STARTER BUSHING

DODGE NISSAN	MAZDA YALE	MITSUBISHI MOTOR			
133-48010 62-83501	36522040	4627			
16203 16209 16496 16522	16210 16211 16524 16579	16268 16495 16581 16671			
M2T10171 M2T20182 M3T10672	M2T10271 M3T10271 M3T11272	M2T20181 M3T10272 M3T13073			

14.24 ID x 17.30 OD x 13.1mm L

CE BUSHING

MITSUBISHI



W425-15
MITSUBISHI STARTER BUSHING

ALLIS-CHALMERS HYSTER	CLARK INFINITI	DODGE MAZDA			
133-48002 62-83403	4680 M409C12670	5213771			
16203 16514 16728 16732	16519 16527 16742 16775	16579 16708 16792 16793			
M2T20181 M2T23081 M3T10081	M2T20182 M2T23181 M3T10475	M2T20281 M2T23685 M3T10476			

11.00 ID x 14.05 OD x 13.0mm L

DE BUSHING

MITSUBISHI



W425-21
MITSUBISHI STARTER BUSHING

BLUE BIRD DODGE	CHEVROLET EAGLE	CLARK EATON			
133-48006 M409C32370	62-83404	E7GZ-11052-A			
16514 16569 16793 16794	16579 16774 16798 16805	16775 16791 16858 16922			
191-1682-02 191-1808-02	191-1682-04 191-1949-04	191-1808-01 191-1949-09			

M2T13481 M2T20181D M2T30381

12.00 ID x 16.03 OD x 9.5mm L

CE BUSHING, ALTERNATE IN SOME CASES W02X-42 NEEDLE BEARING

MITSUBISHI



W425-11
MITSUBISHI STARTER BUSHING

DODGE	MAZDA	PLYMOUTH			
133-48011					
16524 16671					
M4T14171	M4T14771	M4T18171			

16.90 ID x 20.08 OD x 7.9mm L

CS BUSHING

MITSUBISHI



W425-19
MITSUBISHI STARTER BUSHING


ACURA CHEVROLET	AMC CHRYSLER	BLUE BIRD CLARK			
133-48003 E7GZ-11135-A	4683 M409C12970	62-83300 M409C13270			
16514 16569 16793 16794	16579 16774 16798 16805	16775 16791 16874 16888			
191-1682-02 191-1808-02	191-1682-04 191-1949-04	191-1808-01 191-1949-09			

M0T70281 M0T70381 M0T70481

10.02 ID x 14.07 OD x 12.5mm L

DE BUSHING FOR DIRECT DRIVE AND GEAR REDUCTION STARTERS, ALSO SEE W425-45

MITSUBISHI




W425-26
MITSUBISHI STARTER BUSHING

FORD					
133-48005 E5PZ-11135-B 17037	5210 MCE-436	62-83600			
M3T90071	M3T90072				

17.01 ID x 22.11 OD x 16.5mm L

DE BUSHING, FOR STEEL COVER CAP USE W485-138

MITSUBISHI




W425-12
MITSUBISHI STARTER BUSHING

BUICK DODGE	CHRYSLER FORD	CLARK HYSTER			
133-48000 M410D11271	36522075 M410D12071	62-83402 M410D12171			
16203 16209 16500 16514	16210 16211 16519 16520	16268 16497 16522 16524			
M1T50371 M2T10271 M3T10172	M2T10071 M3T10071 M3T10271	M2T10171 M3T10072 M3T10272			

11.00 ID x 13.06 OD x 12.8mm L

CS, DE BUSHING

MITSUBISHI




W425-20
MITSUBISHI STARTER BUSHING

ALLIS-CHALMERS DODGE	CHRYSLER FORD	CLARK HYSTER			
133-48001 5213791	35622041 62-83500	36522041 M409D32201			
16203 16209 16500 16514	16210 16211 16519 16520	16268 16497 16522 16524			
M2T10071 M2T20181 M2T23081	M2T10171 M2T20182 M2T23181	M2T10271 M2T20281 M2T23685			

14.25 ID x 17.28 OD x 9.5mm L

CE BUSHING, MOST COMMON, NOTICE W425-10

MITSUBISHI




W425-29
MITSUBISHI STARTER BUSHING

ACURA	INFINITI	NISSAN			
62-83503					
16732 16815 M2T23685 M3T26785	17069 17431 M3T26685 SM512-02	M3T26781			

15.04 ID x 19.06 OD x 10.0mm L

CS BUSHING

MITSUBISHI



W425-41
MITSUBISHI STARTER BUSHING

ACURA	AMC	BOBCAT
CHEVROLET	CHRYSLER	CLARK
133-48017	4524	62-83301

16874	16888	16889	16900	16930	16931
16932	16933	16939	16998	17006	17046
M0T60081ZC	M0T60082	M0T60181			
M0T60186ZC	M0T60187ZC	M0T60481			
M0T60581	M0T60781	M0T65381			

