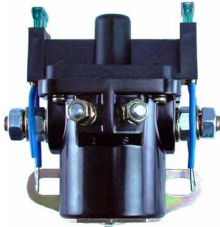


Accessories

Relays

31-5950



**Relay, Battery Disconnect
 12-Volt, 4-Terminal**

This Battery Disconnect Provides A Simple Means Of Remotly Disconnecting The Battery On A Boat. With A Touch Of A Remote Switch, The Batteries Will Be Completly Disconnected, Preventing A Unwanted Drain

Part Number	Description
31-5950	Relay

Solenoids

31-2922



**Universal Ignition Switch
 • With Key**

Part Number	Description
31-2922	SWITCH

31-5933



**Universal Solenoid
 Fits: Toro, Ariens, Bolens, Gilson, Gravely, Grasshopper, Lawn Boy, Snapper And Many More**

Part Number	Description
31-5933	SOLENOID

31-5934



**Solenoid
 12V, 3-Terminal
 Used On: AMF**

Part Number	Description
31-5934	SOLENOID

31-5935



**Solenoid
 12V, 3-Terminal
 Used On: Toro**

Part Number	Description
31-5935	SOLENOID

31-5936



**Solenoid
 12V, 4-Terminal
 Used On: Sea-Doo**

Part Number	Description
31-5936	SOLENOID-4TERM

31-5937



**Solenoid
 12V, 4-Terminal
 Used On: Kohler Engines**

Part Number	Description
31-5937	SOLENOID

31-5938



**Solenoid
 12V, 3-Terminal
 Used On: MTD**

Part Number	Description
31-5938	SOLENOID

Accessories

Solenoids

31-5940



Solenoid
12V, 4-Terminal
Universal Mount
1/4 & 5/16 Battery Studs

Part Number	Description
31-5940	Solenoids

31-5945



Solenoid
12V, 3-Terminal
Universal Mount
1/4 And 5/16 Battery Studs

Part Number	Description
31-5945	Solenoid

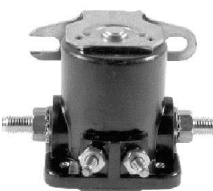
31-5946



Solenoid
12V, 3-Terminal
Used On: Kohler Engines
Replaces: 25-435-02

Part Number	Description
31-5946	Solenoid

31-5949



Solenoid
12V, 4-Terminal
Used On: Mercury Marine
Replaces: 25661

Part Number	Description
31-5949	Solenoid

31-5955



Solenoid-Polaris
For Polaris ATV
Replaces
Polaris: 3085521, 4010930

Part Number	Description
31-5955	Solenoid

31-5970



Solenoid
12 Volt, 4-Terminal
Main Studs 5/16-24
Ignition Is Spade Terminal
Ground Is Spade Terminal
Base Not Grounded
Used On: Castle Green
Replaces: 1873610010

Part Number	Description
31-5970	Solenoid

31-5971



Solenoid
12 Volt, 4-Terminal
Main Studs 5/16-24
Ignition Is Spade Terminal
Ground Is Spade Terminal
Base Not Grounded
Used On: Stiga
Replaces: 1134-2946-02

Part Number	Description
31-5971	Solenoid

31-5972



Solenoid
12 Volt, 3-Terminal
Main Studs 5/16-24
Ignition Is Spade Terminal
Base Is Grounded
Used On: Stiga
Replaces: 1134-2946-01

Part Number	Description
31-5972	Solenoid

Accessories

Solenoids

31-7934



Universal Solenoid
Fits: MTD Front & Rear Rider Models
1990-1994
Replaces: 725-0771

Part Number	Description
31-7934	SOLENOID

31-7935



Universal Solenoid
Fits: MTD
Replaces: 725-1426

Part Number	Description
31-7935	SOLENOID

31-7936



Solenoid
12V, 3-Terminal
Used On: AMF, Ariens, Bolens, Dynamark, & MTD

Part Number	Description
31-7936	SOL-UNIVERSAL

31-8900



Solenoid-Denso/Honda
Used With Various Denso, Honda Starters
Replaces: 31204-ZA0-003

Part Number	Description
31-8900	Solenoid

31-8943



Universal Solenoid
Used On: Toro
Replaces: 28-4210

Part Number	Description
31-8943	SOLENOID

31-8950



Solenoid-Universal
For Most 12-Volt Applications
Fits Most: Arctic Cat, Bombardier, Honda, Kawasaki, Polaris & Yamaha
ATV's And UTV's
Includes A Fuse Holder And Fuse, (Can Be Removed If Not Required)
Multiple Connectors For Easy Installation

Part Number	Description
31-8950	Solenoid

31-8960



Solenoid/Relay-Honda
Remote Honda
For: TRX350 1988-1989
Replaces:
Honda: 35850-HA7-71, 35850-HA7-771

Part Number	Description
31-8960	Solenoid-Honda ATV

31-8965



Solenoid-Suzuki ATV
Replaces
Suzuki: 38100-49100

Part Number	Description
31-8965	Solenoid-Suzuki ATV

Accessories

Solenoids

31-8970



Solenoid-Relay Switch
12 Volt, Silver Contacts
Used On: RamseyWinch Motors
Heavy Duty Design

Part Number	Description
31-8970	Solenoid

31-8990



Solenoid-Honda
Used On Honda Small Engines
Fits Unit # 49-8996 & Others
Replaces:
Honda: 31204-ZE1-003,
31204-ZE1-013

Part Number	Description
31-8990	Solenoid

67-701



Solenoid
12V, 4-Terminal
Used On: OMC Marine Outboard &
Other Inboard Applications
Replaces: 383622, 395419

Part Number	Description
67-701	Solenoid

67-710



Solenoid
12V 4-Terminal
Used On: Mercury Marine
Replaces: 89-68258-A4

Part Number	Description
67-710	Solenoid

67-711



Solenoid
12V, 4-Terminal
Used On: Mercruiser
Replaces: 89-96054

Part Number	Description
67-711	Solenoid

67-712



Solenoid
12V, 4-Terminal
Used On: Mercruiser & Kohler
Replaces: 89-96158

Part Number	Description
67-712	Solenoid

67-713



Solenoid
12V, 4-Terminal
Used On: OMC Marine
Applications
Replaces: 985063

Part Number	Description
67-713	Solenoid

67-714



Solenoid
12V, 3-Terminal
Used On: OMC Marine
Replaces: 172869

Part Number	Description
67-714	Solenoid

Accessories

Solenoids

67-715



Solenoid
 12V, 3-Terminal
 Used On: OMC Marine Applications
 Replaces: OMC 979774

Part Number	Description
67-715	Solenoid

67-718



Solenoid
 12V, 4-Terminal
 Used On: OMC Marine Applications
 Replaces: OMC 378444

Part Number	Description
67-718	Solenoid

Switches

31-2925



Universal Key Switch
 3-Terminal

Part Number	Description
31-2925	Switch

31-2926



Key Switch
 Lawn & Garden
 3 Position, 5-Terminal
 5/8 Mounting Stem
 For: Gravely, Murray, Noma

Part Number	Description
31-2926	Switch

31-2927



Key Switch
 3 Position, 6-Terminal
 For: Toro Groundmaster &
 Briggs & Stratton Engines

Part Number	Description
31-2927	Switch

31-2928



Key Switch
 4 Position, 6-Terminal
 Used On Murray
 Replaces: 92377, 792377

Part Number	Description
31-2928	Switch

31-2930



Key Switch
 3 Position, 5-Terminal
 9/16" Mounting Stem
 Used On: Ariens, Gravely,
 Jacobsen,
 National, Toro, And Others
 Replaces: 03115200, 019223,
 129846,
 AM32318, 103286, 12-8140

Part Number	Description
31-2930	Switch

31-2931



Key Switch
 3 Position, 6-Terminal
 5/8 " Mounting Stem
 Used On: Briggs & Stratton, MTD
 Replaces: 725-1396, 925-1396,
 48798

Part Number	Description
31-2931	Switch

Accessories

Switches

31-2932



Key Switch
3 Position, 5-Terminal
5/8" Mounting Stem
Used On: Troy-Bilt
Replaces: 158913, 490066,
1754250, 1754250P, 1-543070

Part Number	Description
31-2932	Switch

31-2933



Key Switch
3 Position, 3-Terminal
5/8" Mounting Stem
Used On: Snapper
Replaces: 1-8816, 7018816

Part Number	Description
31-2933	Switch

31-2934



Key Switch
4 Position, 7-Terminal
5/8" Mounting Stem
Used On: MTD
Replaces: 140301, 725-1717,
925-1717, 92556

Part Number	Description
31-2934	Switch

31-2935



Key Switch
3 Position, 5-Terminal
Used On: Simplicity, Snapper
Replaces: 1679006, 1686637,
2-6343

Part Number	Description
31-2935	Switch

31-2936



Key Switch
3 Position, 3-Terminal
5/8" Mounting Stem
Screw Terminal
Used On: Snapper 1973-1987
Replaces: 1-1155, 7011155

Part Number	Description
31-2936	Switch

31-2937



Key Switch
3 Position, 5-Terminal
9/16" Mounting Stem
Used On: Gravely, John Deere
Replaces: 044767, AM102544

Part Number	Description
31-2937	Switch

31-2938



Key Switch
3 Position, 6-Terminal
Used On: Kohler, Toro
Replaces: 25-099-02, 25-099-
04S,
103991

Part Number	Description
31-2938	Switch

31-2940



Key Switch
3 Position, 5-Terminal
5/8" Mounting Stem
Used On: John Deere, Toro
Replaces: AM31995, AM102544,
103990

Part Number	Description
31-2940	Switch

Accessories

Switches

31-2941



Key Switch
3 Position, 6-Terminal
9/16" Mounting Stem
Used On: Jacobsen, Toro
Replaces: 131095, 27-2360

Part Number	Description
31-2941	Switch

31-2942



Key Switch
3 Position, 6-Terminal
13/16" Mounting Stem
Used On: John Deere
Replaces: AM101561

Part Number	Description
31-2942	Switch

31-2943



Key Switch
4 Position, 5-Terminal
5/8" Mounting Stem
Used On: Gravely, Murray
Replaces: 018272, 91846

Part Number	Description
31-2943	Switch

31-2945



Key Switch
3 Position, 6-Terminal
Used On: Exmark, Toro
Replaces: 103-0206, 104-2541,
88-9830

Part Number	Description
31-2945	Switch

31-2946



Key Switch
2 Position, 2-Terminal
5/8" Mounting Stem
On/Off Switch
Used On: Gravely, Murray
Replaces: 024560500, 52406900,
725-3232, 925-3232, 1-403121,
700171, 740015, 1-7817,
7017817
1758145, 925-0873

Part Number	Description
31-2946	Switch

31-2947



Key Switch
Single Screw Terminal
5/8" Mounting Stem
Can Be Used For Manual &
Push Button Start Models
Used On: Snapper
Replaces: 1-1853, 7011853

Part Number	Description
31-2947	Switch

31-2948



Key Switch
3 Position, 6-Terminal
9/16" Mounting Stem
Used On: John Deere
Replaces: AM38227

Part Number	Description
31-2948	Switch

31-2950



Key Switch
2 Male Spade Terminal
5/8" Mounting Stem
Used On: Toro
Replaces: 29-5560, 40-5940

Part Number	Description
31-2950	Switch

Accessories

Switches

31-2970



Key Switch
Used On:
Massey Ferguson Tractors
TO20, TO30, TO35, MF35, MF50,
MF65
Replaces: **180681M93**

Part Number	Description
31-2970	Key Switch

Autocrane

Armatures

263



Armature-Autocrane
Fits Autocrane Boom Motors
With Dumore Motors
Note: OE Part

Part Number	Description
263	Armature

Brush Holder

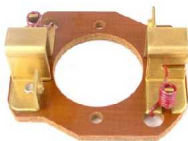
300118



Brush Holder
For AC Autocrane Motors
Note: OE Part

Part Number	Description
300118	Brush Holder

300565



Brush Holder
For 24V Autocrane Motors
Note: OE Part

Part Number	Description
300565	Brush Holder

Brush Springs

300116



Brush Spring
For Autocrane Boom
Motors
Note: OE Part

Part Number	Description
300116	Brush Spring

Brushes

309-H



Brush 12/24 Volt
For: Autocrane Boom Motors
Replaces: **309100**
19.8mm L X 18.8mm W X 9.4mm T
X 55.9mm LL

Part Number	Description
309-H	AUTOCRANE BRUSH

Seal

300174



Seal-Autocrane
Fits Motor # 300105
.5" ID X 1.38 OD X .25" HT
Note: OE Part

Part Number	Description
300174	Seal

Briggs & Stratton

Armatures

47-8229



Armature
For: Briggs & Stratton Starters
Replaces: **497603, 692304**
6.569" Overall Length

Part Number	Description
47-8229	ARMATURE

Briggs & Stratton

Armatures

47-8231



Armature
For: Briggs & Stratton
Replaces: 390837
6.546" L CE: .373" DE: .373"
Note: Roll Pin Hole On DE

Part Number	Description
47-8231	ARMATURE

47-8240



Armature
For: Briggs & Stratton Starters
Used In: 49-7401 & 49-8148
Starters

Part Number	Description
47-8240	ARMATURE

Brush Holders

47-8301



C.E Frame W/BH Assy
For: Briggs & Stratton Starters
Replaces: 395537
Notes: Used On Starters W/ 3-5/8" Field Case
For Brush Set only Use: 47-8106

Part Number	Description
47-8301	CE Frame W/BH

47-8302



Brush Holder Assy.
For: Briggs & Stratton Starters
Replaces: 497605
For Brush Kit Only, Use 47-8013

Part Number	Description
47-8302	BRUSH HOLDER ASS

Brushes

47-8013



Brush Kit
For: Briggs & Stratton Starters
Replaces: 497608
Note: Includes Brushes & Springs

Part Number	Description
47-8013	BS BRUSH SET

47-8104



Brush Kit
For: Briggs & Stratton Starters
Replaces: 391705
Note: Includes Brushes & Springs

Part Number	Description
47-8104	BS REPAIR KIT

47-8105



Brush Set
Used On: Briggs & Stratton Starters
Replaces: 490311
Note: Includes Brushes & Springs

Part Number	Description
47-8105	BS BRUSH SET

47-8106



Brush Kit
Used On: Briggs & Stratton Starters
Replaces: 395538
Note: Includes Brushes, Springs, & Bushings

Part Number	Description
47-8106	BS BRUSH SET

Briggs & Stratton

Brushes

47-8301



C.E Frame W/BH Assy
For: Briggs & Stratton Starters
Replaces: 395537
Notes: Used On Starters W/ 3-5/8" Field Case
For Brush Set only Use: 47-8106

Part Number	Description
47-8301	C/E FRAME W/BRUS

Bushings

47-8000



Brushing
For: Briggs & Stratton Starters
C/E
Size: .565 OD X .370 ID X .375 L
X .740 Flg.

Part Number	Description
47-8000	BS CE BUSHING

47-8001



Brushing
For: Briggs & Stratton Starters
D/E
Size: .717 OD X .494 ID X .500 L

Part Number	Description
47-8001	BS DE BUSHING

47-8103



Brushing, C/E
For: Briggs & Stratton Starters
Size: .750 OD X .493 ID X .457L

Part Number	Description
47-8103	BUSHING

47-8109



Brushing, D/E
Fits: Briggs & Stratton Starters
Size: .751 OD X .495 ID X .468L

Part Number	Description
47-8109	BUSHING

CE Frame

47-8301



C.E Frame W/BH Assy
For: Briggs & Stratton Starters
Replaces: 395537
Notes: Used On Starters W/ 3-5/8" Field Case
For Brush Set only Use: 47-8106

Part Number	Description
47-8301	C/E FRAME W/BRUS

CE Frame

47-8305



C.E Frame
Used On: Briggs & Stratton Starters
Replaces: 497607,691286

Part Number	Description
47-8305	CE PLATE

CE Frame W/BH Assy

47-8301



C.E Frame W/BH Assy
For: Briggs & Stratton Starters
Replaces: 395537
Notes: Used On Starters W/ 3-5/8" Field Case
For Brush Set only Use: 47-8106

Part Number	Description
47-8301	C/E FRAME W/BRUS

Briggs & Stratton

Drives & Drive Kits

47-8200



**Drive Clutch Assy.,
Used On: Briggs & Stratton
Starters
Replaces: 398003**

Part Number	Description
47-8200	DRIVE CLUTCH

47-8201



**Starter Drive Kit
For Briggs & Stratton Starters
16-Tooth CCW
Replaces:
393254,490467,495877**

Part Number	Description
47-8201	BS PINION KIT

47-8202



**Drive Kit Assy
For: Briggs & Stratton Starters
16-Tooth
Replaces: 497606**

Part Number	Description
47-8202	DRIVE KIT

47-8203



**Drive Assy
Used On: Briggs & Stratton
Starters
Replaces: 491836**

Part Number	Description
47-8203	DRIVE KIT

47-8205



**Drive Kit 16-Tooth CCW
For: Briggs & Stratton Starters
Replaces:
396865,490421,495878**

Part Number	Description
47-8205	DRIVE KIT BS

47-8206



**Drive Kit
For: Briggs & Stratton
16-Tooth CCW
Replaces: 391461**

Part Number	Description
47-8206	DRIVE KIT

47-8320



**Drive Gear
16-Tooth
Replaces: 280104**

Part Number	Description
47-8320	GEAR/280104

47-8321



**Drive Gear
19-Tooth
Used On: Briggs & Stratton
Starters
Replaces: 281127, 691918**

Part Number	Description
47-8321	PINION/19TH

Briggs & Stratton

Drives & Drive Kits

47-8325



Metal Drive Gear
14-Tooth, CCW, 2-Spline
Replaces: 693713

Part Number	Description
47-8325	Gear Metal 14T

48-3890



Drive Kit
24-Tooth, CCW
Used On: Briggs & Stratton
Starters
Replaces: 490768,499308

Part Number	Description
48-3890	DRIVE KIT

49-6881



Drive Kit Assy
15-Tooth
Used On: Briggs & Stratton
Starters. For Steel Ring Gear
Replaces: 496881

Part Number	Description
49-6881	DRIVE

Field Housings

47-8210



Field Case Assy
For: Briggs & Stratton Starters
3-3/16" Length Case
Replaces: 497604

Part Number	Description
47-8210	FLD HSG ASSY

47-8551



Field Case Assy
Used On: Briggs & Stratton Starters
4-1/2" Length Case
Replaces: 399172, 398892

