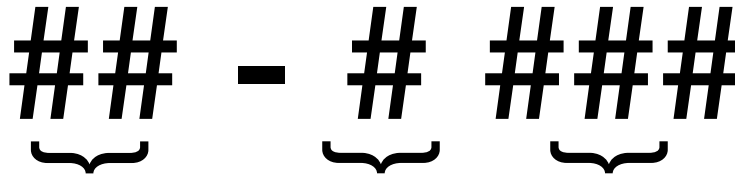


NUMBERING SYSTEM GUIDE



WAI PRODUCT CODE

Identifies the part category and is indicated by the numbers before the dash.

WAI ELECTRICAL SYSTEM CODE

Identifies the electrical-system manufacturer and is indicated by the numbers after the dash.

SEQUENTIAL NUMBER CODE

Identifies a particular type of part within a part category and is indicated by the numbers after the electrical code.

WAI Product Code (## - # ###)

UNITS

- 1- Alternators
- 2- Starters
- 3- Generators

BEARINGS

- 6- Ball Bearings
- 8- Roller Bearings and Races
- 10- Special Ball Bearings
- 12- Tolerance Rings

ALTERNATORS & PARTS

- 20- Domestic Alternators ①
- 21- Frames, Drive-End
- 22- Frames, Slip Ring-End
- 24- Pulleys
- 25- Fans & Baffles
- 26- Alternator Kits
- 27- Stators
- 28- Rotors
- 31- Rectifiers ③
- 32- Diodes
- 33- Diode Trios ③
- 35- Voltage Regulators ③

- 38- Brushes
- 39- Brush Holders
- 41- Gaskets & Seals
- 42- Insulators
- 46- Misc. Alternator Parts
- 48- Sub-Assys.
- 49- Misc. Kits

STARTERS & PARTS

- 4- Accurate New Starter Drives
- 7- Accurate New Solenoids
- 9- Accurate New Switches
- 50- Domestic Starters ②
- 51- Frames, Drive-End
- 52- Frames, Commutator-End
- 53- Frames, Center-Support
- 54- Starter Drives
- 55- Shift Levers
- 56- Starter Kits
- 57- Field Housings
- 58- Pole Shoes
- 59- Field Coils
- 61- Armatures
- 62- Bushings

- 66- Solenoids
- 67- Switches
- 68- Brushes
- 69- Brush Holders
- 71- Gaskets & Seals
- 72- Insulators
- 76- Misc. Starter Parts
- 78- Sub-Assys.
- 79- Misc. Kits

GENERATOR & MOTOR PARTS

- 81- Generator Parts
- 82- Motor Parts

HARDWARE

- 84- Hardware, Standard
- 85- Hardware, Metric

EQUIPMENT & SHOP SUPPLIES

- 87- Catalogs
- 88- Equipment
- 89- Shop Supplies

① 20- domestic alternator part numbers are being replaced by 1- part numbers.

② 50- domestic starter part numbers are being replaced by 2- part numbers.

③ Most Rectifiers, Regulators & Trios are now under the Transpo part numbers.

WAI Electrical System Code (## - # ###)

DOMESTIC

- 1 Delco
- 2 Ford
- 3 Chrysler
- 4 Motorola
- 5 Leece-Neville
- 6 Prestolite
- 7 Miscellaneous

IMPORT, ASIAN

- 81 Hitachi
- 82 Nippondenso
- 83 Mitsubishi
- 84 Nikko
- 85 Mitsuba
- 86 Mando
- 89 Miscellaneous Asian

IMPORT, EUROPEAN

- 91 Bosch
- 92 Lucas
- 93 Marelli
- 94 Valeo
- 95 Iskra
- 99 Miscellaneous European

Note: Electrical System Code does not apply to...

Units: 1-, 2-, 3- part numbers

Universal parts: Bearings (6-, 10-), Hardware (84-, 85-), Shop Supplies (87-, 88-, 89-)

Transpo & Accurate part numbers

NUMBERING SYSTEM GUIDE

WAI Sequential Number Code (## - # ###)

1 - ALTERNATORS

1-1000 to -9999 Complete Alternator



2 - STARTERS

2-1000 to -9999 Complete Starter



3 - GENERATORS

3-1000 to -9999 Complete Generator



4 - ACCURATE STARTER DRIVES

4-100 to -9999 Accurate New Starter Drives*

*Note: WAI drives are 54- part number.