8.06 ID x 11.51 OD x 11.5mm L

PLANETARY PINION BUSHING-3

MITSUBISHI



W425-44
MITSUBISHI STARTER DRIVE BUSHING

DODGE	MAZDA	PLYMOUTH
16500	16519	16522
16588		

M3T10371	M3T10372	M3T12572
M3T15073	M3T15075	M4T14572
W475-06		

12.80 ID x 14.84 OD x 19.1mm L

DRIVE SPRAG BUSHING

MITSUBISHI



W425-48
MITSUBISHI STARTER BUSHING

CHEVROLET	CHRYSLER	CITROEN
CLARK	DODGE	EAGLE
133-48014	62-83303	M409C32401
M409X32471	M409X32571	
16874	16889	16930
16998	17006	16932
		17132
M0T20471	M0T20472	M0T20571ZC
M0T20672ZC	M0T20771ZC	M0T21771
M0T22871	M0T30771	M0T31071

10.08 ID x (13 x 16) OD x 10.5mm L

CE BUSHING

MITSUBISHI



W425-42
MITSUBISHI STARTER BUSHING

CATERPILLAR	DODGE	FORD
FUSO	HYSTER	MAZDA
133-48019	62-83502	

16744	16799	16853	17008	18164	18171
18173	18174	18239	19605	19716	
M2T54271	M2T54371	M2T54372			
M2T54571	M2T54572	M2T56071			
M2T56181	M2T56182	M2T57271			

14.08 ID x 16.08 OD x 10.8mm L

CS BUSHING FOR THE DRIVE CLUTCH

MITSUBISHI



W425-45
MITSUBISHI STARTER BUSHING

AMC	BOBCAT	CHEVROLET
CHRYSLER	CLARK	DODGE
133-48016	4396	62-83302

16874	16888	16889	16900	16930	16931
16932	16933	16939	16998	17006	17046
M0T70281	M0T70381	M0T70481			
M0T70681	M0T70781	M0T70881			
M0T70981	M0T71681	M0T71981			

10.12 ID x 14.02 OD x 12.0mm L

INNER GEAR TRAIN BUSHING, SEE W425-19

MITSUBISHI




W425-49
MITSUBISHI STARTER BUSHING

INFINITI	MAZDA	NISSAN
17179	17180	17544
M1T74781	M1T74781A	M1T74785
M2T24181	M2T25281	M3T24485

10.04 ID x 15.06 OD x 15.0mm L

DE BUSHING. ALSO REPLACES NEEDLE BEARING W02X-67

MITSUBISHI




W425-43
MITSUBISHI STARTER DRIVE BUSHING

DODGE	HYSTER	MAZDA
MITSUBISHI MOTOR	NISSAN	PLYMOUTH
16514	16527	16579
16795	16856	16859
		16938
		16728
		16742
M2T10071	M2T20181	M2T20182
M3T10172	M3T10473	M3T10475
M3T10476	M3T25781	M3T25782

12.90 ID x 14.55 OD x 14.1mm L

DRIVE SPRAG BUSHING

MITSUBISHI



W425-46
MITSUBISHI STARTER DRIVE BUSHING


CHEVROLET	DODGE	EAGLE
FORD	GEO	MAZDA
62-83999		

16514	16569	16922	16938	16940	16966
16971	17181	17212	17288	17662	17732
M3T32591	M3T32592	M3T32593			
M3T33182	M3T33282	M3T33781			
M3T38882	M3T38882B	M3T38882C			

12.02 ID x 13.66 OD x 11.6mm L

DRIVE SPRAG BUSHING W475-31

MITSUBISHI



W425-57
MITSUBISHI STARTER BUSHING


CHEVROLET	CHRYSLER	DODGE
FORD	HYSTER	HYUNDAI
62-83305		

17479	17559	17592	17683	17685	17688
17691	17717	17718	17723	17726	17734
M0T20771ZC	M0T60081ZC	M0T60082			
M0T60181	M0T60186ZC	M0T60187ZC			
M0T60481	M0T60581	M0T60781			