Part Number	Description
47-8551	FLD HSG

47-8553



Field Case Assy
Used On: Briggs & Stratton Starters
4-1/4" Length Case
Fits: 49-7401 & 49-8148 Starters

Part Number	Description
47-8553	FLD HSG

CDI Module

Polaris ATV

77-1000



CDI Module
For Polaris ATV
Capacitive Discharge Ignition
Used On: 1997-2001 Polaris ATV
(Many Models)
Replaces:
Polaris: 3085639

Part Number	Description
77-1000	CDI Module

Yamaha ATV

77-2000



CDI Module
For Yamaha,
Capacitive Discharge Ignition
Used On: 1996 Yamaha YFM350
Warrior
Replaces:
Yamaha: 3GD-85540-30-00

Part Number	Description
77-2000	CDI Module

China Made Atv

Drives

CH-101



Starter Drive
14-Tooth, 62-Tooth
For China Made ATV's &
Scooters 50cc
14-Tooth Is 27.78mm OD
62-Tooth Is 37.52 mm OD
Drive Is 67.54mm OAL

Part Number	Description
CH-101	Drive

CH-102



Starter Drive
14-Tooth, 62-Tooth
For China Made ATV's &
Scooters 50cc
14-Tooth Is 27.60mm OD
62-Tooth Is 39.50 mm OD
Drive Is 70.50mm OAL

Part Number	Description
CH-102	Drive

Delco

Drives

60-1076



Drive-10 Tooth CCW
For Delco Starters Used
On Kohler Engines
Delco Starter # 10455513
Used On Kohler Starters
2509809S
Replaces:
Lester: 6140-2742
Kohler: 2575533S

Part Number	Description
60-1076	Drive-Kohler Delco

Solenoids

31-8795

Solenoid-Delco For Kohler
Used On Kohler Starters
2509809S, 2509811S
Delco: 10455513
Replaces:
Lester: 6640-121
Kohler: 2543504S, 2543506S

Part Number	Description
31-8795	Solenoids

Denso

Brush Holders

47-0632



Brush Holder
W/O Brushes
Used On: Denso Small Engine Starters
Replaces: 028510-0632
Pos Brush # 028530-1031

Part Number	Description
47-0632	ND BRUSHHOLDER

ND-4



Brush Holder Assy
Used On: Suzuki Starters
Unit Number: SS-22, SS-23

Part Number	Description
ND-4	BRUSH PLATE

ND-L



Brush Holder Assy
With Brushes
Used In: Denso
Small Engine Starters

Part Number	Description
ND-L	BRUSH PLATE

Denso

Brush Holders

ND-R



**Brush Holder Assy
W/Pos Brushes
Used On: Denso
Small Engine Starters**

Part Number	Description
ND-R	BRUSH PLATE

ND-S



**Brush Holder Assy
W/Pos Brushes
Used On: Denso Small
Engines Starters.. Sea-Doo**

Part Number	Description
ND-S	BRUSH PLATE

Brushes

028530-1031



**Pos Brush W/Stud
Used On: Denso Small Engine Starters
Used With 47-0632 Brush Holder**

Part Number	Description
028530-1031	Pos Brush

B-4



**Brush Set
Used In Denso Small
Engine Starters
13mm L X 8.9mm X 5.8mm T
X 80mm LL**

Part Number	Description
B-4	BRUSH SET

B-6



**Brush Set
Used On: Denso Small
Engine Starters
6.3mm L X 7mm W X 5mm T
X 37mm LL W/Terminal**

Part Number	Description
B-6	BRUSH SET

Drives

3276M



**Starter Drive-Denso
8 Teeth
Used On Sea Doo
W/ 8 Tooth Starter
Fits: 49-1096-8T**

Part Number	Description
3276M	Drive

WD-4



**Drive-Denso
9 Teeth, CCW, 6 Spline
Replaces: Denso : 028300-771
29mm Gear OD X 12mm ID X
33.6mm OL
Used On: Sea Doo 580,650, 720 Jet
Ski's**

Part Number	Description
WD-4	Drive

Repair Kits

RBK-13



**Repair Kit
2 Brush Repair Kit
For Denso Small Engine Starters
BH Assy Part No: ND-L
Brushes Only: B-4**

Part Number	Description
RBK-13	REPAIR KIT

Denso

Repair Kits

RBK-36



**Repair Kit For 2
Brush Mitsuba Starters
For Brush Holder Assy Use: ND-R
For Brush Set Only Use: B-4**

Part Number	Description
RBK-36	REPAIR KIT

RBK-4



**Repair Kit
2-Brush Kit For Denso
Small Engine Starters
Brush Holder Assy No: ND-L
Brush Set Only No: B-4**

Part Number	Description
RBK-4	REPAIR KIT

RBK-45



**Repair Kit
2 Brush Repair Kit For
Denso Small Engine Starters
Used In Sea-Doo PWC Units
Brushholder Assy No: ND-S
Brush Set Only: B-4**

Part Number	Description
RBK-45	REPAIR KIT

RBK-46



**Repair Kit
2 Brush Denso Repair Kit
Used In Denso Small Engine Starters
Used On: Sea-Doo 800 Starters
Brush Holder Assy No: ND-S
Brush Set Only # B-4**

Part Number	Description
RBK-46	REPAIR KIT

RBK-48



**Repair Kit
For 4 Brush Denso
Starters
For Brush Set Only Use: B-15
Fits Units:
KA-109, KA-110, KA-111**

Part Number	Description
RBK-48	Repair Kit

RBK-4R



**Repair Kit For 2 Brush Denso
Starter
Denso Starters:
For Brush Holder Assy Use: ND-L
For Brush Set Only: B-4**

Part Number	Description
RBK-4R	REPAIR KIT

RBK-4S



**Repair Kit For 2
Brush Denso Starters
For Brush Holder Assy Use: ND-L
For Brush Set Only Use: B-4**

Part Number	Description
RBK-4S	REPAIR KIT

RBK-53



**Repair Kit
For: Denso ATV &
Motorcycle Starters
4 Brush Kit**

Part Number	Description
RBK-53	Repair Kit

Denso

Repair Kits

RBK-68



**Repair Kit
For Denso Starters
Used In Triumph Motorcycles
For Brush Holders Assy Use: ND-
S
For Brush Set Only Use: B-4
Fits Starter TS-101N, TS-101**

Part Number	Description
RBK-68	Repair Kit

RBK-69



**Repair Kit
For Denso Starters
Used In: DS-101N Starters
For Brush Holder Assy Use: ND-L
For Brush Set Use: B-4**

Part Number	Description
RBK-69	Repair Kit

RBK-70



**Repair Kit
For Denso Starters
Fits Unit SS-22
Marked 128000-4981
For Brush Holder Assy Use: SM-
13
For Brush Set Only Use: B-12**

Part Number	Description
RBK-70	Repair Kit

RBK-71



**Repair Kit
For Denso Starters
Unit SS-22 marked 228000-6490
For Brush Holder Assy Only Use:
ND-4**

Part Number	Description
RBK-71	Repair Kit

RBK-8



**2 Brush Repair Kit
Used On: Denso Small Engine
Starters For Yamaha ATV
Brush Set Only No: B-6**

Part Number	Description
RBK-8	REPAIR KIT

Solenoids
31-8900



**Solenoid-Denso/Honda
Used With Various Denso,
Honda Starters
Replaces: 31204-ZA0-003**

Part Number	Description
31-8900	Solenoid

Ford Tractor

Switch
31-8995



**Foot Switch
Used On: 8N Ford Tractors
Replaces: 8N10500WG**

Part Number	Description
31-8995	Foot Switch

31-8999



**Key Switch
Used On Ford Tractors
1939-1964
Replaces: 8N3679C**

Part Number	Description
31-8999	Key Switch

Goki

Brush Set

B-13



Brush Set
For: Goki Starters
4 Brush Set, With Springs

Part Number	Description
B-13	Brush Set

Gravely

Starter Parts

60-1175



Starter Gear
8-Tooth .625 ID
For Gravely Starters
Used On: Gravely Tractors
Fits On Delco Unit # 1108311

Part Number	Description
60-1175	Gravely Gear

Hannay

Armatures

9916.0026



Armature-Hannay
For 12V 1/2HP Motors
Note: OE Part
9916-0026

Part Number	Description
9916.0026	Armature

Brush Holder

9916.0013



Brush Holder Assy
For 1/2 HP 12V Motor
Note: OE Part
9916-0013

Part Number	Description
9916.0013	Brush Holder

Brushes

48-9820



Brush
For: Hannay Reel 12V Motors
19mm L X 10mm W X 10mm H X
11mm LL
Note: Requires 2 For Complete Set
Replaces: 9916.0070 (Set)

Part Number	Description
48-9820	BRUSH-HANNAY (1)

9916.0071



Brush Set
For 12V Non-Exp IMP Motor
Note: OE Part
9916-0071

Part Number	Description
9916.0071	Brushes

Misc Parts

9916.0080



Woodruff Key # 9
3/16 X 3/4
For Explosion Proof Motors
9916-0080

Part Number	Description
9916.0080	Key

Hannay

Misc Parts

9916.0081



Woodruff Key # 61
3/16 X 5/8
For Non Explosion Proof Motors
9916-0080

Part Number	Description
9916.0081	Key

Sprockets

9910.1010



Sprocket
9T35 3/4" L X 1/2" Bore
Note: OE Part
9910-0010

Part Number	Description
9910.1010	Sprocket

9910.1015



Sprocket
9T35 1-3/4" L X 1/2" Bore
Note: OE Part
9910-1015

Part Number	Description
9910.1015	Sprocket

9910.1116



Sprocket
11T35 3/4" Long
Note: OE Part
9910-1116

Part Number	Description
9910.1116	Sprocket

9910.1117



Sprocket
11T35 1-1/16" Long
Note: OE Part
9910-1117

Part Number	Description
9910.1117	Sprocket

9910.1118



Sprocket
11T35 1-5/16" Long
Note: OE Part
9910-1118

Part Number	Description
9910.1118	Sprocket

9910.1119



Sprocket
11T35 1-3/4" Long
Note: OE Part
9910-1119

Part Number	Description
9910.1119	Sprocket

Harley

Armatures

49-9702



Armature
Used In Harley Davidson
Generators With Prestolite Units
8.938: Total Length

Part Number	Description
49-9702	NEW GEN ARM

Harley

Bearings

8-702



Needle Bearing
Used On: Harley Davidson
Generators
12.7mm ID X 17.5mm OD X
14.2mm W

Part Number	Description
8-702	Needle Bearing

Harley

Brushes

81-7200



Brush
Used On: Harley Davidson
Generators
7.5mm T X 16mm W X 17mm L X
41mm LL

Part Number	Description
81-7200	Brush

Drives

54-169



Drive-Harley
Heavy Duty 6 Roller Clutch
For Harley Davidson Sportster
Replaces:
31443-65

Part Number	Description
54-169	Drive
54-169	Drive

HD-1



Heavy Duty Drive/Clutch
For: Harley Davidson
Lifetime Warranty
Note: Must Use Intermediate
Gear
Supplied With Drive
This Is A Upgrade That Will Hold
Up Under Strenous Conditions
Fits: 1991-2006 Harley Davidson
Replaces: 31663-90

Part Number	Description
HD-1	HD Drive
HD-1	HD Drive

Solenoids

7-989



Solenoid For Harley Davidson
Fits All Sportster Models From
1967-1980
And Big Twins From 1965-1980
Replaces: 71473-778, 71470-86T

Part Number	Description
7-989	SWITCH-HARLEY

7-989C



Solenoid For Harley Davidson
Fits All Sportster Models From 1967-1980
And Big Twins From 1965-1980
Replaces: 71473-778, 71470-86T
• Chrome Finish

Part Number	Description
7-989C	CHROME SOL-HARL

Voltage Regulators

49-9706



Voltage Regulator
12-Volt
Used On Harley Generators

Part Number	Description
49-9706	VOLT REG-HARLEY

Harley

Voltage Regulators

49-9710



Voltage Regulator
12-Volt
Transistorized

Part Number	Description
49-9710	Voltage Regulator

Hitachi

Brush Set

B-14



Brush Set
For Hitachi PWC Starters
4 Brush Set
Fits: Kawasaki 440/550

Part Number	Description
B-14	Brush Set

Drives

WD-1



Starter Drive-Hitachi
9 Teeth, CCW
12mm ID X 39.6mm OD
Gear OD 29.5mm, 6 Splines
Used On 49-1094 Starters
Replaces: Arco # DV440

Part Number	Description
WD-1	Drive

WD-3



Starter Drive
11-Teeth, CCW, 6-Spline
Used On: Hitachi Starters
For: Yamaha Wave Runner 500
33.5mm Gear X 12mm ID X
39.5mm L

Part Number	Description
WD-3	Drive

Repair Kit

RBK-50



Repair Kit
For: Hitachi PWC Starters
Fits: 440/550 Kawasaki PWC
For Brushes Only Use: B-14

Part Number	Description
RBK-50	Repair Kit

RBK-56



Repair Kit
Used In YS-14 Starter
For: Yamaha XS650 1978-1983
Includes:
Brushes, Brush Springs, Gaskets,
Seal and Hardware

Part Number	Description
RBK-56	Repair Kit

Hitachi Str/Gen

Armatures

44-3000

Armature 12 Volt
Fits: Hitachi Str/Generators
Used On: Club Car, E-Z-GO, Yamaha
Golf Carts
Replaces: GSB107-1100
224mm OAL



Part Number	Description
44-3000	ARMATURE

44-3126

Armature 12-Volt
For: Hitachi Starters/Generators
Used On: E-Z-GO 4-Cycle Golf Carts,
Yamaha G16 Golf Carts
216mm OAL

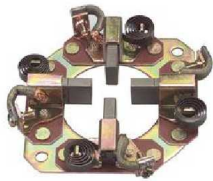


Part Number	Description
44-3126	ARMATURE

Hitachi Str/Gen

Brush Holders

44-1300



Brush Holder Only
 For: Hitachi Starters/Generators
 Used On: Club Car, E-Z-GO, Yamaha Golf Carts
 Replaces: GSB107-1310
 For BH Assy Use 44-1302

Part Number	Description
44-1300	BRUSH HLD ASSY

44-1301



Brush Holder Assy
 For: Hitachi Starter/Generators
 Used On: E-Z-GO, Yamaha G16 Golf Carts
 Replaces: JN3-81150-00-00
 Includes (4) 49-9020 Brushes

Part Number	Description
44-1301	BRUSH HOLDER ASY

Brushes

49-9020



Brush
 For: Hitachi Starter/Generators
 5.5mm T X 13.5mm W X 26mm L
 X 38mm LL
 Used On: Club Car, E-Z-Go, Yamaha Golf Carts

Part Number	Description
49-9020	HIT BRUSH

CE Frame

44-1001



C.E Frame W/Brushholder Assy
 For: Hitachi Starter/Generators
 Used On: E-Z-GO, Yamaha Golf Carts
 Replaces: GSB107-1401, JN3-81166-00-00
 1/2" Mounting Hole

Part Number	Description
44-1001	CE FRAME

CE Frame W/BH Assy

44-1000



C.E Frame W/Brushholder Assy
 For: Hitachi Starter/Generators
 Used On: E-Z-GO Golf Carts
 Replaces: GSB107-1301
 3/8 " Mounting Hole

Part Number	Description
44-1000	CE/FRAME/BH ASSY

Field Coils

44-3121



Field Coil
 For: Hitachi Starter/Generators
 Used On: Yamaha Golf Carts
 Replaces: J38-81160-10-00

Part Number	Description
44-3121	FIELD COIL

44-3125



Field Coil
 For: Hitachi Starter/Generators
 Used On: Club Car, E-Z-Go Golf Carts
 Replaces: GSB107-1610

Part Number	Description
44-3125	FIELD COIL

Voltage Regulators

44-3119



Voltage Regulator
 For: Hitachi Starter/Generators
 Used On: EZGO Golf Carts
 Replaces: 27739G01

Part Number	Description
44-3119	Voltage Regulator

Hitachi Str/Gen

Voltage Regulators

44-3120



Voltage Regulator
For: Golf Cart Applications
Fits:
Various models
Replaces:
Club Car: 1012422, CP1012422
EZ-GO: GG1-803100

Part Number	Description
44-3120	VOLT REGULATOR

Honda Motorcycle

Voltage Regulators

44-3500



Voltage Regulator
For: Honda Motorcycle
800mm L X 108mm W X
28.22mm, Hole Distance 74.8mm
Three Phase Field
Used On:
CB 650cc C Nighthawk (SOHC)
1980-1983
CB 650cc Z (1979-1982)
CBR 1000cc F (1987-1988)

Part Number	Description
44-3500	Voltage Regulator

44-3501



Voltage Regulator
For: Honda Motorcycle
80mm L X 107mm W X
28.22mm, Hole Distance 74mm
Three Phase Field, W/Sensor
Used On:
GL 1200 SEI Goldwing (1986)

Part Number	Description
44-3501	Voltage Regulator

Ignition Coil

Briggs & Stratton

BSC-101



Ignition Coil
For Briggs & Stratton Engines
Fits: 16-18HP Engines
Model #'s 400400-422700
Replaces: 394891, 392329

Part Number	Description
BSC-101	Ign Coil
BSC-102	



Ignition Coil
For Briggs & Stratton Engines
Fits: 2, 3, 3.5, 4HP Engines
Model #'s : 10A900, 10B900,
92202,
92232, 93412, 93432, 93452,
98902
Replaces: 398593, 496914

Part Number	Description
BSC-102	Ignition Coil
BSC-103	



Ignition Coil
For Briggs & Stratton Engines
Fits: 5HP Engines (Except
Quantum)
Model #'s : 133200, 133700,
135200, 135700
Replaces: 395491, 397358

Part Number	Description
BSC-103	Ignition Coil

Ignition Coil

Briggs & Stratton

BSC-104



Ignition Coil
 For Briggs & Stratton Engines
 Fits: 7-16HP 1 Cyl Engines
 Model #'s : 176432, 192400,
 226400,
 250400, 196400, 197400,
 19E400, 19G400
 Replaces: 395492, 398265,
 398811

Part Number	Description
BSC-104	Ignition Coil

BSC-105



Ignition Coil
 For Briggs & Stratton Engines
 Fits: Quantum & Europa Engines
 Model #'s : 96720 (2-Cycle) ,
 99700, 12A800-12W800,
 121600-129800
 Replaces: 802574, 493237