6 - BALL BEARINGS

6-100 6000 Series
 6-200 6200 Series
 6-300 6300 Series
 6-400 6400 Series
 6-600 600 Series
 6-700 R Series
 6-900 6900 Series
 6-2200 62200 Series
 6-2300 62300 Series
 6-3200 W6200 Series
 6-3300 W6300 Series
 6-8000 8000 Series



Suffix (Example):

6-203 Open Bearing (No Suffix)
 6-203- 1 Single Shield (Z)
 6-203- 2 Double Shields (ZZ)
 6-203- 3 Single Seal (RS)
 6-203- 4 Double Seals (2RS)

7 - ACCURATE SOLENOID SWITCHES

7-100 to -9999 Accurate New Solenoids*

*Note: WAI solenoids are 66- part number.



8 - NEEDLE/ROLLER BEARINGS & RACES

8-# 00 to 999 Needle/Roller Brg. & Race



9 - ACCURATE SWITCHES

9-100 to -9999 Accurate New Series Parallel Switches*

*Note: WAI switches are 67- part number.

10 - SPECIAL BEARINGS

10-000 to 9999 Special Bearing



12 - TOLERANCE RINGS

12-000 to 9999 Tolerance Ring



20 - ALTERNATORS

Note: 20- part numbers are being replaced with 1- numbers

21 - DRIVE END FRAMES, ALT.

21-# 00 to 999 D.E. Frame



22 - SLIP RING END FRAMES, ALT.

22-# 00 to 999 S.R.E. Frame



24 - PULLEYS

24-# 100 to 249 Small Bore V-Belt Pulley
 24-# 250 to 499 Small Bore Multi-Belt Pulley
 24-# 500 to 749 Large Bore V-Belt Pulley
 24-# 750 to 999 Large Bore Multi-Belt Pulley



25 - FANS & BAFFLES

25-# 00 to 89 Fan
 25-# 90 to 99 Baffle



26 - ALTERNATOR KITS

26-# 00 to 999 Alternator Kit

27 - STATORS

27-# 00 to 199 Stator
 27-# 200 to 299 Lamination
 27-# 300 to 499 Misc. Stator Part
 27-# 500 to 599 Slot Insulation
 27-# 600 to 699 Wedges



Suffix (Example):

27-101 New Stator (No Suffix)
 27-101- 9 Rewound Stator

28 - ROTORS

28-# 00 to 199 Rotor
 28-# 200 to 299 Coil Assy
 28-# 300 to 349 Bobbin
 28-# 350 to 399 Core
 28-# 400 to 599 Misc. Rotor Part
 28-# 600 to 699 Pole Piece
 28-# 700 to 849 Shaft
 28-# 850 to 999 Slip Ring



Suffix (Example):

28-113 New Rotor (No Suffix)
 28-113- 9 Rewound Rotor

31 - RECTIFIERS

31-# 00 to 199 Rectifier*
 31-# 200 to 299 Heat Sink
 31-# 300 to 399 Insulator
 31-# 400 to 599 Misc. Rectifier Part
 31-# 600 to 699 Terminal Block



*Note: most rectifiers are now Transpo part numbers

32 - DIODES

32-# 00 to 999 Diode*
 *Note: most diodes are WAI part numbers



33 - DIODE TRIOS

33-# 00 to 999 Diode Trio
 *Note: most diode trios are Transpo part numbers



35 - VOLTAGE REGULATORS

35-# 00 to 999 Voltage Regulator*
 *Note: most regulators are Transpo part numbers



NUMBERING SYSTEM GUIDE

WAI Sequential Number Code (## - # ###)

38 - BRUSHES, ALTERNATOR

- 38-# 00 to 799 Brush
- 38-# 800 to 999 Brush Kit



39 - BRUSH HOLDERS, ALTERNATOR

- 39-# 00 to 199 Brush Holder Assy.
- 39-# 200 to 399 Brush Holder
- 39-# 400 to 499 Insulator
- 39-# 500 to 699 Misc. Brush Holder Part
- 39-# 700 to 799 Brush Spring



41 - GASKETS & SEALS, ALTERNATOR

- 41-# 100 to 299 Gasket or Seal
- 41-# 300 to 499 Grommet, Boot
- 41-# 500 to 699 O-Ring
- 41-# 700 to 899 Oil Seal, Dust Seal