8.06 ID x 12.04 OD x 11.0mm L

INNER SHAFT BUSHING FOR ARMATURE

NIPPONDENSO




W425-00
NIPPONDENSO STARTER BUSHING

CARRIER	CHRYSLER	DAIHATSU
DODGE	FORD	HONDA
133-52002	4600	5206639
62-82401	949103-0390	949103-3680
16215 16217	16218 16220	16221 16222
16223 16224	16230 16238	16242 16245
028000-1010	028000-1370	028000-1620
028000-1970	028000-1971	028000-1972
028000-1973	028000-2000	028000-2160

12.52 ID x 16.52 OD x 10.5mm L

CE BUSHING

NIPPONDENSO




W425-16
NIPPONDENSO STARTER BUSHING

CHRYSLER	DODGE	PLYMOUTH
028403-0200	133-52000	5213388
62-82400		
16417 16727	16974	
028000-5090	028000-5092	028000-7172
128000-2380		

11.05 ID x 13.22 OD x 12.7mm L

DE BUSHING

NIPPONDENSO



W425-28
NIPPONDENSO STARTER BUSHING

ISUZU	SUZUKI
62-82300	949103-3600
16879	
128000-1280	128000-1300

10.12 ID x 15.52 OD x 10.4mm L

CE BUSHING

NIPPONDENSO




W425-01
NIPPONDENSO STARTER BUSHING

CARRIER	CHEVROLET	CHRYSLER
DAIHATSU	FORD	GEO
028403-0081	028403-0082	028403-0820
133-52001	62-82402	949103-1320
16215 16217	16218 16220	16221 16222
16223 16224	16230 16238	16242 16245
028000-1970	028000-1971	028000-1972
028000-1973	028000-2000	028000-2160
028000-2240	028000-2260	028000-2360

12.60 ID x 14.80 OD x 14.0mm L

DE BUSHING

NIPPONDENSO




W425-18
NIPPONDENSO STARTER BUSHING

CHEVROLET	DAIHATSU	GEO
HONDA	ISHIKAWAJIMA	ISUZU
133-52006	4624	5222
5229	62-82403	949103-3160
16218 16468	16735 16766	16832 16843
16880 16883	16911 16922	16971 17000
028000-5330	028000-6380	028000-6390
028000-6490	028000-6520	028000-6600
028000-6720	028000-6803	028000-6810

12.55 ID x 15.55 OD x 10.4mm L

CE BUSHING

NIPPONDENSO



W425-33
NIPPONDENSO STARTER DRIVE BUSHING

ACURA	CATERPILLAR	CHEVROLET
CHRYSLER	DAIHATSU	DODGE
62-82800		
16248 16251	16578 16586	16600 16612
16650 16674	16676 16696	16730 16736
028000-4010	028000-4240	028000-4250
028000-4320	028000-4340	028000-4510
028000-4540	028000-4551	028000-4940

22.75 ID x 28.55 OD x 5.9mm L

STARTER DRIVE CLUTCH BUSHING

NIPPONDENSO




W425-02
NIPPONDENSO STARTER BUSHING

CARRIER	KUBOTA	SUBARU
TOYOTA		
133-52004	4615	62-82901
949103-1660		
16217 16218	16220 16221	16222 16224
16230 16238	16626 16640	16648 16712
028000-2260	028000-2660	028000-2680
028000-3000	028000-3050	028000-3611
028000-3680	028000-3820	028000-3840

23.06 ID x 26.10 OD x 8.6mm L

CS BUSHING

NIPPONDENSO




W425-27
NIPPONDENSO STARTER BUSHING

BOBCAT	GEO	ISUZU
KUBOTA		
16879 17203	19791	
128000-1300	128000-7400	228000-7090

11.02 ID x 14.68 OD x 12.8mm L

DE BUSHING

NIPPONDENSO




W425-35
NIPPONDENSO STARTER BUSHING

ACURA	BOBCAT	CHEVROLET
CHRYSLER	DAIHATSU	DODGE
133-52011	62-82200	949104-0990
17142 17203	17252 17253	17679 17680
17703 17803	17805 17806	17845 17949
128000-5680	128000-6210	128000-6211
128000-6420	128000-7400	128000-8530
128000-8531	128000-8890	128000-8891

7.06 ID x (9.53 x 13) OD x 10.9mm L

CE BUSHING

NIPPONDENSO




W425-36
NIPPONDENSO STARTER BUSHING

HONDA	KUBOTA	
62-82404	949103-0540	949103-2020
16499 16735	16843 16911	17334
028000-0971	028000-5430	028000-6600
028000-6720	028000-7210	028000-8010
028000-8160	028000-8690	028000-8700