Part Number	Description
BSC-105	Ignition Coil

BSC-106



Ignition Coil
 For Briggs & Stratton Engines
 Fits: 10-13HP L-Head Engines,
 9, 12.5, 14HP Vanguard Engines
 Model #'s : 286702, 286707,
 28B702, 28C707
 Replaces: 492341, 495859

Part Number	Description
BSC-106	Ignition Coil

Tecumseh

TCC-106



Ignition Coil
 For: Tecumseh Engines
 Fits: HM80, HM90, HM100,
 HMSK80, HMSK90, LH, 18SA &
 TVM220
 Replaces:
 Tecumseh: 35135, 35135A

Part Number	Description
TCC-106	Ignition Coil

Kawasaki PWC

Brush Set

B-14



Brush Set
 For Hitachi PWC Starters
 4 Brush Set
 Fits: Kawasaki 440/550

Part Number	Description
B-14	Brush Set

Kawasaki PWC

Drives

54-8106



Starter Drive
 9-T, CCW, 6-Spl
 Used On Kawasaki 440,550 Jet Ski
 Replaces: 59051-3005

Part Number	Description
54-8106	STARTER DRIVE

Repair Kit

RBK-50



Repair Kit
For: Hitachi PWC Starters
Fits: 440/550 Kawasaki PWC
For Brushes Only Use: B-14

Part Number	Description
RBK-50	Repair Kit

Mitsuba

Brush Holders

GL



Brush Holder Assy
For Mitsuba Small Engines
Starters

Part Number	Description
GL	BRUSH PLATE

SM-13



Brush Holder Assy
4-Brush System
Fits Mitsuba Small Engine
Starters

Part Number	Description
SM-13	BRUSH PLATE

SM-13L



Brush Holder Assy
For Mitsuba Small Engine
Starters

Part Number	Description
SM-13L	BRUSH PLATE

SM-13R



Brush Holder Assy
For Mitsuba Small
Engine Starters

Part Number	Description
SM-13R	BRUSH PLATE

SM-14L



Brush Holder Assy
For Mitsuba Small
Engine Starters

Part Number	Description
SM-14L	BRUSH PLATE

SM-14R



Brush Holder Assy
Used In Various Mitsuba
Starter Motors

Part Number	Description
SM-14R	Brush Holder Assy

Mitsuba

Brush Holders

SM-8



**Brush Holder Assy
For Mitsuba Small
Engine Starters**

Part Number	Description
SM-8	BRUSH PLATE

SM-80



**Brush Holder Assy
Used In SA-101 Starters
2 Brush Mitsuba Starters
Comes With:
Brushes, Brush Holder, Springs,
And Terminal
Replaces:
Suzuki: 31130-40B01**

Part Number	Description
SM-80	Brush Holder

VIR



**Brush Holder Assy For
2 Brush Mitsuba Starters
For Brush Set Only Use: B-5**

Part Number	Description
VIR	Brush Holder Assy

Brushes

47-8355



**Brush Mitsuba
14.4mm L X 9.9mm W
X 5.9mm T X 33mm LL
For Complete Set Use B-2**

Part Number	Description
47-8355	BRUSH (EA) B-2

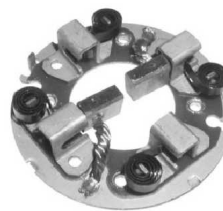
47-8360



**Brush Mitsuba
Used On Small
Engine Starters
For Complete Set Use B-1
13mm L X 10mm W X 4.5mm T
X 31.5mm LL**

Part Number	Description
47-8360	BRUSH EA B-1

47-8365



**Brush Holder W/Neg Brushes
Used On Mitsuba Starters
Requires 47-8366 Pos Brush**

Part Number	Description
47-8365	BRUSH HOLDER SM8

Brushes

47-8366



**Pos Brush Assy
Used On Mitsuba Starters
12mm L X 10mm W X 5mm T
X 34mm LL
For Neg Brush Use 47-8360
For Brush Holder Use 47-8365**

Part Number	Description
47-8366	POS BRUSH ASSY

Brushes

B-1



**Brush Set
For Mitsuba Small
Engine Starters Set Of (4)
For Each Brush Use 47-8360
13mm L X 10mm W X 4.5mm T
X 31.5mm LL**

Part Number	Description
B-1	BRUSH SET

Mitsuba

Brushes

B-10



**Brush Set
 Used In Mitsuba Small
 Engine Starters**

Part Number	Description
B-10	BRUSH SET

B-11



**Brush Set
 For Mitsuba Starters**

Part Number	Description
B-11	BRUSH SET

B-12



**Brush Set
 For Mitsuba 4 Brush
 Small Engine Starters**

Part Number	Description
B-12	BRUSH SET

B-16



**Brush Set
 For: Mitsuba Starters
 Fits: YS-37 Starters
 Replaces:
 Yamaha: 8TJ-81801-00-00**

Part Number	Description
B-16	Brush Set

B-17



**Brush Set
 For: KA-101 Starters
 Fits:
 2001-2002 AN110
 2003-2008 AN112
 1987-1988 KLF110 Mojave
 Replaces:**

Part Number	Description
B-17	Brush Set

B-2



**Brush Set Mitsuba
 14.4mm L X 9.9mm W
 X 5.9mm T X 33mm LL
 For Each Brush Use 47-8355**

Part Number	Description
B-2	BRUSH SET

B-3



**Brush Set For
 2 Brush Mitsuba Starters
 12mm L X 6mm W X
 11mm T X 23mm LL**

Part Number	Description
B-3	BRUSH SET

B-5



**Brush Set For
 2 Brush Mitsuba Starters
 14mm L X 6mm W X 13mm T
 X 28mm LL**

Part Number	Description
B-5	BRUSH SET

Mitsuba

Brushes

B-7



**Brush Set For
 2 Brush Mitsuba Starters
 10mm L X 9.4mm W X
 5.9mm T X 18mm LL**

2 BRUSH
 B-7
 MITSUBA

Part Number	Description
B-7	BRUSH SET

B-8



**Brush Set For
 2 Brush Mitsuba Starters
 12mm L X 10.3mm W X
 5.7mm T X 8mm LL**

B-8
 MITSUBA
 2-BRUSH

Part Number	Description
B-8	BRUSH SET

B-9



**Brush Set For
 Mitsuba Starter
 Fits: SA-101 Units
 6mm L X 7.5mm W X
 4.5mm T X 19mm L**

B-9
 MITSUBA
 2-BRUSH

Part Number	Description
B-9	BRUSH SET

Bushings

47-8188



**Bushing For Mitsuba
 Starters, C/E**

Part Number	Description
47-8188	Bushing

47-8189



**Bushing For Mitsuba
 Small Engine Starters**

Part Number	Description
47-8189	Bushing

Gaskets

PA-101G



**Gasket
 For: Polaris Starters
 Fits: 250/300/350/400
 2 Strokes
 Goes With PA-101N Starter**

Part Number	Description
PA-101G	Gasket

Repair Kits

RBK-1



**4 Brush Repair Kit
 For Mitsuba Starters
 For Brush Set Only Use B-1
 For Brush Plate Assy Only Use SM-8**

Part Number	Description
RBK-1	REPAIR KIT

RBK-10



**Repair Kit For
 2 Brush Mitsuba Starter
 W/O Brush Holder
 For Brushes Only Use B-8**

Part Number	Description
RBK-10	REPAIR KIT

Mitsuba

Repair Kits

RBK-11



**Repair Kit For
 Mitsuba 2 Brush Starters
 W/O Brush Holder
 For Brush Set Only Use: B-7**

Part Number	Description
RBK-11	REPAIR KIT

RBK-12



**Repair Kit For 4
 Brush Mitsuba Starters
 Includes Brush Holder Assy
 For Brush Set Only Use: B-1
 For Brush Holder Only Use: SM-8**

Part Number	Description
RBK-12	REPAIR KIT

RBK-14



**Repair Kit For 2
 Brush Mitsuba Starters
 Used On Suzuki ATV
 W/O Brush Holder
 For Brush Set Only Use: B-9**

Part Number	Description
RBK-14	REPAIR KIT

RBK-15



**Repair Kit For
 2 Brush Mitsuba Starters
 For Brush Set Only Use: B-2
 For Brush Holder Assy Use: SM-13R**

Part Number	Description
RBK-15	REPAIR KIT

RBK-16



**Repair Kit For 2
 Brush Mitsuba Starters
 W/O Brush Holder
 For Brush Set Use: B-3**

Part Number	Description
RBK-16	REPAIR KIT

RBK-17



**Repair Kit For 2
 Brush Mitsuba Starters
 For Brush Set Only Use: B-2
 For Brush Holder Assy Use: SM-13L**

Part Number	Description
RBK-17	REPAIR KIT

RBK-18



**Repair Kit For 2
 Brush Mitsuba Starters
 Used On: Polaris ATV
 For Brush Set Only Use: B-2
 For Brush Holder Assy Use: SM-13R**

Part Number	Description
RBK-18	REPAIR KIT

RBK-19



**Repair Kit For 4
 Brush Mitsuba Starters
 Used On: Polaris ATV
 For Brush Set Only Use: B-1
 For Brush Holder Assy Use: SM-8**

Part Number	Description
RBK-19	REPAIR KIT

Mitsuba

Repair Kits

RBK-2



**Repair Kit For 2
Brush Mitsuba Starters
For Brush Set Only Use: B-2
For Brush Holder Assy Use: SM-
13L**

Part Number	Description
RBK-2	REPAIR KIT

RBK-20



**Repair Kit For 2
Brush Mitsuba Starters
For Brushes Only Use: B-10**

Part Number	Description
RBK-20	REPAIR KIT

RBK-21



**Repair Kit For 2
Brush Mitsuba Starter
W/O Brush Holder
For Brush Set Only Use: B-3**

Part Number	Description
RBK-21	REPAIR KIT

RBK-22



**Repair Kit For 2
Brush Mitsuba Starters
W/O Brush Holder
For Brushes Only Use: B-8**

Part Number	Description
RBK-22	REPAIR KIT

RBK-23



**Repair Kit For 2
Brush Mitsuba Starters
For Brush Set Only Use: B-11
For Brush Holder Assy Use: SM-
14L**

Part Number	Description
RBK-23	REPAIR KIT

RBK-24



**Repair Kit For 4 Brush
Mitsuba Starters
For Brush Set Only Use: B-1
For Brush Holder Assy Use: SM-8**

Part Number	Description
RBK-24	REPAIR KIT

RBK-25



**Repair Kit For 2
Brush Mitsuba Starters
W/O Brush Holders
For Brush Set Only Use: B-3**

Part Number	Description
RBK-25	REPAIR KIT

RBK-26



**Repair Kit For 4
Brush Mitsuba Starters
For Brush Set Only Use: B-1
For Brush Holder Assy Use: SM-8**

Part Number	Description
RBK-26	REPAIR KIT

Mitsuba

Repair Kits

RBK-27



Repair Kit For 2
 Brush Mitsuba Starters
 For Brush Set Only Use: B-2
 For Brush Holder Assy Use: SM-13R

Part Number	Description
RBK-27	REPAIR KIT

RBK-28



Repair Kit For 4
 Brush Mitsuba Starters
 W/O Brush Holder
 For Brush Kit Only Use: B-5

Part Number	Description
RBK-28	REPAIR KIT

RBK-29



Repair Kit For 4
 Brush Mitsuba Starters
 For Brush Set Only Use: B-12
 For Brush Holder Assy Use: SM-13

Part Number	Description
RBK-29	REPAIR KIT

RBK-2B



Repair Kit For 2
 Brush Mitsuba Starters
 For Brush Set Only Use: B-2
 For Brush Holder Assy Use: SM-13L
 Fits Units: HA-116, HA-117, HA-118

Part Number	Description
RBK-2B	Repair Kit

RBK-3



Repair Kit For 2
 Brush Mitsuba Starters
 For Brush Holder Assy Use: SM-13R
 For Brush Set Only Use: B-2

Part Number	Description
RBK-3	REPAIR KIT

RBK-30



Repair Kit For 2
 Brush Mitsuba Starters
 W/O Brush Holder
 For Brush Set Only Use: B-5

Part Number	Description
RBK-30	REPAIR KIT

RBK-31



Repair Kit For 2
 Brush Mitsuba Starters
 W/O Brush Holder
 For Brush Set Only Use: B-5

Part Number	Description
RBK-31	REPAIR KIT

RBK-32



Repair Kit For 2
 Brush Mitsuba Starters
 For Brush Plate Use: GL
 For Brush Set Only Use: B-5

Part Number	Description
RBK-32	REPAIR KIT

Mitsuba

Repair Kits

RBK-33



**Repair Kit For 2
 Brush Mitsuba Starters
 For Brush Holder Assy Use: GL
 For Brush Set Only Use: B-5**

Part Number	Description
RBK-33	REPAIR KIT

RBK-34



**Repair Kit For 2
 Brush Mitsuba Starters
 For Brush Holder Assy Use:GL
 For Brush Set Only Use: B-5**

Part Number	Description
RBK-34	REPAIR KIT

RBK-35



**Repair Kit For 2
 Brush Mitsuba Starters
 For Brush Holder Assy Use: SM-
 13L
 For Brush Set Only Use: B-2**

Part Number	Description
RBK-35	REPAIR KIT

RBK-37



**Repair Kit For 4
 Brush Mitsuba Starters
 For Brush Holder Only Use: SM-8
 For Brush Set Only: B-1**

Part Number	Description
RBK-37	REPAIR KIT

RBK-38



**Repair Kit For 2
 Brush Mitsuba Starters
 For Brush Holder Assy Use: SM-
 13L
 For Brush Set Only Use: B-2**

Part Number	Description
RBK-38	REPAIR KIT

RBK-39



**Repair Kit For 2
 Brush Mitsuba Starters
 For Brush Holder Assy: VIR
 For Brush Set Only Use: B-5**

Part Number	Description
RBK-39	REPAIR KIT

RBK-3B



**Repair Kit For 2
 Brush Mitsuba Starters
 For Brush Holder Assy Use: SM-
 13R
 For Brush Set Only Use: B-2
 Used In: HA-115 Starters**

Part Number	Description
RBK-3B	Repair Kit

RBK-40



**Repair Kit For 4
 Brush Mitsuba Starters
 For Brush Holder Assy Use: SM-8
 For Brush Set Only Use: B-1**

Part Number	Description
RBK-40	REPAIR KIT

Mitsuba

Repair Kits

RBK-41



**Repair Kit For 2
 Brush Mitsuba Starters
 For Brush Holder Assy Use:GL
 For Brush Set Only Use: B-5**

Part Number	Description
RBK-41	REPAIR KIT

RBK-42



**Repair Kit For 4
 Brush Mitsuba Starters
 For Brush Holder Assy Use: SM-
 13
 For Brush Set Only Use: B-12**

Part Number	Description
RBK-42	REPAIR KIT

RBK-43



**Repair Kit For 4
 Brush Mitsuba Starters
 For Brush Holder Assy Use: SM-8
 For Brush Set Only Use: B-1**

Part Number	Description
RBK-43	REPAIR KIT

RBK-44



**Repair Kit For 2
 Brush Mitsuba Starters
 For Brush Holder Assy Use: GL
 For Brush Set Only: B-5**

Part Number	Description
RBK-44	REPAIR KIT

RBK-47



**Repair Kit For 2
 Brush Mitsuba Starters
 For Brush Holder Assy: SM-13L
 For Brush Set Only Use: B-2**

Part Number	Description
RBK-47	REBUILD KIT

RBK-49



**Repair Kit For 2 Brush
 Mitsuba Starters
 For Brush Set Only Use: B-5
 Used In SS-21 Starters**

Part Number	Description
RBK-49	Repair Kit

RBK-6



**Repair Kit For 2
 Brush Mitsuba Starters
 For Brush Holder Assy Use: GL
 For Brush Set Only Use: B-5**

Part Number	Description
RBK-6	REPAIR KIT

RBK-61



**Repair Kit
 For Mitsuba Starters
 Fits: PA-113N, KT-101N
 Starters**

Part Number	Description
RBK-61	Repair Kit

Mitsuba

Repair Kits

RBK-62



**Repair Kit
For Mitsuba Starters**
Fits:
**2 Brush Mitsuba Starters SM-14
SA-104, SA-104N**
Brush Holder Assy: SM-14L
For Brushes Only Use: B-11

Part Number	Description
RBK-62	Repair Kit

RBK-64

**Repair Kit
For Mitsuba Starters**
Fits Units: KA-101
For Brush Set Only
Use : B-17

Part Number	Description
RBK-64	Repair Kit

RBK-66



**Repair Kit
For Mitsuba Starters**
Fits: SA-110 OE Starters
Manufactured By OE
For Kit For SA-110 Aftermarket
Starters Use Kit: RBK-66A

Part Number	Description
RBK-66	Repair Kit

RBK-66A



**Repair Kit
For Mitsuba Starters**
Fits: SA-110 Aftermarket Starters
Manufactured By Aftermarket
Suppliers
For Kit For SA-110 OE
Starters Use Kit: RBK-66

Part Number	Description
RBK-66A	Repair Kit

RBK-67



**Repair Kit
For Mitsuba Starters**
Fits Unit # HS-70 , HS-70N
For Brush Holder Assy Use: SM-13
For Brush Set Use: B-2

Part Number	Description
RBK-67	Repair Kit

RBK-7



**Repair Kit For 2
Brush Mitsuba Starters**
W/O Brush Holder
For Brush Set Only Use: B-3

Part Number	Description
RBK-7	REPAIR KIT

RBK-72



**Repair Kit
For Mitsuba Starters**
For Brush Holder Only Use: SM-13
For Brush Set Only Use: B-12
Fits In Units: AC-7

Part Number	Description
RBK-72	Repair Kit

RBK-9



**Repair Kit For 2
Brush Mitsuba Starters**
W/O Brush Holder
For Brush Set Only Use: B-7

Part Number	Description
RBK-9	REPAIR KIT

Mitsuba

Solenoids

31-8960



**Solenoid/Relay-Honda
Remote Honda**
For: TRX350 1988-1989
Replaces:
Honda: 35850-HA7-71,
35850-HA7-771

Part Number	Description
31-8960	Solenoid

Onan

Drives & Drive Kits

48-3861



Starter Drive Kit
Used On: UT Starters
For: Onan Starters
40.5mm Gear OD X 20mm L