42 - INSULATORS, ALTERNATOR

- 42-# - 100 to 999 Insulator



46 - MISC. PARTS, ALTERNATOR

- 46-# 100 to 149 Capacitor
- 46-# 150 to 199 Terminal Post
- 46-# 200 to 249 Terminal Block
- 46-# 250 to 299 Lead
- 46-# 300 to 399 Connector or Bracket
- 46-# 400 to 499 Cover
- 46-# 500 to 549 Retainer
- 46-# 550 to 599 Sleeve
- 46-# 600 to 699 Spacer
- 46-# 700 to 799 Metal Stamping
- 46-# 800 to 849 Plug or Harness
- 46-# 850 to 999 Misc. Alternator Part



48 - SUB-ASSEMBLIES, ALTERNATOR

- 48-# 00 to 999 Sub-Assembly

49 - MISC. KITS, ALTERNATOR

- 49-# 100 to 499 Repair Kit
- 49-# 500 to 699 Terminal Kit



50 - STARTERS

Note: 50- part numbers are being replaced with 2- numbers.

51 - DRIVE END HOUSINGS, STR.

- 51-# 00 to 999 D.E. Housing



52 - COMMUTATOR END FRAMES, STR.

- 52-# 00 to 999 C.S. Frame



53 - CENTER SUPPORTS, STR.

- 53-# 00 to 999



54 - STARTER DRIVES

- 54-# 00 to 199 Starter Drive*
- 54-# 200 to 399 Pinion*
- 54-# 400 to 499 Clutch*
- 54-# 500 to 599 Roller
- 54-# 600 to 699 Drive Spring
- 54-# 700 to 799 Drive Body



- 54-# 800 to 999 Misc. Drive Part
- *Note: Accurate drives are 4- part number.

55 - SHIFT LEVERS

- 55-# 00 to 199 Shift Lever
- 55-# 200 to 299 Pin
- 55-# 300 to 399 Button
- 55-# 400 to 499 Misc. Shift Lever Part



56 - STARTER KITS

- 56-# 00 to 999 Starter Kit

57 - FIELD HOUSINGS

- 57-# 00 to 199 Field Case
- 57-# 200 to 299 Field Case Assy.
- 57-# 300 to 399 Field Case Kit
- 57-# 400 to 499 Sub-Assembly
- 57-# 500 to 599 Misc. Field Case Part



58 - POLE SHOES

- 58-# 00 to 499 Pole Shoe
- 58-# 500 to 999 Permanent Magnets



59 - FIELD COILS

- 59-# 00 to 899 Field Coil
- 59-# 900 to 999 Shunt Coil



61 - ARMATURES, STARTER

- 61-# 00 to 199 Armature
- 61-# 200 to 299 Commutator
- 61-# 300 to 399 Hairpin Coil
- 61-# 400 to 499 Slot Insulation
- 61-# 500 to 599 End Fiber Insulator
- 61-# 600 to 699 Lamination
- 61-# 700 to 799 Misc. Armature Part
- 61-# 800 to 999 Shaft



Suffix (Example):

- 61-127 New Armature (No Suffix)
- 61-101-9 Remanufactured Armature

62 - BUSHINGS, STARTER

- 62-# 100 to 199 .000" - .199" ID
- 62-# 200 to 299 .200" - .299" ID
- 62-# 300 to 399 .300" - .399" ID
- 62-# 400 to 499 .400" - .499" ID
- 62-# 500 to 599 .500" - .599" ID
- 62-# 600 to 699 .600" - .699" ID
- 62-# 700 to 799 .700" - .799" ID
- 62-# 800 to 899 .800" - .899" ID
- 62-# 900 to 999 .900" - up ID




Suffix (Example):

- 62-1400 Standard Size (No Suffix)
- 62-1400-1 .0025" Undersize (X)
- 62-1400-2 .0050" Undersize (XX)
- 62-1400-3 .0075" Undersize (XXX)
- 62-1400-4 .0100" Undersize (XXXX)
- 62-1400-7 Oversize Bushing
- 62-1400-8 Split Bushing

NUMBERING SYSTEM GUIDE


WAI Sequential Number Code (## - # ###)

66 - SOLENOID SWITCHES

66-# 00 to 199	Solenoid Switch Assy.*	
66-# 200 to 299	Cap Assy. or Plate Assy.	
66-# 300 to 349	Cap or Plate	
66-# 350 to 399	Stationary Contact or Term.	
66-# 400 to 449	Gasket, Seal or Insulator	
66-# 450 to 499	Solenoid Coil	
66-# 500 to 549	Soln. Body w/ Coil Assy.	
66-# 550 to 599	Spring	
66-# 600 to 649	Plunger	
66-# 650 to 699	Movable Contact	

*Note: Accurate solenoids are 7- part number.