12.53 ID x 16.55 OD x 13.9mm L

DE BUSHING

NIPPONDENSO



W425-39
NIPPONDENSO STARTER BUSHING

BOMBARDIER	CUSHMAN	FUJI INDUSTRY
GRAVELY	ISHIKAWAJIMA	ISUZU
133-52009	62-82405	949103-3850
16879 17396	17601 17628	18009 18011
18012 18196	18266 18404	18425 18504
128000-1280	128000-2980	128000-3250
128000-3540	128000-4020	128000-4270
128000-4290	128000-4700	128000-4800

11.02 ID x 14.68 OD x 10.9mm L

DE BUSHING

VALEO




W422-00
PARIS RHONE STARTER BUSHING

ALFA ROMEO	AUDI	CITROEN
DELOREAN	EAGLE	JEEP
133-40004	182061	23305
23306	4654	51914
16275 16386	16388 16391	16394 16398
16400 16458	16462 16463	16477 16484
140532	182061	182062
182096	182140	D10E43
D10E47	D10E48	D10E49

12.05 ID x 15.07 OD x 14.9mm L

CE, DE BUSHING

NIPPONDENSO




W425-37
NIPPONDENSO STARTER BUSHING

AGCO	ALLIS-CHALMERS	CASE
CATERPILLAR	CHAMPION	CUMMINS
133-52008	4629	62-82900
949103-2420	949103-4300	
16627 16628	16629 16635	16641 16644
16655 17103	17349 17353	17369 17370
028000-3290	028000-3291	028000-3292
028000-3650	028000-3810	028000-3811
028000-3970	028000-3971	028000-4930

30.20 ID x 35.10 OD x 23.0mm L

CS BUSHING

NIPPONDENSO




W425-40
NIPPONDENSO STARTER BUSHING

AGCO	ALLIS-CHALMERS	CASE
CATERPILLAR	DEUTZ-ALLIS	HINO
028403-0070	4628	62-82600
949102-0070		
16627 16628	16629 16635	16641 16643
16644 16649	16655 17103	17349 17353
028000-2790	028000-2842	028000-3290
028000-3291	028000-3292	028000-3650
028000-3810	028000-3811	028000-3930

17.12 ID x 19.00 OD x 21.8mm L

DE, CE BUSHING

VALEO




W422-01
PARIS RHONE STARTER BUSHING

ALFA ROMEO	AUDI	BEDFORD
BUCH	BUKH	CITROEN
133-40006	182063	23304
23307	62-94400	62-94402
16229 16400	16408 16443	16458 16460
16462 16463	16476 16477	16484 16488
11.130.193	11.130.208	11.130.245
11.130.334	11.130.346	11.130.483
182063	182096	532000A

12.05 ID x 15.08 OD x 11.9mm L

CE, DE BUSHING

NIPPONDENSO




W425-38
NIPPONDENSO STARTER BUSHING

BOMBARDIER	CUSHMAN	FUJI INDUSTRY
GRAVELY	ISHIKAWAJIMA	ISUZU
133-52007	62-82406	949103-3840
16879 17396	17601 17604	17628 18009
18011 18012	18048 18152	18196 18266
128000-2890	128000-2980	128000-3250
128000-3540	128000-4020	128000-4270
128000-4290	128000-4520	128000-4700

11.02 ID x 14.68 OD x 7.9mm L

CE BUSHING

FORD
PRESTOLITE




F42-01
FORD STARTER BUSHING

133-14000	18-11052	24-30
24-44	4216	62-2600
3109 3123	3130 3131	5097 5452
8N11001	B7TZ-11002-A	C2AF-11001-A
C2AF-11001-B	C2SF-11001-A	C2SF-11001-B
C4TZ-11001-B	MEO-6003	MEO-6005

15.96 ID x 19.11 OD x 15.2mm L

CE, ALTERNATE F42-03

VALEO



W422-02
PARIS RHONE STARTER BUSHING

AMC	FORD	JEEP
LINCOLN	MAZDA	MERCURY
133-14014	62-2402	D0AF-11135-B
D0AZ-11135-B		
16484 16702	16797 3124	3131 3132
3135 3139	3142 3148	3149 3151
1L5T-11000-AA	3S4T-11000-AB	3S4T-11000-AC
6L5T-11000-AA	98AB-11000-EC	C2OZ-11002-B
C3OZ-11002-C	C5AF-11001-A	C5TZ-11002-D

12.02 ID x 15.10 OD x 9.8mm L

CE, DE FORD AND PARIS RHONE

VALEO




W422-03
PARIS RHONE STARTER BUSHING

ALFA ROMEO	CITROEN	EAGLE			
LOTUS	PEUGEOT	RENAULT			
074952	133-40005	23322			
62-94603					
16400	16463	16484	16531	16532	16577
16587	16755	16757	17019	17034	17035
140532	182062	182096			
D10E47	D10E48	D10E57			
D10E63	D10E64	D10E65			