Part Number	Description
48-3861	DRIVE

48-3891



Starter Drive Kit
24-Teeth, CCW
Used On: UT Starters
For: Onan Engines
58mm Gear ID X 11.5mm L

Part Number	Description
48-3891	DRIVE KIT

Polaris ATV

Drives & Drive Kits

PA-103



Starter Drive (Zen Brand)
For Polaris ATV Starters
Fits: All
Except Polaris 700 Sportsman

Part Number	Description
PA-103	STARTER DRIVE

PA-103-1



Starter Drive (Standard Brand)
For Polaris ATV Starters
Fits: All
Except Polaris 700 Sportsman

Part Number	Description
PA-103-1	Drive Assy

WD-5



Starter Drive (Zen Brand)
For Polaris 700 Sportsman
Fits: All

Part Number	Description
WD-5	Drive Assy

Gaskets

PA-101G



Gasket
For: Polaris Starters
Fits: 250/300/350/400
2 Strokes
Goes With PA-101N Starter

Part Number	Description
PA-101G	Gasket

Polaris Snowmobile

Drive Kits

60-1150



Drive Kit
9-Tooth CW
Used On: Polaris Snowmobile Starters
Used In: 49-0152 Starter
Replaces:
UT: 6513540
Gear OD: 28.9 mm
Splines: 7
ID: 10.5 mm
OAL: 27.7 mm

Part Number	Description
60-1150	Drive Kit

Prestolite Motors

Brushes

49-9021



Brush 12 Volt (Each)
For Small Prestolite Motors
.492" L X .241" W X .241" H X 1.20" LL
Replaces: 42-42 (Pair), ETN12BS

Part Number	Description
49-9021	BRUSH (EA)

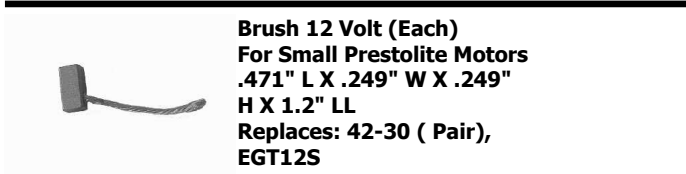
49-9022



Brush 12 Volt (Each)
For Small Prestolite Motors
.473" L X .247" W X .250" H X 1.320" LL
Replaces: 42-32 (Pair), ESQ12S

Part Number	Description
49-9022	BRUSH (EA)

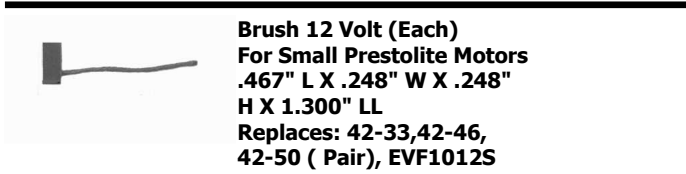
49-9023



Brush 12 Volt (Each)
For Small Prestolite Motors
.471" L X .249" W X .249" H X 1.2" LL
Replaces: 42-30 (Pair), EGT12S

Part Number	Description
49-9023	BRUSH (EA)

49-9024



Brush 12 Volt (Each)
For Small Prestolite Motors
.467" L X .248" W X .248" H X 1.300" LL
Replaces: 42-33,42-46, 42-50 (Pair), EVF1012S

Part Number	Description
49-9024	BRUSH (EA)

Rectifiers

Onan

KH4301



Rectifier Only Kohler
12 Volt
Used On:
Commercial Walk-Behind Mowers
W/Kohler Engine W/Electric Clutch,
Rope Starter & No Battery
Kohler CV11, CV12.5 , CV13, CV14 ,
CV15 , CV18 Model Engines
Replaces:
John Deere: M131287
Kohler: 12-403-01, 1240301S
Terminal ID: AC, B+

Part Number	Description
KH4301	Rectifier

Regulators-Rectifiers

Briggs & Stratton

Br3219



Regulator-Rectifier
For Briggs & Stratton
12 Volts, 14.4 Voltset
Replaces:
Briggs & Stratton: 493219
For 16 Amp Dual Output
Charging Systems

Part Number	Description
BR3219	Reg-Rect Briggs

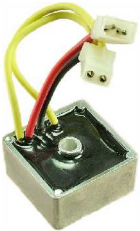
Br4890



Regulator-Rectifier
For Briggs & Stratton
12 Volt, 14.4 Voltset
Replaces:
Briggs & Stratton: 393374,
394890, 691185
For: 10 Amp, 13 Amp, 14 Amp, &
16 Amp Charging Systems

Part Number	Description
BR4890	Reg-Rect Briggs

Br7809



Regulator-Rectifier
For Briggs & Stratton
12 Volts, 14.4 Voltset
Replaces:
Briggs & Stratton: 397809
For 8 Amp Quad Circuit Charging
Systems

Part Number	Description
BR7809	Reg-Rect Briggs

Grasshopper

GH5530



Regulator Rectifier
12 Volt, 14.7 Voltset
Fits:
Grasshopper 1822D, 718D,
721D, 721G
Also Fits Kubota Various Engines
Replaces:
Grasshopper: 185530, RS5155
Kubota: 15331-64603, RP201-
53710
Terminal ID: AC, B-, AC / L, I,
B+

Part Number	Description
GH5530	Regulator-Rect

Harley

H0597



Regulator-Rectifier Black
12 Volt, 14.4 Voltset
For: 1997-2001 Harley Davidson
All Touring Models
Replaces:
Harley Davidson: 74505-97
For Chrome Finish Use: H0597C

Part Number	Description
H0597	Reg-Rect Harley

H0597C



Regulator-Rectifier Chrome
12 Volt, 14.4 Voltset
For: 1997-2001 Harley Davidson
All Touring Models
Replaces:
Harley Davidson: 74505-97
For Black Finish Use: H0597

Part Number	Description
H0597C	Reg-Rect Harley

Regulators-Rectifiers

Harley

H1001



Regulator-Rectifier Black
12 Volt, 14.4 Voltset
For: Harley Davidson
Used On: 2001-2006 Harley Davidson
Twin Cam 88 Softail Models
Replaces Harley: 74610-01
For Chrome Unit Use: H1001C

Part Number	Description
H1001	Reg-Rect Harley

H1001C



Regulator-Rectifier Chrome
12 Volt, 14.4 Voltset
For: Harley Davidson
Used On: 2001-2006 Harley Davidson
Twin Cam 88 Softail Models
Replaces Harley: 74610-01
For Black Unit Use: H1001

Part Number	Description
H1001C	Reg-Rect Harley

H1070



Regulator-Rectifier Black
12 Volt, 14.5 Voltset
For: Harley Davidson 15A Alternators
Used On: 1970-1975 Harley Davidson
Big Twin Models
Replaces Harley: 74510-70A
For Chrome Unit Use: H1070C

Part Number	Description
H1070	Reg-Rect Harley

H1070C



Regulator-Rectifier Chrome
12 Volt, 14.5 Voltset
For: Harley Davidson 15A Alternators
Used On: 1970-1975 Harley Davidson
Big Twin Models
Replaces Harley: 74510-70A
For Black Unit Use: H1070

Part Number	Description
H1070C	Reg-Rect Harley

H1075



Regulator Rectifier Black
12 Volt, 14.5 Voltset
For: Harley Davidson 17.8A Alternators
Used On: 1976-1980 Harley Davidson
Big Twin Models
Replaces Harley: 74510-75A, 74512-79A, 77510-75A
For Chrome Unit Use: H1075C

Part Number	Description
H1075	Reg-Rect Harley

H1075C



Regulator Rectifier Chrome
12 Volt, 14.5 Voltset
For: Harley Davidson 17.8A Alternators
Used On: 1976-1980 Harley Davidson
Big Twin Models
Replaces Harley: 74510-75A, 74512-79A, 77510-75A
For Black Unit Use: H1075

Part Number	Description
H1075C	Reg-Rec Harley

Regulators-Rectifiers

Harley

H1200



Regulator-Rectifier Black
12 Volt, 14.5 Voltset
Used On: 2000 Harley Davidson
Twin Cam 88 Softail Models
Replaces Harley: 74512-00
For Chrome Unit Use: H1200C

Part Number	Description
H1200	Reg-Rect Harley
H1200C	



Regulator-Rectifier Chrome
12 Volt, 14.5 Voltset
Used On: 2000 Harley Davidson
Twin Cam 88 Softail Models
Replaces Harley: 74512-00
For Black Unit Use: H1200

Part Number	Description
H1200C	Reg-Rect Harley
H1686	



Regulator-Rectifier Black
12 Volt, 14.5 Voltset
For: Harley Davidson 22A
Alternators
Used On: 1981-1988 Harley
Davidson
Big Twin Models
Replaces:
Harley: 74512-84, 74513-82A,
74513-85, 74515-86, 74516-66
For Chrome Unit Use: H1686C

Part Number	Description
H1686	Reg-Rect Harley

H1686C



Regulator-Rectifier Chrome
12 Volt, 14.5 Voltset
For: Harley Davidson 22A
Alternators
Used On: 1981-1988 Harley
Davidson
Big Twin Models
Replaces:
Harley: 74512-84, 74513-82A,
74513-85, 74515-86, 74516-66
For Black Unit Use: H1686

Part Number	Description
H1686C	Reg-Rect Harley
H1899	



Regulator-Rectifier Harley Black
12 Volt, 14.5 Voltset
Used On:
1999-2003 Harley Davidson Twin
Cam
88 Dyna Glide Models
Replaces Harley: 74518-99A
For Chrome Unit Use: H1899C

Part Number	Description
H1899	Reg-Rec Harley
H1899C	



**Regulator-Rectifier Harley
Chrome**
12 Volt, 14.5 Voltset
Used On:
1999-2003 Harley Davidson Twin
Cam
88 Dyna Glide Models
Replaces Harley: 74518-99A
For Black Unit Use: H1899

Part Number	Description
H1899C	Reg Rec Harley

Regulators-Rectifiers

Harley

H1988



**Regulator-Rectifier Black
 12 Volt, 14.5 Voltset
 For: Harley Davidson 32A
 Alternators
 Used On: 1989-1999 Harley
 Davidson
 Evolution Big Twin Models
 (Except EFI Models)
 (Except 1997-1998 FLT Touring
 Models)
 Replaces: Harley: 74519-88
 For Chrome Unit Use: H1988C**

Part Number	Description
H1988	Reg-Rec Harley

H1988C



**Regulator-Rectifier Chrome
 12 Volt, 14.5 Voltset
 For: Harley Davidson 32A
 Alternators
 Used On: 1989-1999 Harley
 Davidson
 Evolution Big Twin Models
 (Except EFI Models)
 (Except 1997-1998 FLT Touring
 Models)
 Replaces: Harley: 74519-88
 For Black Unit Use: H1988**

Part Number	Description
H1988C	Reg Rec Harley

H2384



**Regulator-Rectifier Black
 12 Volt, 14.5 Voltset
 For: Harley Davidson 32A
 Alternators
 Used On: 1989-1999 Harley
 Davidson
 Evolution Big Twin Models
 (Except EFI Models)
 (Except 1997-1998 FLT Touring
 Models)
 Replaces: Harley: 74519-88
 For Chrome Unit Use: H1988C**

Part Number	Description
H2384	Reg- Rec Harley

H2384C



**Regulator Rectifier Chrome
 12 Volt, 14.5 Voltset
 Used On: 1984-1985 Harley
 Davidson
 Sportster Models W/Alternator
 Replaces Harley: 74523-84
 For Black Version Use: H2384**

Part Number	Description
H2384C	Reg-Rect Harley

H2386



**Regulator Rectifier Black
 12 Volt, 14.5 Volt Set
 For: Harley Davidson 19 Amp
 Alternators
 Used On: 1986-1990 Harley-
 Davidson
 Sportster Models
 Replaces Harley: 74253-84A
 For Chrome Unit Use: H2386C**

Part Number	Description
H2386	Reg-Rec Harley

Regulators-Rectifiers

Harley

H2386C



Regulator Rectifier Chrome
 12 Volt, 14.5 Volt Set
 For: Harley Davidson 19 Amp
 Alternators
 Used On: 1986-1990 Harley-
 Davidson
 Sportster Models
 Replaces Harley: 74253-84A
 For Black Unit Use: H2386

Part Number	Description
H2386C	Reg-Rec Harley

Honda

S1002GL



Regulator Rectifier Honda
 12 Volt, 14.4 Voltset
 Used On: 1980-1987 Honda
 Goldwing
 GL1100, GL1200
 Replaces Honda: 31600-MG9-
 010,
 31600-463-008, ShindengenL
 SH538-12,
 SH541-12
 Note: 8 Wires In Connector Block

Part Number	Description
S1002GL	Reg Rect Honda

S1003L



Regulator Rectifier Honda
 12 Volt, 14.7 Voltset
 Used On:
 1979-1982 Honda CB750CK,
 CB750F,
 CB750SC
 1979-1982 Honda CBX
 1980-1982 Honda CB900CF
 1983 Honda CB1000C, CB1100F
 Replaces Honda: 31600-425-008,
 31600-461-771, 31600-M65-
 00,
 31600-MA2-008, 31600-MA7-
 088
 Note: 8 Wires, 3-Wires In 4-
 Prong
 Connector Block, 5-Block Wires
 In
 6-Prong Connect Plug

Part Number	Description
S1003L	Reg Rect Honda

S1003S



Regulator Rectifier Honda
 12 Volt, 14.7 Voltset
 Used On: 1979-1982 Honda
 CB650
 Replaces Honda: 31600-426-000,
 31600-460-73
 Note: 8 Wires, 3-Wires In 4-
 Prong Connector
 Block, 5-Wires In 6-Prong
 Connector Block

Part Number	Description
S1003S	Reg Rect Honda

Regulators-Rectifiers

Honda

TRR6330



Regulator Rectifier Honda
12 Volt, 14.4 Voltset
Used On:
1991-1994 Honda CBR600 F2
1995-1998 Honda CBR600 F3
1999-2000 Honda CBR600 F4
1998 Honda CBR600 SE
1996 Honda CBR600 SJR
1993-199 Honda CBR900 RR
1994-1998 Honda PC800 Pacific Coast
1989-1990 Honda PC800 Pacific Coast
1997-2000 Honda VTR1000 F Super Hawk
Replaces Honda: 31600-MV4-000, 31600-KY2-703
Shindengen SH633-12

Part Number	Description
TRR6330	Reg Rect Honda

Kawasaki

KW2056



Regulator Rectifier
For Kawasaki Engines
12 Volt, 14.7 Voltset
Used On:
Kawasaki FB460, FC400, FC420, FC540 Engines
John Deere: 130, 160, 165, 170, 172, 175,
176, 180, 185, 186, 240, 242, 245, 262, 265,
285, 320, 325, 345, F510, F525, F710, F725 Models
ATM600, 622, 626
Gator 4X2, 6X4 Models With 15 Amp Charging System
Replaces:
John Deere: M70121, M97348
Kawasaki: 21066-2056, 21066-2070
Shindengen SD578-12, SH626-12

Part Number	Description
KW2056	Reg-Rect
KW2056	Reg-Rect

KW2071



Regulator Rectifier Kawasaki
12 Volt, 14.4 Voltset
Used On: Commercial Walk Behind Mowers W/Kawasaki Engine W/Electric Clutch, Rope Starter & No Battery
Replaces John Deere: AM109462
Kawasaki: 21066-2071
Shindengen: SH637-12

Part Number	Description
KW2071	Reg Rect Kawasaki

S1004A



Regulator Rectifier Kawasaki
12 Volt, 14.6 Voltset
Used On: 1990-1998 Kawasaki JH750 Jetski
Replaces:
Shindengen SH565-12

Part Number	Description
S1004A	Reg Rect Kawasaki

Kohler

JDR2256



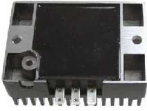
Regulator-Rectifier
12 Volt, 14.4 Voltset
For Kohler Engines, John Deere, Tecumseh, Sears
Replaces:
John Deere: AM33845, AM37200
Kohler: 237335, 4140306S

Part Number	Description
JDR2256	Reg Rect Assy

Regulators-Rectifiers

Kohler

JDR4720



Regulator-Regulator
12 Volt, 14.4 Voltset
Used On: Kohler, John Deere,
Tecumseh Engines
Replaces:
John Deere: AM102596
Kohler: 234279, 4140308S

Part Number	Description
JDR4720	Reg Rect Assy
KH4309	



Regulator-Rectifier Assy
12 Volt, 14.4 Voltset
For Kohler Engines
Replaces:
John Deere: AM102596
Kohler: 234279, 2575503S,
4140305S, 4140309S, 4140310S
Tecumseh: 610749

Part Number	Description
KH4309	Reg-Rect Assy
Kubota	
GH5530	



Regulator Rectifier
12 Volt, 14.7 Voltset
Fits:
Grasshopper 1822D, 718D,
721D, 721G
Also Fits Kubota Various Engines
Replaces:
Grasshopper: 185530, RS5155
Kubota: 15331-64603, RP201-
53710
Terminal ID: AC, B-, AC / L , I ,
B+

Part Number	Description
GH5530	Regualtor-Rect

J5050



Regulator/Rectifier
Used On Kubota
Used With: 49-4013,99-4013
Replaces:
Kubota: 15531-64601,RS5101

Part Number	Description
J5050	Regualtor-Rect
Mercury Mariner	
TRR3072	



Regulator Rectifier Assy
12 Volt, 14.4 Voltset
Used On:
Mercury Marine Outboard
Engines
Replaces:
Mercury Marine: 815279T,
815279-3,
815279-5, 830179T, 830179-2,
854515,
856748, 883072, 883072T
6-Wire Type
Terminal ID: Gray Tach, Yellow
AC,
Red (Female) Sense, Red (Male)
B+,
Black B- , Yellow AC

Part Number	Description
TRR3072	Reg Rect Assy
Onan	
TRR2277	



Regulator Rectifier Onan
12 Volt, 14.4 Voltset
Used On:
Onan 16-24 HP Including P
Series
John Deere 318-420 W/Onan
Engines
Replaces:
Onan: 191-1748, 191-2106,
191-2208, 191-2227

Part Number	Description
TRR2277	Reg Rec Onan

Regulators-Rectifiers

Seadoo

4229-124



Regulator-Rectifier Seadoo
12 Volt, 14.5 Voltset
Used On: Seadoo GTX, GSX, DI
Watercraft
Replaces:
Bombardier: 278-001-241, 278-001-554