67 - SWITCHES

67-# 00 to 199	Switch Assy.*	
67-# 200 to 249	Cap Assy	
67-# 250 to 299	Cap	
67-# 300 to 349	Coil Assy.	
67-# 350 to 399	Coil	
67-# 400 to 449	Breaker Point or Collar Assy.	
67-# 450 to 499	Breaker Point or Collar	
67-# 500 to 549	Gasket, Seal or Insulator	
67-# 550 to 599	Spring	
67-# 600 to 649	Plunger	

*Note: Accurate switches are 7-, 9- part numbers.

68 - BRUSHES, STARTER

68-# 00 to 799	Brush
68-# 800 to 999	Brush Kit


69 - BRUSH HOLDERS, STARTER

69-# 00 to 199	Brush Holder Assy.	
69-# 200 to 399	Brush Holder	
69-# 400 to 499	Insulator	
69-# 500 to 699	Misc. Brush Holder Part	
69-# 700 to 799	Brush Spring	

71 - GASKETS & SEALS, STARTER

71-# 100 to 299	Gasket or Seal	
71-# 300 to 499	Grommet, Boot or Plug	
71-# 500 to 699	O-Ring	
71-# 700 to 899	Oil Seal	

72 - INSULATORS, STARTER

72-# 100 to 999	Insulator	
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76 - MISC. PARTS, STARTER


76-# 100 to 199	Band or Cover	
76-# 200 to 249	Sleeve	
76-# 250 to 299	Bracket or Connector	
76-# 300 to 499	Metal Stamping	
76-# 500 to 549	Contact Post or Spring	
76-# 550 to 599	Terminal Post	
76-# 600 to 699	Lead Wire	
76-# 700 to 749	Spring	

76-# 800 to 999	Misc. Starter Part
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78 - SUB ASSEMBLIES, STARTER

78-# 00 to 999	Sub-Assembly
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79 - MISC. KITS, STARTER

79-# 100 to 299	Repair Kit	
79-# 300 to 499	Seal Kit	
79-# 500 to 699	Terminal Kit	


81 - GENERATOR PARTS

81-# 100 to 199	Armature	
81-# 200 to 299	Brush	
81-# 300 to 399	Bushing	
81-# 400 to 499	End Frame	
81-# 500 to 599	Field Coil	
81-# 600 to 699	Misc. Generator Part	
81-# 700 to 774	Pulley	
81-# 775 to 799	Fan	
81-# 800 to 999	Repair Kit	
81-# 900 to 999	Generator Regulator	

82 - MOTOR PARTS

82-# 100 to 149	Armature	
82-# 150 to 199	Brush	
82-# 200 to 249	Bushing	
82-# 250 to 299	End Frame	
82-# 300 to 349	Field Case or Case Assy.	
82-# 350 to 399	Field Coil	
82-# 400 to 449	Terminal Post	
82-# 450 to 499	Contact or Contact Assy.	
82-# 500 to 549	Repair Kit	
82-# 600 to 699	Gasket, Seal or Insulator	
82-# 700 to 799	Metal Stamping	
82-# 850 to 899	Complete Motor	
82-# 900 to 999	Misc. Motor Part	

84 - HARDWARE, STANDARD

84-1	Screw	
84-2	Nut	
84-3	Rivet	
84-4	Metal Washer	
84-5	Pin	
84-6	Woodruff Key	
84-7	Insulating Washer	
84-8	Retainer	
84-9	Special Fastener	

Sizes:

84-# 100 to 199	No. 2 - 6 (.086" - .163")
84-# 200 to 299	No. 8 (.164" - .189")
84-# 300 to 399	No. 10 - 12 (.190" - .249")
84-# 400 to 499	1/4 - 5/16 (.250" - .374")
84-# 500 to 599	3/8 - 7/16 (.375" - .499")
84-# 600 to 699	1/2 - 5/8 (.500" - .749")
84-# 700 to 799	3/4 - Up (.750" - up)
84-# 900 to 999	Misc. Standard Hardware

NUMBERING SYSTEM GUIDE

WAI Sequential Number Code (## - # ###)

85 - HARDWARE, METRIC

85-1	Screw
85-2	Nut
85-3	Rivet
85-4	Metal Washer
85-5	Pin
85-6	Woodruff Key
85-7	Insulating Washer
85-8	Retainer
85-9	Special Fastener



Sizes:

85-# 100 to 199	1 - 2 mm
85-# 200 to 299	3 - 4 mm
85-# 300 to 399	5 - 6 mm
85-# 400 to 499	7 - 8 mm
85-# 500 to 599	10 - 12 mm
85-# 600 to 699	14 - 16 mm

87 - CATALOGS

87-100 to 999 Catalogs

88 - EQUIPMENT

88-100 to 999 Equipment or Accessories

89 - SHOP SUPPLIES

89-100 to 999 Shop Supplies



TRANSPO Part Number Code (#####)

BM	Ignition Module - Bosch
BR	Regulator/Rectifier - Briggs Stratton
C	Regulator - Chrysler
CE	Regulator - CAV
CM	Ignition Module - Chrysler
CR	Rectifier - Chrysler
D	Regulator - Delco
DE	Regulator - Delco (non-USA)
DER	Rectifier - Delco (non-USA)
DET	Diode Trio - Delco (non-USA)
DM	Ignition Module - Delco
DR	Rectifier - Delco
DT	Tester - Diode or Diode Trio - Delco
F	Regulator - Ford
FB	Regulator - Ford
FM	Ignition Module - Ford
FR	Rectifier - Ford
GCR	Rectifier - EZ-GO
GH	Regulator/Rectifier - Grasshopper
H	Regulator - Harley Davidson
HEC	Ignition Module w/ Coil
HM	Ignition Module - Hitachi
HN	Ignition Module - Honda
IB	Regulator - Bosch
IBR	Rectifier - Bosch
ID	Regulator - Ducellier/Valeo
IDR	Rectifier - Ducellier/Valeo
IF	Regulator - Femsa
IH	Regulator - Hitachi
IHR	Rectifier - Hitachi
IK	Regulator - Iskra
IL	Regulator - Lucas
ILR	Rectifier - Lucas
IM	Regulator - Mitsubishi
IMR	Rectifier - Mitsubishi
IN	Regulator - Nippondenso
INP	Terminal Block - Nippondenso
INR	Rectifier - Nippondenso
IP	Regulator - Paris Rhone/Valeo

IPR	Rectifier - Paris Rhone/Valeo
IR	Regulator - Lada
IS	Regulator - SEV/Valeo
ISR	Rectifier - SEV/Valeo
IW	Regulator - Sawafuji
IX	Regulator - Marelli
IXR	Rectifier - Marelli
IY	Regulator - Mando
IYR	Rectifier - Mando
IZ	Regulator - Nikko
JDR	Regulator/Rectifier - John Deere
KH	Rectifier - Kohler
KNR	Rectifier - Kawasaki
KNV	Regulator - Kawasaki
KW	Regulator/Rectifier - Kawasaki
L	Regulator - Leece-Neville
LM	Ignition Module - Lucas
LR	Rectifier - Leece-Neville
M	Regulator - Motorola
MAP	Sensor - MAP
MER	Rectifier - Motorola/Valeo
MM	Ignition Module - Mitsubishi
MP	Regulator - Magneton Pal
MR	Rectifier - Motorola
NM	Ignition Module - Nippondenso
P	Regulator - Prestolite
PR	Rectifier - Prestolite
RM	Ignition Module - Lada
RT	Tester - Rotor
S	Regulator/Rectifier - Motorcycle
ST	Tester - Stator
TRI	Repair Circuit
TRR	Regulator/Rectifier - Mercury Marine
V	Regulator - Voyager Series
VM	Ignition Module - Valeo
VR	Voltage Reducer
VRC	Tester - Regulator
WAF	Wire Harness
XM	Ignition Module - Marelli