15.95 ID x 20.05 OD x 7.9mm L

CS BUSHING

VALEO



W422-06
VALEO STARTER DRIVE BUSHING

ACME	BERTOLINI	BMW			
BMW MARINE	BMW MOTORCYCLE	BUCH			
181504	23321	4972			
62-94702					
17315	17667	17701	17708	17709	17730
17902	18045	18047	18355	18356	18357
594019	594023	594150			
594535	D6RA10	D6RA100			
D6RA101	D6RA104	D6RA105			

18.04 ID x 22.03 OD x 5.0mm L

CS BUSHING, CENTER GEAR

VALEO




W422-09
VALEO STARTER DRIVE BUSHING

BEDFORD	BRITISH LEYLAND	CITROEN			
FORD	JEEP	LANDROVER			
105464	182050	185502			
23323					
16752	17040	17085	17316	18044	30463
30475	30650	30659	30675	30835	31141
D9R105	D9R1050	D9R106			
D9R112	D9R116	D9R118			
D9R119	D9R121	D9R122			

10.02 ID x 13.03 OD x 13.0mm L

CE BUSHING

VALEO




W422-04
PARIS RHONE STARTER BUSHING

CITROEN	JEEP	MASSEY FERGUSON			
PERKINS	PEUGEOT	RENAULT			
23308	4636	62-94500			
16464	16715	17005	30793		
182140	D11E142	D11E153			
D11E153T	D11E154	D11E156			
D11E159	D11E167T	D11E169			

14.05 ID x 18.05 OD x 15.9 mm L

CE BUSHING

VALEO




W422-07
VALEO STARTER DRIVE BUSHING

ACME	BERTOLINI	BMW			
BMW MOTORCYCLE	BUCH	CHEVROLET			
181040	23320	62-94201			
17315	17667	17701	17730	17902	18045
18047	18355	18356	18357	18358	18915
594019	594023	594535			
594538	594539	594609			
D6RA10	D6RA100	D6RA101			

6.03 ID x 9.03 OD x 7.0mm L

INNER SHAFT BUSHING

VALEO



W422-10
PARIS RHONE BUSHING CS

MASSEY FERGUSON	PEUGEOT	RENAULT			
VOLVO HD					
095654	133-40010	4637			
62-94700	95654				
16464	16715	32027			
182139	D11E142	D11E143			
D11E153	D11E153T	D11E154			
D11E155	D11E156	D11E158			

20.04 ID x 24.05 OD x 16.0mm

CS BUSHING

VALEO




W422-05
PARIS RHONE STARTER BUSHING

CITROEN	FORD LEHMAN	JEEP			
MACK	MASSEY FERGUSON	PERKINS			
23309	62-94701				
16715	17005	17207	18938		
182113	182140	D11E119T			
D11E126	D11E137	D11E161			
D11E169	D11E172	D11E178			

20.00 ID x 24.10 OD x 11.9mm L

CS BUSHING

VALEO




W422-08
VALEO STARTER DRIVE BUSHING

BERTOLINI	BMW	BMW MARINE			
BMW MOTORCYCLE	CHEVROLET	CITROEN			
132-40014	23318	4973			
62-94200					
17315	17667	17701	17730	17902	18045
18047	18355	18356	18358	18915	18916
186937	594019	594023			
594150	594238	594534			
594535	D6RA10	D6RA100			

6.00 ID x (10.06 x 13.78) OD x 8.2mm L

CE BUSHING

VALEO



W422-11
VALEO STARTER BUSHING

ACME	BERTOLINI	BMW			
BMW MARINE	BMW MOTORCYCLE	BUCH			
23315					
17315	17701	18045	18047	18355	18356
18357	18358	18915	18916	19670	30176
594084	594569	D6RA10			
D6RA11	D6RA12	D6RA13			
D6RA133	D6RA141	D6RA15			

12.04 ID x 15.03 OD x 10.0mm L

DE BUSHING, D6RA

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Wagner Alternators and Supplies, Inc.

Corporate Office:

13352 Elliot Avenue Chino, California 91710 USA

Mailing Address:

P.O. Box 2680 Chino Hills, California 91709 USA

Telephone Numbers:

Sales (800) 345-5927 Local (909) 465-1950

FAX Numbers:

(909) 465-5032

E-mail:

sales@wagneralt.com

Web Site:

www.wagneralt.com