Part Number	Description
4229-124	REG-RECT SEA DOO

Suzuki

S1002E



Regulator Rectifier Suzuki
12 volt, 14.6 Voltset
Used On:
1977-1982 Suzuki GS250 Thru
GS1100
Models
Replaces:
Suzuki: 32800-44120, 32800-47120,
32800-49140

Part Number	Description
S1002E	Reg Rec Suzuki

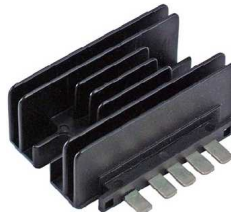
S1002L



Regulator Rectifier Suzuki
12 Volt, 14.6 Voltset
Used On:
1983-1986 Suzuki GS50 Models
1983 Suzuki GS650
1982 Suzuki GS850
1983 Suzuki GS1100 Models
Replaces:
Suzuki: 32800-43400, 32800-45220,
32800-49320, 32800-49430
5-Wires, 4-Wires in Connector
Plug,
+1 Wire W/Female Bullet
Connector

Part Number	Description
S1002L	Reg Rec Suzuki

S1002S



Regulator Rectifier Suzuki
12 Volt, 14.6 Voltset
Used On: Suzuki GS300, GS400,
GS450, GR650, GS750, GS1150
Models
Replaces Suzuki: 32800-33400,
32800-00A00,
32800-04A00, 32800-09300
Note: Terminal IDL B+, Sta, Sta,
Sta, B-

Part Number	Description
S1002S	Reg Rect Suzuki

Universal

H1988CBB



Regulator Rectifier Universal
12 Volt, Shunt Type, 14.5 Voltset
Used For:
Universal Motorcycle
Applications

- Accommodates 10 Amp Charging Systems
- Bike Builder Friendly
- Lead Kit And Terminal Provided

Part Number	Description
H1988CBB	Reg-Rect Universal

Regulators-Rectifiers

Yamaha

S1004B



Regulator Rectifier Yamaha
12 Volt, 14.4 Voltset
Used On:
Yamaha TDM850, TDR125,
TT600,
TW125, XJ600, XG250
Motorcycles
Replaces Shindengen: SH629A-
12
For 3-Phase Excited Field
Systems
Terminal Identification S1, S2,
S3, B+,
Grounded Base

Part Number	Description
S1004B	Reg Rec Yamaha

Sea-Doo PWC

Drives

WD-4



Drive-Denso
9 Teeth, CCW, 6 Spline
Replaces: Denso : 028300-771
29mm Gear OD X 12mm ID X
33.6mm OL
Used On: Sea Doo 580,650, 720 Jet
Ski's

Part Number	Description
WD-4	STARTER DRIVE

WD-5

Part Number	Description
WD-5	STARTER DRIVE

Tecumseh

Armatures

48-9856



Armature-Tecumseh
Replaces: 35895
163mm OAL 10 Splines
12.7mm Shaft OD Front
9.5mm Shaft OD Rear

Part Number	Description
48-9856	ARMATURE

Brush Holders

47-1003



Brush Holder Assy W/Brushes
Replaces: 35452
Used On: Kohler & Tecumseh
Units
For Brush Set Only: Use 47-8014

Part Number	Description
47-1003	CE FRAME/BH ASSY

47-9202



Brush Holder Assy W/Brushes
Replaces: 35452
Used On: Tecumseh Starters
120V

Part Number	Description
47-9202	BH ASSY 120V

47-9605



Brush Holder Assy
Replaces: 33712
Used On: Tecumseh Starters
For Brush Set Only Use: 47-8010

Part Number	Description
47-9605	TEC BH ASSY

47-9606



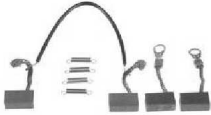
Brush Holder Assy
Replaces: 33848
Used On: Tecumseh Starters
For Brush Set Only Use: 47-8010

Part Number	Description
47-9606	BH ASSY-TEC

Tecumseh

Brushes

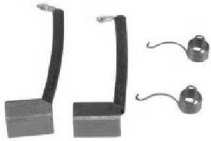
47-8010



Brush Set-Tecumseh
Used On: Tecumseh Starters
Size: 6.5mm T X 9.5mm X 17mm L

Part Number	Description
47-8010	TEC BRUSH SET

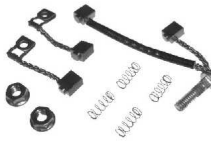
47-8011



Brush Set
Used On: Tecumseh Starters
Size: 7.5mm T X 9.5mm W X 14.5mm L
Includes Springs

Part Number	Description
47-8011	TEC BRUSH KIT

47-8014



Brush Set
Used On: Tecumseh Starters
Replaces: 35896
Includes Springs

Part Number	Description
47-8014	BRUSH KIT-TEC

Bushings

47-6000



Bushing-Tecumseh
Drive End
20mm OD X 15.8mm ID X 12.6mm L

Part Number	Description
47-6000	BUSHING-TEC

47-6001



Bushing-Tecumseh
Comm End
19.05mm OD X 9.95mm ID X 12.19mm L

Part Number	Description
47-6001	BUSHING

47-6002



Bushing-Tecumseh
Drive End
19.06mm OD Flange X 15.93mm OD X 12.7mm ID X 11.43mm L

Part Number	Description
47-6002	TEC DE BUSHING

47-6003



Bushing-Tecumseh
Comm End
17.79mm OD Flange X 12.7mm OD X 9.53mm ID X 9.65mm L

Part Number	Description
47-6003	TEC CE BUSHING

CE Frame

48-9890



C/E Frame Housing
Replaces: 33852
Used On Starter # 33835
EMS# 49-3835

Part Number	Description
48-9890	C/E FRAME

Tecumseh

Drive End Frames

48-9857



D/E Frame Housing
Replaces: 33845
Used On Starter # 33835
EMS# 49-3835

Part Number	Description
48-9857	D/E FRAME

Drives & Drive Kits

48-9110



Drive Gear
9-Tooth 6-Spline
27mm OD X 12.7mm ID
X 27.85mm H
Replaces: 33524
Used On Starters: 33600,
33607,34421

Part Number	Description
48-9110	9TH GEAR TEC

48-9112



Drive Gear
11-Tooth 6-Spline
32mm OD X 10.2mm ID
X 32mm H
Replaces: 33844
Used On Starters: 33835,49-3835

Part Number	Description
48-9112	11TH TEC DRIVE

48-9122



Drive Collar
Used With 48-9110 Gear

Part Number	Description
48-9122	DRIVE COLLAR

48-9133



Drive Spring
Used On Tecumseh Starters
Replaces: 34954

Part Number	Description
48-9133	DRIVE SPRING

48-9136



Drive Spring
Used On Tecumseh Starters
Replaces: 33431

Part Number	Description
48-9136	DRIVE SPRING

48-9137



Drive Spring Retainer
Used On Tecumseh Starters
Replaces: 34950

Part Number	Description
48-9137	DRIVE SPRING RET

48-9233



Drive Spring Retainer
Used On Tecumseh Starters
Replaces: 33430

Part Number	Description
48-9233	DRIVE SPRING RET

Tecumseh

Drives & Drive Kits

48-9244



Drive Spring Retainer
Used On Tecumseh Starters
Replaces: 33522

Part Number	Description
48-9244	DRIVE SPRING RET

48-9245



Drive Spring Retainer Ring
Used On Tecumseh Starters
Replaces: 34955

Part Number	Description
48-9245	RETAINER

48-9247



Drive Spring Retainer
Used On Tecumseh Starters
Replaces: 33842

Part Number	Description
48-9247	RET RING

48-9248



Drive Nut
Used On Tecumseh Starters
Replaces: 33433A

Part Number	Description
48-9248	DRIVE NUT

48-9613



Drive
10-Teeth, CCW, 7-Spline Spiral
32mm OD X 10.2mm ID X
32.8mm H
Replaces: 36853

Part Number	Description
48-9613	DRIVE GEAR 10TH

48-9811



Drive
16-Teeth, CCW
32.6mm OD X 10.2mm ID X
32mm H
Replaces: 33432
Used In Starter No.'s:
36680,33328,
33518,33519,33605,33606,3376
3,35053,
35096,35763,35765

Part Number	Description
48-9811	16TH TEC DRIVE

48-9813



Drive
9-Teeth, 6-Spline Spiral
27mm OD X 12.75mm ID X
27.85mm H
Replaces: 33542
Used In Starter No.'s: 33600,
33607,34421

Part Number	Description
48-9813	9TH TEC GEAR

Field Housings

48-9880



Field Housing Assy
Used On Tecumseh Starters
Replaces: 35900

Part Number	Description
48-9880	FIELD CASE

Tecumseh

Field Housings

48-9881



Field Housing Assy
Used On Tecumseh Starters
Replaces: 33847

Part Number	Description
48-9881	FIELD CASE

Tiger Shark PWC

Drives

WD-5



Starter Drive Assy (Heavy Duty Zen Brand)
For: Tiger Shark PWC Starters
19 Tooth Gear
For 1000CC & 1100CC Use: WD-6

Part Number	Description
WD-5	Starter Drive

WD-5-1



Starter Drive Assy (Standard Duty)
For: Tiger Shark PWC Starters
19 Tooth Gear
For 1000CC & 1100CC Use: WD-6

Part Number	Description
WD-5-1	Drive Assy

WD-6



Starter Drive Assy
For: Tiger Shark 1000cc & 1100cc
23 Tooth Gear
For All Other Applications Use:
WD-5

Part Number	Description
WD-6	23 TOOTH DRIVE

United Technology

Armatures

60-1021



Armature-UT
12 Volt, 6-Splines, CCW
9-1/4" L X 3.03" Body L
Replaces: 5669340

Part Number	Description
60-1021	Armature

60-1027



Armature-UT
12 Volt, 6-Splines, CCW
7-3/4" L X 2.35" Body L
Replaces: 5667340

Part Number	Description
60-1027	ARMATURE NEW

60-1030



Armature-UT
12 Volt, 6-Splines, CCW
7-13/16" L X 2.30" Body L
Replaces: 1385540

Part Number	Description
60-1030	ARMATURE UT

60-1031



Armature-UT
12 Volt, 6-Splines, CCW
8-5/8" L X 3.10" Body L
Replaces: 1385940

Part Number	Description
60-1031	ARMATURE UT

United Technology

Armatures

60-1032



Armature-UT
 12 Volt, 7-Splines, CCW
 6-9/16" L X 1.53" Body L
 Replaces: 1177440

Part Number	Description
60-1032	ARMATURE UT

60-1033



Armature-UT
 12 Volt, 6-Splines, CCW
 7-1/4" L X 1.815" Body L
 Replaces: 1389040

Part Number	Description
60-1033	ARMATURE UT

60-1034



Armature-UT
 12 Volt, 6-Splines, CCW
 9-5/8" L X 3.78" Body L
 Replaces: 1386340

Part Number	Description
60-1034	ARMATURE UT

60-1035



Armature-UT
 12 Volt, 6-Splines, CCW
 7-7/8" L X 2.335" Body L
 Replaces: 4438840

Part Number	Description
60-1035	ARM UT

60-1036



Armature-UT
 12 Volt, 6-Splines, CCW
 9-1/4" L X 3.100" Body L
 Replaces: 1796640

Part Number	Description
60-1036	ARMATURE UT

60-1037



Armature-UT
 12 Volt, 7-Splines, CCW
 6-9/16" L X 1.760" Body L
 Replaces: 1250640

Part Number	Description
60-1037	ARMATURE-UT

60-1038



Armature-UT
 12 Volt, 6-Splines, CCW
 7-3/4" L X 2.350" Body L
 Replaces: 1819340,5667740

Part Number	Description
60-1038	ARMATURE UT

60-1040



Armature-UT
 12 Volt, 6-Splines, CCW
 10-5/16" L X 3.75" Body L
 Replaces: 1780040

Part Number	Description
60-1040	ARMATURE UT

United Technology

Armatures

60-1041



Armature-UT
12 Volt, 6-Splines, CCW
9-1/4" L X 3.050" Body L
Replaces: 4418540

Part Number	Description
60-1041	ARMATURE

60-1043



Armature-UT
12 Volt, 6-Splines, CCW
10-5/16" L X 3.800" Body L
Replaces: 1776740

Part Number	Description
60-1043	ARMATURE NEW

Brush Holders

60-1020



Brush Holder
W/O Brushes
For United Technology Starters
Replaces: 1868540

Part Number	Description
60-1020	BH UT

Brushes

47-8040



Brush Set
W/ Springs
For United Technology Style
Motors
Used On Tarp Motors
Replaces: KT65580

Part Number	Description
47-8040	Brush Set

60-1078



Brush Set, 12,24 Volt
Used On Salt Spreader Motors
12.8mm L X 16mm W X 7mm H X
116mm Long Lead &
50mm Short Lead
1/4-20 X 1-3/8 Post
Replaces: 0802940, K-98

Part Number	Description
60-1078	BRUSH SET SALT S

68-7800



Brush Kit
Used On United Technologies
Starters
12.5mm L X 10.5mm W X 8mm H
X
1/4-20 Post
Replaces: 1090040, KT10900

Part Number	Description
68-7800	BRUSH SET-UT 12V

68-7800-1



Brush Kit W/ Bushings
Used On United Technologies
Starters
12.5mm L X 10.5mm W X 8mm H
X
1/4-20 Post
Replaces: 1090040, KT10900

Part Number	Description
68-7800-1	BRUSH KIT W/BUSH

Bushings

5664940



Bushing D/E
Used On United Technologies
Starters
19mm OD X 13mm ID X 11.5mm
L
Steel Bushing

Part Number	Description
5664940	BUSHING

United Technology

Bushings

BG3037S



Bushing C/E
Used On United Technologies Starters
11.3mm OD X 9.25mm ID X 10.00mm L

Part Number	Description
BG3037S	BUSHING

BG3038S



Bushing D/E
Used On United Technologies Starters
25mm OD X 17mm ID X 13.25mm L With Flange

Part Number	Description
BG3038S	Bushing

CE Frame

60-1010



CE Frame W/Brush Holder & Brushes
Used On: Kohler, OMC, Onan
Replaces: 2025040, 2071640, 4439740

Part Number	Description
60-1010	CE FRAME

60-1013



CE Frame W/Brush Holder & Brushes
Used On: Mercury
Replaces: 0145640

Part Number	Description
60-1013	CE FRAME UT

60-1014



CE Frame W/Brush Holder & Brushes
Used On: Kohler, OMC
Replaces: 5703840, 0261240, CP551406

Part Number	Description
60-1014	CE FRAME UT

60-1017



CE Frame W/Brush Holder & Brushes
Used On: Chrysler, Kohler, Mercury
Replaces: 2136140, 5668640

Part Number	Description
60-1017	CE FRAME

60-1018



CE Frame W/Brush Holder & Brushes
Used On: Mercury
Replaces: 4823040, 4872940

Part Number	Description
60-1018	CE FRAME

B-20



CE Frame With Brush Holder Assy
Fits Units W/(2) 1/4-20 Terminal Studs
Used In Many Applications
Super Winch Motors, Warn Winch Motors,
Many Tarp Motors & More

Part Number	Description
B-20	CE Frame BH

United Technology

CE Frame

B-21



**CE Frame With
Brush Holder Assy**
Fits Units W/2 10-32 Terminal
Studs
Used In Many Appliactions
Super Winch Motors, Warn Winch
Motors,
Many Tarp Motors & More

Part Number	Description
B-21	CE Frame BH

Drive & Drive Kits

60-1045



Drive 9-Tooth, CCW, 6-Spline
Used On: United Technology Starters
1.133 OD X .502 ID
Replaces: 1059340

Part Number	Description
60-1045	DRIVE-UT

60-1046



Drive 10-Tooth, CCW, 7-Spline
Used On: United Technology Starters
32.16mm OD X 10.42mm ID
Replaces: 5695140

Part Number	Description
60-1046	DRIVE KIT

60-1047



Drive 10-Tooth, CCW, 7-Spline
Used On: United Technology Starters
1.26" OD X .415" ID
Replaces: DV551067AS

Part Number	Description
60-1047	DRIVE

60-1048



Drive 9-Tooth, CCW
Used On: United Technology Starters
1.435" OD X .515" ID
Replaces: 2034640

Part Number	Description
60-1048	UT DRIVE

60-1049



Drive 13-Tooth, CCW, 7-Spline
Used On: United Technology Starters
1.505" OD X .451" ID X 1.18" L
Replaces: 1487940

Part Number	Description
60-1049	UT DRIVE

60-1051



Drive 10-Tooth, CCW, 4-Spline
Used On: United Technology Starters
1.265" OD X .414" ID
Replaces: DV551092AS

Part Number	Description
60-1051	UT DRIVE

60-1053



Drive 9-Tooth, CCW
Used On: United Technology Starters
1.126" OD X .478" ID
Replaces: 0255740

Part Number	Description
60-1053	UT DRIVE

United Technology

Drive & Drive Kits

60-1054



Drive 10-Tooth, CCW
Used On: United Technology Starters
1.126" OD X .515" ID
Replaces: 1801940

Part Number	Description
60-1054	UT DRIVE

60-1055



Drive 11-Tooth, CCW
Used On: United Technology Starters
1.683" OD X .515" ID
Replaces: 1637540

Part Number	Description
60-1055	DRIVE ASSY

60-1056



Drive 10-Tooth, CW, 7-Spline
Used On: United Technology Starters
1.222" OD X .413" ID
Replaces: 0801140

Part Number	Description
60-1056	DRIVE

60-1057



Drive 8-Tooth, CCW, 6-Spline
Used On: United Technology Starters
1.060" OD X .480" ID
Replaces: 4787140

Part Number	Description
60-1057	DRIVE

60-1058



Drive 10-Tooth, CCW, 6-Spline
Used On: United Technology Starters
1.57" OD X .515" ID
Replaces: 1090840

Part Number	Description
60-1058	DRIVE

60-1059



Drive 9-Tooth, CCW, 6-Spline
Used On: United Technology Starters
29mm OD X .11.95mm ID
Replaces: 5980420,6767520,1820040

Part Number	Description
60-1059	DRIVE-UT

60-1061



Drive 10-Tooth, CCW, 7-Spline
Used On: United Technology Starters
1.265" OD X .415" ID
Replaces: 4733840

Part Number	Description
60-1061	DRIVE

60-1062



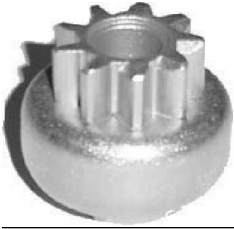
Drive 16-Tooth, CCW, 7-Spline
Used On: United Technology Starters
1.355" OD X .414" ID
Replaces: 4373340

Part Number	Description
60-1062	DRIVE

United Technology

Drive & Drive Kits

60-1063



Drive 9-Tooth, CCW, 6-Spline
Used On: United Technology Starters
1.145" OD X .515" ID
Replaces: 4419240, 7010340

Part Number	Description
60-1063	DRIVE

60-1065



Drive 9-Tooth, CCW
Used On: United Technology Starters
.860" OD X .380" ID
Replaces: 1806440, 7009940

Part Number	Description
60-1065	DRIVE

60-1066



Drive 13-Tooth, CCW, 6-Spline
Used On: United Technology Starters
1.51" OD X .515" ID
Replaces: 2020840

Part Number	Description
60-1066	DRIVE-13TH UT

60-1068



Drive 10-Tooth, CCW
Used On: United Technology Starters
1.26" OD X .415" ID
Replaces: 5695340

Part Number	Description
60-1068	DRIVE KIT-UT

60-1073



Drive 10-Tooth, CW
Used On: United Technology Starters
1.043" OD X .484" ID X 1.441 L
Replaces: 4890240

Part Number	Description
60-1073	Drive

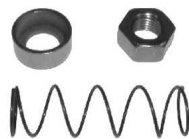
60-1080



Retainer Kit, Drive
Includes: (1) 5/16-24 Self Locking Nut
(1) Washer, (1) Retaining Collar, (1) Return Spring, And (1) Protective Cap
Fits Units: 49-9809, 49-9811, 49-9810, 49-9808
& Others
Replaces:
UT: 1890240

Part Number	Description
60-1080	Retainer Kit

60-1081



Retainer Kit
Used On: United Technology Starters
7/16-20 Nut
Replaces: 1893640

Part Number	Description
60-1081	RETAINER KIT

60-1084



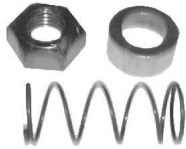
Retainer Kit
Used On: United Technology Starters
7/16-20 Nut
Replaces: 1840140

Part Number	Description
60-1084	RETAINER KIT

United Technology

Drive & Drive Kits

60-1087



Retainer Kit
Used On: United Technology Starters
7/16-20 Nut
Replaces: 1894640

Part Number	Description
60-1087	RETAINER KIT

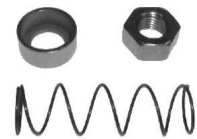
60-1089



Retainer Kit
Used On: United Technology Starters
Replaces: 1890040, 5695240

Part Number	Description
60-1089	RETAINER KIT

60-1090



Retainer Kit
Used On: United Technology Starters
Replaces: 1893840

Part Number	Description
60-1090	RETAINER KIT

60-9140



Drive-UT
10-Tooth Gear CCW
Gear OD: 23.6 mm / .0929 In
Inside Diameter: 10.6mm / .0417 In
Overall Length: 27.4mm / 1.079 In
7-Splines
Fits: 49-0053 Starters
Johnson/UT Starter: 1324440 & 5216040

Part Number	Description
60-9140	Drive-UT

Drive End Frames

47-2001



Drive End Frame
Used On: United Technology Starters
Chrysler, Force, Mercury
Replaces: 4419940CP

Part Number	Description
47-2001	D/E FRAME

47-2002



Drive End Frame
Used On: United Technology Starters
Chrysler, OMC, Wisconsin
Replaces: 0144740

Part Number	Description
47-2002	D/E FRAME

47-2005



Drive End Frame
Used On: United Technology Starters
Kohler
Replaces: 1574740

Part Number	Description
47-2005	D/E FRAME

47-2006



Drive End Frame
Used On: United Technology Starters
Kohler
Replaces: 1770640

Part Number	Description
47-2006	D/E FRAME

United Technology

Drives & Drive Kits

48-3861



Starter Drive Kit
Used On: UT Starters
For: Onan Starters
40.5mm Gear OD X 20mm L

Part Number	Description
48-3861	DRIVE

48-3891



Starter Drive Kit
24-Teeth, CCW
Used On: UT Starters
For: Onan Engines
58mm Gear OD X 11.5mm ID

Part Number	Description
48-3891	DRIVE KIT

60-1150



Drive Kit
9-Tooth CW
Used On: Polaris Snowmobile Starters
Used In: 49-0152 Starter
Replaces:
UT: 6513540
Gear OD: 28.9 mm
Splines: 7
ID: 10.5 mm
OAL: 27.7 mm

Part Number	Description
60-1150	Drive Kit

Repair Kits

RBK-78



Repair Kit
For United Technologies Starters
Used In Most All UT Starters
Comes W/ Complete Brush Set,
Brush Holder, 3 Different
Bushings,
Note: UT Starters Only Require
Two
Bushings, We Put All Three
Different Ones
To Cut Down On Number Of
SKU'S

Part Number	Description
RBK-78	Repair Kit

Voltage Regulator

Honda ATV

78-3000



Voltage Regulator
For Honda ATV
Used On:
1997-2005 TRX250, -EX
1999-2004 TRX400, -EX
Replaces:-
31600-HM8-003, 31200-HM8-013
Size: 80mm L X 90mm W X
28mm H
Hole Distance: 60mm

Part Number	Description
78-3000	Voltage Reg

Voltage Regualtor

Suzuki Motorcycle

44-3600



**Voltage Regulator
 For Suzuki Motorcycles**
Used On:
 1986-1987 LT-F230
 1985-1986 LT230GE
 1986-1987 LTF230
 1983-1986 GS550E, -EF
 1983-1986 GS550ES, -ESF, -ESG
 1983-1986 GS550ES3
 1983-1986 GS550L
Replaces Yamaha:
 32800-43400, 32800-43X50,
 32800-49430

Part Number	Description
44-3600	Voltage Regulator

Yamaha ATV

78-2000



**Voltage Regulator/Rectifier
 For Yamaha ATV**
Used On:
 2004-2008 YFM125 Grizzly
 2001-2004 YFM250 Bear
 2007-2008 YFM250 Big Bear
 2005-2006 YFM250 Bruin
 2004-2006 YFM350 Bruin
 2007-2008 YFM350 Grizzly
 2002-2008 YFM450 Big Bear
 2006-2008 YFM450 Wolverine
Replaces Yamaha: 5GT-81960-00-00

Part Number	Description
78-2000	Voltage Regulator

78-2001



**Voltage Regualtor/Rectifier
 For Yamaha ATV**
Used On:
 2006-2008 YFM450 Rhino
 2002-2008 YFM660 Grizzly
 2004-2007 YFM660 Rhino
 2006-2008 YFM700 Raptor
Replaces Yamaha: 5BN-81960-00-00

Part Number	Description
78-2000	Regualtor

Yamaha PWC

Drives

WD-3



Starter Drive
11-Teeth, CCW, 6-Spline
Used On: Hitachi Starters
For: Yamaha Wave Runner 500
33.5mm Gear X 12mm ID X
39.5mm L

Part Number	Description
WD-3	STARTER DRIVE

Repair Kit

RBK-50



Repair Kit
For: Hitachi PWC Starters
Fits: 440/550 Kawasaki PWC
For Brushes Only Use: B-14

Part Number	Description
RBK-50	Repair Kit

Tilt & Trim Motors

Complete Units

107-112N



Tilt Motor
For OMC Cobra stern Drive 89-93
For Volvo Penta 3.0L-8.2L 94-Up
2-Wire Connection (Flag
Connectors)
Flat Blade Shaft
Replaces:
API Marine: PT304, PT304NM
Arco: 6245
OMC: 986280
Volvo Penta: 3853945

Part Number	Description
107-112N	Tilt Motor

107-118N



Tilt Motor
For Volvo-Penta
Replaces Electrolux Version
2-Wire Connection (Female
Term Ends)
Replaces:
API Marine: PT404NM
Arco: 6223
Volvo: 850834-3

Part Number	Description
107-118N	Tilt Motor

107-121N



Tilt Motor & Reservoir
For Mercury, Mariner & Force
Fits Assy: # 824051
2-Wire Connection
Replaces OE 3-Wire Motor (4-
Bolt Mtg_
Replaces:
API Marine PT495NK, PT495NK-2
Mercury: 824051

Part Number	Description
107-121N	Tilt Motor & Res

107-124N



Tilt Motor
For Yamaha 115-200HP 87-95
Also for 225HP 90-91
2 Wire Connection (Ring
Terminal Ends)
Replaces:
API Marine: PT600NM
Arco: 6265
Yamaha: 6G5-43880-02

Part Number	Description
107-124N	Tilt Motor

10847N



Tilt Motor
For Sea-Doo
Used On: GSI, GSX, GSX Ltd,
RX, RX, DI, RX lts, RXP, XP
Models
Replaces:
Sea-Doo: 278-001-292

Part Number	Description
10847N	Motor

49-0008



Tilt Motor-OMC
12 Volt
For: Mercury, Mercruiser W/
Oildyne Pump
Replaces:
Arco Marine: 6218
Mercury Marine: 176491A1,
87828
For Motor & Reservoir Use: 49-
8025
For Complete Assy Use: 49-8018

Part Number	Description
49-0008	Tilt Motor

Tilt & Trim Motors

Complete Units

49-6206



Tilt Motor
3-Wire Connection
Tilt Trim Motor For
Evinrude, Johnson V4 & V6
Engines
Replaces:
API Marine: PT300NM
Arco Marine: 6206
OMC: 387277, 582047, 582155
Prestolite: EVC4002

Part Number	Description
49-6206	Tilt Motor

49-6216



Tilt Motor & Reservoir
For: OMC & U.S Marine Power
Replaces:
Arco: 6216
OMC: 172543, 382715
US Marine: 449541-1, 455541
Prestolite: EVK4001

Part Number	Description
49-6216	Motor

49-6217



Tilt Motor & Reservoir
For: BMW, Mercruiser, Volvo
Penta
Note: Includes 3-Wire Harness
With
3 Ring Terminals And Reservoir
Replaces:
API Marine: PT440, PT440A,
PT440AB, PT440ABN
Arco Marine: 6217
Merucry Marine: 67914A2,
76395A2,
76395A5, 88475A5, 92975A28,
92975A6,
93247A4, 93247A7
Prestolite: ERH4102

Part Number	Description
49-6217	Motor

49-6224



Motor, Pump & Reservoir
For Volvo Penta
3-Wire
Replaces:
Volvo: 852928
Prestolite: EVH4002

Part Number	Description
49-6224	Tilt Motor

49-6225



Tilt Motor
For Volvo-Penta
3-Wire
New Motor & Reservoir
Replaces:
Prestolite: EVH4002
Volvo: 852928
For Motor With Reservoir &
Pump
Use Part # 49-6224

Part Number	Description
49-6225	Motor

49-6227



Tilt Motor W/Pump
For: Volvo-Penta
Complete W/ Oildyne Pump
Replaces:
API Marine: PT406N
Arco: 6227
Volvo: 3857265-7, 3861027-5,
854346-4

Part Number	Description
49-6227	Tilt Motor

49-6232



Motor
For Volvo-Penta
(Late Model)
For Complete Assy
Use 49-6227
Replaces:
Volvo: 854346-4

Part Number	Description
49-6232	Motor

Tilt & Trim Motors

Complete Units

49-6238



Tilt Motor
For OMC
Fits: 1998-UP OMC 75-250HP
Note: Has Sealed Female Terminal Ends
Replaces:
OMC: 438786, 439937, 5005254
Arco: 6238
API Marine: PT305NM

Part Number	Description
49-6238	Motor

49-6240



Tilt Motor
For Yamaha
Used On:
Yamaha 115HP 1997-Up,
115HP 4-Stroke 2000-Up
150-200HP 1997-Up
225HP 1998-Up
Replaces:
Yamaha: 64E-43880-00-00,
64E-43880-01-00

Part Number	Description
49-6240	Motor

49-6241



Tilt Motor
For Evinrude/Johnson/OMC
Replaces:
API Marine: PT303NM
Arco: 6241
OMC: 434495, 434496,
438529, 438531

Part Number	Description
49-6241	Starter

49-6266



Tilt Motor
For Yamaha
2-Wire, 3-Bolt Mount
Used On 1995-2003 Yamaha
40-100HP
Replaces:
Yamaha: 62X-43880-00,
62X-43880-01, 62X-43880-09

Part Number	Description
49-6266	Motor

49-6269



Tilt/Trim Motor
For Suzuki
3-Wire, 3-Bolt Mounting
Used On Outboard Engines (V6)
Replaces:
Suzuki: 38100-87D00-01T
38100-87D00-02H, 38100-87E10-OED

Part Number	Description
49-6269	Tilt Motor

49-6270



Tilt Motor
For: Mercury Outboard
Used On 225-275HP Engines
Replaces:
Mercury: 823653A5, 92459A4

Part Number	Description
49-6270	Tilt Motor

Tilt & Trim Motors

Complete Units

49-6276



Tilt Motor & Reservoir
For: Mercury/Mariner
1 Ram Tilt/Trim Systems
Also For Force 2 Ram Tilt/Trim
System
2- Wire Connection
Replaces:
API Marine: PT496NK-2
Arco: 6276
Mercury Marine: 809885A1,
80988A2,
811674, 811699, 813447

Part Number	Description
49-6276	Tilt Motor & Res

49-6279



Tilt Motor
For Mercury & Mariner
3-Wire Connection
Replaces:
Mercury 811628

Part Number	Description
49-6279	Tilt Motor

49-8004



Tilt Trim Motor-OMC
12 Volt
Used On: Johnson/Evinrude,
OMC Sea Drive
Replaces:
391264,393259,393988,394716,
395840,437666,983019,985237

Part Number	Description
49-8004	TILT MOTOR

49-8006



Tilt Trim Motor-OMC
12 Volt
Used On: OMC
Replaces: OMC: 982058, 982706
Prestolite: 40-393, 40-416, EVD-
4001,4002

Part Number	Description
49-8006	TILT MOTOR

49-8018



Tilt Motor & Reservoir
Oildyne Style Pump Assy
100% New
Complete With Stainless Steel
Bracket,
Solenoids, Wiring Cables,
Junction Block,
And Stainless Steel Hardware For
Mounting
In The Floor
Replaces:
Mercury Marine: 14336A6,
14336A9,
14336A15, 14336A20, 88183A5,
88183A8,
88183A12
For Motor & Reservoir Only Use:
49-8025
For Motor Only Use: 49-0008

Part Number	Description
49-8018	Mtr & Res

49-8025



Tilt Motor, Pump & Reservoir
For Mercruiser (late)
Oildyne pump
3-Wire Connection
Replaces:
Arco Marine: 6275
Mercury Marine: 14336A20,
14336A8, 88183A12
For Motor Only Use: 49-0008
For Complete Motor & Reservoir
With Brackets
And Solenoids Use: 49-8018

Part Number	Description
49-8025	Tilt Motor & Pump

6232



Tilt Motor
For: Volvo-Penta
2 Wire-Connection
Replaces:
Arco: 6232
Volvo-Penta: 854525-3

Part Number	Description
6232	Tilt Motor

Tilt & Trim Motors

Complete Units

6238



Tilt Motor
12 Volt
For: OMC 75-250HP FFI 1998-On
Replaces:
Arco: 6238
OMC: 438786, 439937

Part Number	Description
6238	Tilt Motor

6241



Tilt Motor
12 Volt
For: Evinrude, Johnson, OMC
2-Wire Connection
Replaces:
Arco Marine: 6241
OMC: 434495, 434496,
438529, 438531

Part Number	Description
6241	Tilt Motor

6270



Tilt Motor, Pump & Reservoir
For Mercury 225-275 HP
3-Wire Connection
Replaces:
Arco: 6270
Mercury Marine: 823653A5,
92459A4
For Motor Only Use: 49-0008

Part Number	Description
6270	Tilt Motor

82-6851



Tilt Motor-OMC
12 Volt, 2-Wire Connection
For: OMC 1965-1979
Replaces:
Arco Marine: 6209
OMC: 380361, 382138M 382220
Prestolite: ETK-4102

Part Number	Description
82-6851	Tilt Motor-OMC

TR-101N



Tilt Motor
For Suzuki
2-Wire
Replaces:
38100-87D10-OED
38100-87E20-OED
38100-92E00-OES

Part Number	Description
TR-101N	Motor

TR-102N



Tilt Motor
For Kawasaki Jet Ski Models
Replaces
Kawasaki: 21174-3703

Part Number	Description
TR-102N	Motor

TR-112N



Tilt Motor
Used On: Johnson, Evinrude
For: 40, 48, 50HP 1989-Up
2-Wire, Male Spade Ends
For Female Spade Ends Use:
10811N
Replaces:
OMC: 433226
Arco: 6243

Part Number	Description
TR-112N	Tilt Motor

Arctic Cat

Personal Watercraft

49-1097



Starter-Arctic Cat / Tiger Shark
12 Volt, CW, 9-Spline
Used On: Arctic Cat/Tiger Shark
PWC

Fits: 640, 770 Twin, 900,
1000 & 1100

Replaces:
Arctic Cat: 3008-327, 3008-093,
3008-462, 3008-536

Lester: 18435

Repair Parts:

Repair Kit: RBK-29
Brush Holder Assy: SM-13
Brush Set: B-12

Part Number	Description
49-1097	Starter

Starters

18911N



Starter-New
12 Volt, Mitsuba
Used On: Arctic Cat ATV, Kymco
ATV

Fits:
2006-2009 Arctic Cat 250 Utility
ATV

2006-2008 Arctic Cat DVX 250
ATV

2009 Arctic Cat DVX 300
2004-2009 Kymco MXU 250
2005-2009 Kymco MXU 300

2003-2009 Kymco Mongoose 250
2005-2009 Kymco Mongoose 300

Replaces:

Lester: 18911
Arctic Cat: 3304-274
Kymco: 31210-LBA7-900

Part Number	Description
18911N	Starter

49-1564



Starter New
12 Volt, CCW, 15-Teeth

Replaces:
Lester: 5776
Arctic Cat: 691564
Used On:
2002 SBS1000 Arctic Cat UTV
W/Briggs & Stratton Engines

Part Number	Description
49-1564	Starter

AC-1



Starter
Lucas, 12 Volt, 9-Spline
Fits:
2008-2009 ATV Thundercat
2009-2010 550
2008-2010 650 Prowler H1 650
UTV
2008-2010 700 H1 EFI
2009-2009 Prowler XTZ 1000
UTV
2008-2009 Prowler H1 700 UTV
Replaces:
Arctic Cat: 0825-013, 0825-011
Lucas: SM64, SM64-12V
Pic: 191-546

Part Number	Description
AC-1	Starter

AC-10



Starter
12 Volt, CCW, 10-Splines
For: Arctic Cat ATV

Fits:
2006 DVX 50
2006 DVX 90
2006-2008 Youth 50
2006 Youth 90

Replaces:
Arctic Cat: 3303-556
Lester: 18881

Part Number	Description
AC-10	Starter

Arctic Cat

Starters

AC-11



Starter
12 Volt, CCW, 9-Splines
Used On: Arctic Cat ATV
Fits:
2007-2008 ATV DVX 90 81cc
2006-2008 ATV Youth 90 - 2-Stroke 89cc
2007-2008 ATV Youth 90 - 4-Stroke 81cc
Replaces:
Arctic Cat: 3304-639
Pic: 191-553

Part Number	Description
AC-11	Starter

AC-12



Starter
12 Volt, CCW, 9-Splines
Used On: Arctic Cat ATV
Fits:
2004-2005 Youth 50 49cc
2002-2004 Youth 90 - 2-Stroke 89cc
Replaces:
Arctic Cat: 3301-142
Lester: 18883

Part Number	Description
AC-12	Starter

AC-13



Starter
12 Volt, CCW, 10-Splines
Used On: Arctic Cat ATV
Fits:
2004-2005 Youth 90 - 4-Stroke 81cc
Replaces:
Arctic Cat: 3301-706
Lester: 18884

Part Number	Description
AC-13	Starter

AC-3N



Starter-Arctic Cat (New)
12 Volt, Mitsuba
Used On: Arctic Cat ATV
Fits:
2004-2006 Arctic Cat 650 V-Twin ATV
Replaces: 3201-189
Lester: 18842

Part Number	Description
AC-3N	Starter-New

AC-4N



Starter-New
12 Volt, Mitsuba
Used On: Arctic Cat ATV, Kymco ATV
Fits:
2006-2009 Arctic Cat 250 Utility ATV
2006-2008 Arctic Cat DVX 250 ATV
2009 Arctic Cat DVX 300
2004-2009 Kymco MXU 250
2005-2009 Kymco MXU 300
2003-2009 Kymco Mongoose 250
2005-2009 Kymco Mongoose 300
Replaces:
Lester: 18911
Arctic Cat: 3304-274
Kymco: 31210-LBA7-900
Repair Parts:
Repair Kit: RBK-2
Brush Holder Assy: SM-13L
Brush Set: B-2

Part Number	Description
AC-4N	Starter

Arctic Cat

Starters

AC-5

Starter-Arctic Cat
Fits:
2009 ATV 150 Utility
Replaces:
Pic: 191-554
Arctic Cat: 3305-011

Part Number	Description
AC-5	Starter

AC-6



Starter
12 Volt, CW, 10-Splines
Used On: Arctic Cat ATV
Fits:
2008-2009 ATV 366
2009-2009 ATV 400
Replaces:
Pic: 191-556
Arctic Cat: 3313-433, 0837-009,
3313-719
Unit ID: PWB1, D406, SM6-PWB1

Part Number	Description
AC-6	Starter

AC-7

Starter
12 Volt, PMDD, CW, 9-Splines
For: Arctic Cat ATV
Fits:
1998-2002 500 ATV
1996-1998 Bearcat 454
Replaces:
Lester: 18865
Arctic Cat: 3545-001, 3545-014
Unit ID: SM-13
Repair Parts:
Repair Kit: RBK-72
Brush Holder Assy: SM-13
Brush Set Only: B-12

Part Number	Description
AC-7	Starter

AC-8

Starter
12 Volt, PMDD
For Arctic Cat ATV
Fits:
2008-2009 ATV (500) Manual
Replaces:
Pic: 191-558
Arctic Cat: 3545-024

Part Number	Description
AC-8	Starter

AC-9N



Starter-New
12 Volt,
For: Arctic Cat ATV
Fits:
2007-2008 ATV 700 Diesel 686cc
Replaces:
Arctic Cat: 3206-319

Part Number	Description
AC-9N	Starter

Arctic Cat

Starters

SA-104N



Starter-Arctic Cat (New)
12 Volt, Mitsuba

Used On: Arctic Cat ATV

Fits:

Arctic Cat 250 1999-2005

Arctic Cat 300 1998-2005

Replaces: 3545-003, 3545-017

Lester: 18807

Repair Parts:

2 Brush Mitsuba Starters SM-13

Repair Kit: RBK-2

Brush Kit: B-2

Brush Holder Assy: SM-13L

2 Brush Mitsuba Starters SM-14

Repair Kit: RBK-62

Brush Holder Assy: SM-14L

For Brushes Only Use: B-11

Part Number	Description
SA-104N	Starter

SA-106N



Starter-Mitsuba

12 Volt, CW, 9-Splines

Fits:

1998-2002 Arctic Cat ATV 400

2001-2007 Arctic Cat ATV 500

2005-2007 Arctic Cat ATV 650

2006-2006 Arctic Cat UTV 500

TRV

2007-2007 Arctic Cat UTV 650

TRV

2006-2007 Arctic Cat UTV H1 650

Replaces:

Lester: 18796

Arctic Cat: 0285-012, 0285-014,

3545-012, 3545-024, 3545-015

Repair Parts:

Repair Kit: RBK-42

Brush Holder Assy: SM-13

Brush Set: B-12

Part Number	Description
SA-106N	Starter

SA-108N



New Starter

Arctic Cat ATV

12 Volts, CW, 9-Spline

For:

2004-2008 DVX 400 Arctic Cat

ATV

2006-2007 DVX 400 TS Arctic Cat

ATV

Replaces:

Lester: 18718

Arctic Cat: 3445-033

Part Number	Description
SA-108N	Starter

Arctic Cat

Starters

SA-110N



New Starter
For: Arctic Cat ATV
12 Volt, CW, 10-Spline
2002-2002 Arctic Cat ATV 375
2002-2008 Arctic Cat ATV 400
2006-2007 Arctic Cat UTV 400 TRV
Replaces:
Lester: 18809, 18840
Arctic Cat: 3545-016
Repair Parts:
For OE Starters
Repair Kit: RBK-66
Brush Holders Assy: SM-14R
For Aftermarket Starters
Repair Kit: RBK-66A
Brush Holder Assy: SM-13L
Brush Set Only: B-2

Part Number	Description
SA-110N	Starter
SA-113N	



Starter-New
12 Volt, CW, 9-Spline
For: Arctic Cat ATV
Fits:
2005-2007 Suzuki ATV LT-A700X King Quad
2008-2009 Suzuki ATV LT-A750X, -Z King Quad
Replaces:
Lester: 18810
Arctic Cat: 3545-020

Part Number	Description
SA-113N	Starter

Arctic Cat Snowmobile

Starters

49-0240



Starter-Arctic Cat Snowmobile
12 Volt, PMMD
Replaces:
Lester: 5945
Arctic Cat: 0745-126, 0745-143, 0745-356
Used On:
2004-2007 Bearcat 570
2007-2008 F5
2007-2008 F6
2007-2008 F8
2007-2008 F1000 EFI
2004-2006 King Cat 900
2005-2006 King Cat 900 EFI
2005-2006 King Cat 900 EFI ER
2001-2002 Mountain Cat 500
2002-2004 Mountain Cat 570
2001-2004 Mountain Cat 600 EFI
2001-2004 Mountain Cat 800
2003-2004 Mountain Cat 900
2004-2004 Mountain Cat 900 EFI
2002-2005 Pantera 550
2001-2001 Pantera 580
2002-2005 Pantera 600 EFI
2002-2004 Pantera 800 EFI
2001-2001 Panther 550
2002-2007 Panther 570
2004-2006 Sabrecat 500
2004-2006 Sabrecat 600
2004-2006 Sabrecat 700
2008-2008 T500 Touring
2002-2007 ZL500
2001-2002 ZL550
2001-2003 ZL600
2001-2003 ZL800
2001-2005 ZR500
2001-2002 ZR600
2001-2003 ZR800
2003-2006 ZR900
2004-2006 ZR900 EFI

Part Number	Description
49-0240	Starter

Arctic Cat Snowmobile

Starters

5943N



**Starter-Arctic Cat Snowmobile
12 Volt, CCW**
Replaces:
Lester: 5941, 5942, 5943
Arctic Cat: 0645-101, 0645-183,
0645-312, 0745-074, 0745-078,
0745-129
Used On:
2000-2006 Z440
1995-1196 Bearcat 500
1996-2002 Bearcat Widetrack
1994-1994 Cheetah 550
1995-1998 Cougar
1998-1998 Cougar Deluxe
1995-1998 Cougar Mountain Cat
1993-1993 EXT 550
1994-1996 EXT 580
1993-1998 EXT 580 EFI
1996-1998 EXT 580 EFI Deluxe
1993-1996 EXT 580 EFI Mountain Cat
1993-1994 EXT 580 Mountain Cat
1995-1996 EXT 580 Powder Special
1993-1993 EXT 580Z
1997-1997 EXT 600
1998-1998 EXT 600 Tour
1998-1998 EXT 600 Triple
2001-2002 Mountain Cat 1000
2000-2001 Pantera 1000
1993-1994 Pantera 550
1995-2000 Pantera 580
1998-1999 Pantera 800
1997-2000 Panther 550
1997-1998 Powder Extreme
1997-1997 Powder Special
1995-1995 Prowler
1997-2002 Thundercat
1997-2000 Thundercat MC
1999-2001 Triple Touring 600
1999-1999 Z370
1995-1999 Z440
2000-2000 ZL550
2000-2000 ZL580
1997-2002 ZRT 600
1997-2001 ZRT 800

Part Number	Description
5943N	Starter

5944N



Starter-Arctic Cat Snowmobile 12 Volt, CW, 9-Teeth

Used On:
1995-2000 Bearcat 340
1995-2000 Bearcat 440
1994-1994 Cheetah 340
1992-1994 Cheetah 440
1991-1991 Cheetah Touring
1991-1992 Cougar 440
1989-1991 El Tigre EXT
1989-1999 Jag 340
1991-1999 Jag 440
1991-1993 Lynx
1988-1992 Pantera 440
1989-1993 Panther
1998-2000 Panther 340
1998-2008 Panther 370
1997-2002 Panther 440
1991-1996 Panther Deluxe
1996-1996 Panther Liquid
1990-1991 Panther Mountain Cat
1990-1992 Prowler
1991-1992 Prowler Mountain Cat
1991-1992 Prowler Special
1994-1997 Puma
1994-1997 Puma Deluxe
1989-1992 Super Jag
2000-2007 Z370
Replaces:
Lester: 5944
Arctic Cat: 0745-018, 0745-030,
0745-052, 0745-257
Repair Parts
Repair Kit: RBK-57
Drive: 60-1150

Part Number	Description
5944N	Starter

BMW Motorcycle

Starters

18355N



Starter-New
12 Volt, CCW, 9-Tooth
For: BMW Motorcycles
Fits: 1969-1973 R60 /5
Replaces:
Lester: 18355
BMW: 12-41-2-306-700
Valeo: D6RA21, D6RA210

Part Number	Description
18355N	Starter

BMW Motorcycle

Starters

BA-104N



Starter-Denso
12 Volt, CCW, 9-Splines
Replaces:
Lester: 18820
BMW: 12-41-2-343-511
Denso: 228000-6900
Used On:
1993-2000 F650
2000-2005 F650CS
1999-2007 F650GS
2000-2007 F650GS Dakota
1997-1999 F650ST
2005-2008 F800S, F800ST

Part Number	Description
BA-104N	Starter

BM-1N



Starter-New
12 volts, CCW, 9-Teeth
Fits: BMW Motorcycles
1998-2000 R850C, R850GS
1994-2007 R850R
1997-2006 R850RT
1994-1999 R1100GS
1995-2002 R1100R
1993-2001 R1100RS
1995-2001 R1100RT
1998-2005 R1100S
1999-2004 R1150GS
2002-2006 R1150GS Adventure
2000-2006 R1150R
2003-2006 R1150R Rockser
2001-2004 R1150RS
2001-2006 R1150RT
1997-2004 R1200C
2000-2004 R1200C Independent
2004-2004 R1200C Montauk
2003-2004 R1200CL
Replaces:
Lester: 18916
BMW: 12-41-2-306-700
Valeo: D6RA55, D6R75, 432635

Part Number	Description
BM-1N	Starter

BM-2N



Starter-New Valeo
12 Volt, CW, 9-Teeth
For: BMW Motorcycles
Used On:

BMW Motorcycle
1978-1985 R45, R45N
1980-1985 R45T, R45TN
1969-1973 R50 /5
1973-1976 R60 /6
1976-1980 R60 /7
1978-1985 R65
1981-1985 R65LS
1981-1985 R65T
1970-1973 R75 /5
1974-1976 R75 /6
1976-1977 R75 /7
1984-1995 R80
1980-1996 R80GS
1991-1994 R80R
1984-1995 R80RT
1983-1984 R80ST
1974-1976 R90 /6
1974-1976 R90S
1976-1984 R100
1976-1978 R100 /7
1980-1984 R100CS
1987-1995 R100GS
1987-1995 R100GSPD
1991-1995 R100R
1994-1995 R100R Mystic
1986-1992 R100RS
1976-1984 R100RS
1978-1995 R100RT
1995-1996 R100RT Classic
1976-1980 R100S
1978-1984 R100T
Replaces:
Lester: 18915, 18903
BMW: 12-41-1-244-606,
12-41-1-244-670, 12-41-9-062-425,
12-41-1-243-181, 12-41-1-350-246,
12-41-1-357-500, 12-41-1-244-553,
12-41-1-244-670
Valeo: D6RA15, D6RA7, 432586

Part Number	Description
BM-2N	Starter

Bombardier

ATV Starters

AC-4N

Part Number	Description
AC-4N	Starter

Bombardier

Starters

BA-105N



Starter-New
12 Volts, Mitsuba PMDD
For: Bombardier, John Deere
Fits:
Bombardier ATV
2002-2004 Quest 500 2X2, 500 4X4,
500 XT, Quest 650, Quest 650 XT
2004 Quest Max 650
2005 Traxter 500 CVT (Auto)
2005 Traxter 650 Auto CVT
2005 Traxter 650 Max Auto CVT
John Deere Outdoor Equipment:
Utility Vehicle (UTV) Trail Buck
500, 650,
650 EX, 650EXT
John Deere ATV
Trail Buck 500, 650, 650EX,
650EXT
Replaces:
Bombardier: 420888991,
711888991
John Deere: C420-888-991

Part Number	Description
BA-105N	Starter

BA-106N



Starter-New
12-Volt, CCW, 10-Spline
For Bomardier ATV
Fits:
2006-2007 DS90 Mini 4-Stroke
Replaces:
Lester: 19640
Bombardier: A31208-133-000

Part Number	Description
BA-106N	Starter

Briggs & Stratton

Alternator

12530N



Alternator-Denso
12 Volt, 45 Amps
Used On:
Briggs & Stratton
Daihatsu Engines
Replaces:
Briggs & Stratton: 825084
Denso: 100211-4620, 100211-4621
100211-4630 , 100211-4631
Daihatsu: 27060-87211, 27060-87212

Part Number	Description
12530N	Alternator

Starters

49-1564



Starter-Briggs & Stratton
12 Volt, 15-Tooth, CCW
Used On: 12.5-16 HP Engines
Replaces: 691564

Part Number	Description
49-1564	BRIGGS STARTER

49-3054



Starter-Briggs & Stratton
12 Volt, 14-Tooth, CCW Steel
Gear
Used On: 11-16 HP Engines
Replaces: 693054
Note: Short Version Of 49-3551

Part Number	Description
49-3054	Starter

Briggs & Stratton

Starters

49-3551



**Starter-Briggs & Stratton
 12 Volt, 14-Tooth, CCW Steel
 Gear
 Used On: 7-18 HP Engines
 Replaces: 693551**

Part Number	Description
49-3551	Starter

49-3552



**Starter-Briggs & Stratton
 12 Volt, 14-Tooth, CCW Steel
 Gear
 Used On: Misc Briggs Engines
 Replaces: 693552**

Part Number	Description
49-3552	Starter

49-5122



**Starter-Briggs & Stratton
 12 Volt, CCW, 16-Tooth
 Used On:
 Briggs & Stratton 14HP Engine
 Replaces:
 Briggs & Stratton: 495104,
 490753**

Part Number	Description
49-5122	Starter

49-5479



**Starter-Briggs & Stratton
 12 Volt, CCW, 14-Tooth
 Used On Various Briggs &
 Stratton Engines
 Replaces:
 Briggs & Stratton 695479**

Part Number	Description
49-5479	Starter

49-6075



**Starter-Briggs & Stratton
 12 Volt, CCW, 9-Tooth
 Replaces:
 Lester: 19612
 Pic: 190-6125
 Denso: 428000-0230
 Briggs: 807383, 809054**

Part Number	Description
49-6075	Starter

49-6306



**Starter-Briggs & Stratton
 12 Volt, 16-Tooth, CCW
 Used On: 10 & 16 HP Engines
 Replaces: 396306**

Part Number	Description
49-6306	STARTER ASB

49-7401



**Starter-Briggs & Stratton
 12 Volt, 16-Tooth, CCW
 Used On: 11-16 HP Engines
 4.25 Field Case
 Replaces:
 497401,490420,393499,
 394943,399169,494198,494990**

Part Number	Description
49-7401	B/S STARTER

49-7589



**Starter-Briggs & Stratton
 12 Volt, 16-Tooth, CCW
 Used On: 14-18 HP Engines
 3.75 Field Case
 Replaces:
 497596,393017,394808,
 394674**

Part Number	Description
49-7589	AFTMK B/S STARTE

Briggs & Stratton

Starters

49-7599



Starter-Briggs & Stratton
12 Volt, 16-Tooth, CCW
Used On: 7-12.5 HP Engines
3.75 Field Case
Replaces:
497595,392749,394805

Part Number	Description
49-7599	BRIGGS STARTER

49-8148



Starter-Briggs & Stratton
12 Volt, 16-Tooth, CCW
Used On: 18HP Twin Cylinder Engines
Replaces:
399928,495100,498148
4.25 Field Case

Part Number	Description
49-8148	STARTER MOTOR

5933N



Starter-Briggs
12 Volt, 24-Tooth, CCW
Used On: Misc Briggs & Stratton Engines
Replaces: 498149

Part Number	Description
5933N	Starter

5936N



Starter-Briggs & Stratton
12-Volt, CCW, 24-Tooth
For: Intek 5-7HP Engines
Replaces Lester: 5936
Pic: 106-231
Briggs & Stratton: 694504

Part Number	Description
5936N	Starter

695550



Starter-Briggs & Stratton
12 Volt, 19-Tooth, CCW
Used On: 3.5-5 HP Engines
Replaces: 691376, 695550
Note: OE Unit

Part Number	Description
695550	Starter

715208



Starter-Briggs & Stratton (OE)
12 Volt, CCW, 15-Teeth
Replaces: 715208

Part Number	Description
715208	Starter

825095



Starter-Briggs & Stratton
Used On Lawn Equipment
Replaces:
Briggs & Stratton: 825095
Daihatsu: 28100-87803
Nippondenso: 228000-4620
Note: OE Unit

Part Number	Description
825095	Starter

BS-111N



New Starter
12 Volt, CW, 9-Tooth
For: Daihatsu Diesel Engines
Briggs & Stratton
Replaces:
Denso: 228000-4620
Daihatsu: 28100-87803
Briggs & Stratton: 825095

Part Number	Description
BS-111N	Starter

Briggs & Stratton

Starters

BS-112N



**Starter-Briggs & Stratton
12 Volt, CCW, 15-Tooth
Used On B & S 18HP Engines
Replaces:
Denso: 228000-8020
Briggs & Stratton: 808498
John Deere: LG808726**

Part Number	Description
BS-112N	Starter

BS-113N



**Starter-New
12 Volt, CW, 9-Tooth
For: Briggs & Stratton &
Daihatsu
Fits:
Briggs & Stratton Models:
432447, 58A447, 580447,
522447, 582447, 588447
Replaces:
Lester: 18630A
Briggs & Stratton: 825700
Daihatsu: 28100-B8010
Denso: 428000-3170
Note: Both Mounting Ears
Threaded**

Part Number	Description
BS-113N	Starter

Can-Am (Bombardier)

Starters

49-7050



**Starter - New
12 Volt, CCW, 9-Teeth
Used On: Bomabrdier UTV
Replaces:
Lester: 18404
Bombardier: DAW26844
Denso: 128000-7050
Fits:
2005 Sarasota 1000 249cc**

Part Number	Description
49-7050	Starter

AC-4N



**Starter-New
12 Volt, CW, 9-Spline
For: Can Am (Bombardier)
Fits:
2006-2009 Can AM ATV DS250
Replaces:
Lester: 18911
Can Am: S31200-RB1-000**

Part Number	Description
AC-4N	Starter-New

Can-Am (Bombardier)

Starters

BA-104N



Starter-Bombardier New
 12 Volt, CCW, 9-Spline
Replaces:
Bombardier: 420294351,
711294351
Denso: 228000-6900
Fits:
 1993-2000 F650
 2000-2005 F650CS
 1999-2007 F650GS
 2000-2007 F650GS Dakota
 1997-1999 F650ST
 2005-2008 F800S
 2005-2008 F800ST
 2000-2007 DS650
 2002-2004 DS650 Baja
 2004-2007 DS650X

Part Number	Description
BA-104N	Starter

BA-107N



Starter - New
 12 Volt, CCW, 9-Splines
Used On:
Can AM (Bombardier) ATV
Fits:
 2002-2006 DS50 Mini
 2002-2006 DS90 Mini 2-Stroke
 2003-2004 Quest 50 2-Stroke
Replaces:
Lester: 18821
Bombardier: A31200-116-00

Part Number	Description
BA-107N	Starter

BA-108N



Starter - New
 12 Volt, CCW, 12-Teeth
Used On: Can-Am (Bombardier)
ATV
Replaces:
Lester: 18822
Bombardier: A31200-152-00
Fits:
 2002-2005 DS90 Mini - 4-Stroke
 2003-2004 Quest 90 - 4-Stroke

Part Number	Description
BA-108N	Starter

BA-109N



Starter-Bombardier (New)
 12 Volt, Mitsuba, CW, 9-Spline
Used On: Bombardier ATV
Replaces:
Lester: 18823
Bombardier: 420-684-280
Fits:
 2004-2005 Outlander 330 2X4 ,
 4X4
 2003-2006 Outlander 400 2X4
 2003-2008 Outlander 400 4X4
 2003-2008 Outlander 400 XT 4X4
 2004-2008 Outlander Max 400
 4X4
 2005-2006 Outlander Mzx 400
 XT 4X4

Part Number	Description
BA-109N	Starter

Can-Am (Bombardier)

Starters

BA-110N



Starter - New
12 Volt, CCW , 9-Splines
Used In: Can Am (Bombardier) ATV
Replaces:
Lester: 18880
Bombardier: 420-684-560
Denso: 428000-3580
Used On:
 2007-2009 Outlander 500 HO EFI, EFI XT
 2006-2009 Outlander 650 HO EFI, EFI XT
 2006-2009 Outlander 800 HO EFI, EFI XT
 2007-2009 Outlander MAX 500 HO EFI, EFI XT
 2006-2009 Outlander MAX 650 HO EFI, EFI XT
 2006-2009 Outlander MAX 800 HO EFI, EFI XT
 2006-2006 Outlander MAX XT 800 4X4
 2008-2009 Renegade 500 EFI
 2007-2009 Renegade 800 EFI
 2007-2009 Renegade 800 EFI X

Part Number	Description
BA-110N	Starter

BA-111

Starter
12 Volt, PMDD
Used On: Can Am (Bombardier) ATV
Fits:
2003-2004 ATV Rally 175
Replaces:
Lester: 18813
Bombardier: 420-296-390, 711-296-390, 296-390
Denso: 228000-8820

Part Number	Description
BA-111	Starter

BA-112

Starter
12 Volt, PMDD
For: Can Am ATV
Fits:
2005-2007 ATV Rally 200
Replaces:
Lester: 18818
Bombardier: A31200-179-00

Part Number	Description
BA-112	Starter

BA-113N



Starter-Bombardier (New)
12 Volt, CW, 9-Splines
Used On: Bombardier ATV
Replaces:
Lester: 18819
Bombardier: 420-296-125, 711-296-120, 711-296-125
 1999-2001 TRAXTER 500
 2004-2005 TRAXTER 500 5-SPEED
 2001-2003 TRAXTER 500 AUTOSHIFT
 2002-2003 TRAXTER 500 AUTOSHIFT XT
 2001-2001 TRAXTER 500 FOOT SHIFT
 2003-2005 TRAXTER MAX 500
 2004-2005 TRAXTER MAX XT 500
 2004-2005 TRAXTER XL 500

Part Number	Description
BA-113N	Starter

China Made ATV

Starters

18563N



Starter-ATV
12 Volt, CW, 9-Spline
For: Polaris ATV & ATVs & Scooters Built In China
Used On Polaris:
2005-2006 Phoenix 200 (196cc) And Other 200cc Engines

Part Number	Description
18563N	Starter

China Made ATV

Starters

19576N



Starter-ATV
12 Volt, CCW, 12-Spline
For: China Built ATV's
Used On: 50cc Engines

Part Number	Description
19576N	Starter

19579N



Starter-ATV
12 Volt, CCW, 10-Spline
For: China Built ATV's
Used On: 80cc Engines

Part Number	Description
19579N	Starter

19583N



Starter-ATV
12 Volt, CW, 9-Spline
For: China Built ATV's
Used On: 150cc Engines

Part Number	Description
19583N	Starter

19594N



Starter-ATV
12 Volt, CCW, 14-Tooth
For: China Built ATVs &
Scooters
Used On: 150cc Engines

Part Number	Description
19594N	Starter

199-060N



Starter
For: China Made ATVs &
Scooters
12 Volt, 9-Spline, CCW
Used On 250cc Engines

Part Number	Description
199-060N	Starter

199-061N



Starter
For: China Made ATVs &
Scooters
12 Volt, 9-Spline, CW
Used On 250cc Engines

Part Number	Description
199-061N	Starter

China Made ATV

Starters

199-062N



Starter
For: China Made ATVs & Scooters
12 Volt, 9-Spline, CW
Used On 250cc Engines

Part Number	Description
199-062N	Starter

199-070N



Starter
For: China Made ATVs & Scooters
12 Volt, 9-Spline

Part Number	Description
199-070N	Starter

199-071N



Starter
For: China Made ATVs & Scooters
12 Volt, 9-Spline

Part Number	Description
199-071N	Starter

199-072N



Starter
For: China Made ATVs & Scooters
12 Volt, 9-Spline

Part Number	Description
199-072N	Starter

199-073N



Starter
For: China Made ATVs & Scooters
12 Volt, 9-Spline

Part Number	Description
199-073N	Starter

199-074N



Starter
For: China Made ATV Units
12 Volt, CCW, 12-Teeth

Part Number	Description
199-074N	Starter

199-077N



Starter
For: China Made ATVs & Scooters
12 Volt, 9-Spline

Part Number	Description
199-077N	Starter

199-085N



Starter
For: China Made ATVs & Scooters
12 Volt, 9-Spline

Part Number	Description
199-085N	Starter

China Made ATV

Starters

199-086N



Starter
For: China Made ATVs & Scooters
12 Volt, 9-Spline

Part Number	Description
199-086N	Starter

199-089N



Starter
For: China Made ATVs & Scooters
12 Volt, 9-Spline, CW

Part Number	Description
199-089N	Starter

CH-103N



Starter-New
12 Volt, CW, 9-Spline
For:
China Made ATVs Scooters
Built In China.

Part Number	Description
CH-103N	Starter

CH-104N



Starter New
12 Volt, CCW, 12-Teeth
For China Made ATV's & Scooters

Part Number	Description
CH-104N	Starter

CH-105N



Starter New
12 Volt, CCW, 9-Spline
For China Made ATV's & Scooters

Part Number	Description
CH-105N	Starter

CH-106N



Starter-New
12 Volt, CCW, 9-Spline
Used On China Built ATV ' & Scooters,
90cc Engines,
Racing Go Carts W/Rotax Engines

Part Number	Description
CH-106N	Starter

CH-107N



Starter-New
12-Volt, CW, 9-Spline
For ATV's & Scooters
Built In China

Part Number	Description
CH-107N	Starter

CH-108N



Starter- New
12 Volt, CCW, 12-Teeth
For Atv's & Scooters
Built In China

Part Number	Description
CH-108N	Starter

China Made ATV

Starters

CH-109N



Starter - New
12 Volt, CCW, 10-Spline
Fits:
China Built ATV's & Scooters
Used on 90cc Engines
Replaces Lester: 19587

Part Number	Description
CH-109N	Starter

CH-110N



Starter- New
12 Volt, CCW, 9-Spline
For ATV'S & Scooters
Built In China
Replaces:
Lester: 19629

Part Number	Description
CH-110N	Starter

CH-111N



Starter- New
12 Volt, CCW, 9-Spline
For Atv's & Scooters
Built In China

Part Number	Description
CH-111N	Starter

Chrysler

Starters

49-0010



Starter-United Technologys
12 Volt, 9-Tooth, CCW
Used On: Chrysler, Mercury
& US Marine 70-150 HP Engines
Replaces: Chrysler 480955,616955
Mercury: 50-616955-1
Prestolite: MGL4002, MGL4013,
MGL4014,MKW4005
US Marine: 61-6955

Part Number	Description
49-0010	STARTER

49-0082



Starter-United Technology
12 Volt, 10-Tooth, CCW
Used On: Chrysler And Force
20-35 HP Engines
Replaces: Chrysler 51-4955
Mercury: 50-514955
Prestolite: MDO4108
UT# 1149540

Part Number	Description
49-0082	STARTER ASB

Crusader Marine

Starters

3129N



Starter-New
12 Volt, CW 9-Tooth
Replaces:
API Marine: 10032, ST-32
Arco: 70106
For:
Crusader Marine Inboard &
Sterndrive
Various Models Ford Engines
For Marine Engines Various
Models

Part Number	Description
3129N	Starter

Crusader Marine

Starters

3144N



New Starter
For Ford Marine
12 Volt, CCW, 9-Tooth
Used On: Crusader, And Other
Marine Applications Equipped
With
Ford Engines

Part Number	Description
3144N	Starter
3144N	Starter

3159N



Starter-New
12 Volts, CW, 9-Tooth
Replaces:
API Marine: 10033, ST33
Arco: 70112
For: Crusader Marine Inboard &
Sterndrive Various Engines
Ford Marine Various Model
Engines

Part Number	Description
3159N	Starter

3183N



Starter-New
12 Volt, CW , 9-Tooth
For: Marine Applications
Replaces:
API Marine: 10040, ST40
Arco Marine: 70116
For:
Crusader Marine Various Engines
For Marine Various Engines
OMC Marine 2.3L Ford 1987-1990

Part Number	Description
3183N	Starter

3199N



Starter-New
For: Marine Applications
12 Volt, CW, 9-Tooth
Replaces:
API Marine: 10041, ST41
Arco: 70114
Used On:
Crusader Marine Inboard &
Sterndrive
Ford Marine Engines

Part Number	Description
3199N	Starter
6440N	



New Starter
10MT, 12 Volt, CW, 9-Tooth
High Torq Starter
For Marine Applications
Note: Does Have Center Support
Replaces:
Delco: 1108525, 1109484
Mercury Marine: 50-65785A1,
50-79604A, 50-79604A
OMC: 980821
Used On:
Crusader, Mercruiser, OMC,
Pleasurecraft, Thermo Electron
Marine Engines

Part Number	Description
6440N	Starter-Marine

Cub Cadet

Starters

2-2022-DR



Starter-Delco Version
12-Volt, CCW, 10-Teeth
Fits: Cub Cadet UTV
Used On:
 2005-2006 Big Country 4X2 Kohler 18HP
 2006-2006 Big Country 4X4 Kohler 20HP
 2005-2006 Big Country 6X4 Kohler 20HP
 2005-2006 Big Country 6X4 Fire & Rescue Kohler 20HP
 2008-2008 Volunteer 4X2 FIS Kohler 18HP
 2008-2008 Volunteer 4X4 Kohler 20HP
 2008-2008 Volunteer 4X4 EFI Kohler 31HP
Replaces:
 Delco: 10455513
 Denso: 128000-7480, 22800-2640
 Kohler: 2409801,2409803,2509808, 2509809
 John Deere: AM108390
 Lester: 6744
 For Denso Version Use: 49-7480
Repair Parts:
 Drive: 60-1076
 Solenoid: 31-8975

Part Number	Description
2-2022-DR	Starter

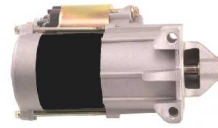
49-7401



Starter - New
12 Volt, CCW, 10-Teeth
Briggs & Stratton Starter
Used In: Cub Cadet UTV
Replaces:
 Lester: 5746
 Cub Cadet: 399169
 Briggs & Stratton: 497401
Fits: 1996 Cub Cadet UTV 4016
W/Briggs & Stratton Engine

Part Number	Description
49-7401	Starter

49-7850



Starter-Denso
12 Volt, CCW, 12-Teeth
Fits: Cub Cadet UTV
Used On:
 2003-2004 Big Country 4X2
 2002-2004 Big Country 6X4
 2002-2004 Big Country 6X4 Fire & Rescue
With Honda Engine
Replaces:
 Lester: 18985
 Cub Cadet: 31200-ZJ1-841
 Denso: 228000-7850, 228000-7851,
 9722809-785
Repair Parts:
 Repair Kit: RBK-48
 Brush Set: B-15

Part Number	Description
49-7850	Starter

CA-101



Starter-PMGR
12 Volt, CW, 9-Teeth
Used In: Cub Cadet UTV
Replaces:
 Lester: 19615
 Cub Cadet: YA-119717-77010
 Denso: 428000-1590
 Yanmar: 119717-77010
Fits:
 2008 Volunteer Diesel
 W/ Yanmar 21.9HP Diesel

Part Number	Description
CA-101	Starter

Cub Cadet

Starters

KA-110N



Starter-Denso (New)
12 Volt, CW, 9-Teeth
For: Cub Cadet UTV
Fits:
2003-2005 Big Country 4X2
9.5HP
Replaces:
Lester: 18450
Denso: 128000-9980
Kawasaki# 21163-2109
4 Brush Denso
Repair Kit: RBK-48
Brush Set: B-15
Brush Holder: 028514-5020

Part Number	Description
KA-110N	Starter

Daihatsu

Alternator

12530N



Alternator-Denso
12 Volt, 45 Amps
Used On:
Briggs & Stratton
Daihatsu Engines
Replaces:
Briggs & Stratton: 825084
Denso: 100211-4620, 100211-4621
100211-4630 , 100211-4631
Daihatsu: 27060-87211, 27060-87212

Part Number	Description
12530N	Alternator

Starters

BS-111N



New Starter
12 Volt, CW, 9-Tooth
For: Daihatsu Diesel Engines
Briggs & Stratton
Replaces:
Denso: 228000-4620
Daihatsu: 28100-87803
Briggs & Stratton: 825095

Part Number	Description
BS-111N	Starter

BS-113N

Starter-New
12 Volt, CW, 9-Tooth
For: Briggs & Stratton &
Daihatsu
Fits:

Briggs & Stratton Models:
432447, 58A447, 580447,
522447, 582447, 588447
Replaces:
Lester: 18630A
Briggs & Stratton: 825700
Daihatsu: 28100-B8010
Denso: 428000-3170
Note: Both Mounting Ears Threaded

Part Number	Description
BS-113N	Starter

Delco

Alternators

8902N



Alternator-Delco Conversion
12 Volt, 78 Amps
Conversion Unit Used To Replace
Valeo Units On Marine
Applications
Replaces:
Lester: 8902
API Marine: 20020-DR
Arco: 80108
Valeo: 518039, 2100606,
A13N147N

Part Number	Description
8902N	Alternator

Delco

Alternators

8903N



Alternator-Delco Conversion
12 Volts, 78 Amps
Used To Replace Prestolite
Alternators
In Marine Applications
1-Wire Hookup
Replaces:
Lester: 8903
Arco: 40112

Part Number	Description
8903N	Alternator
8904N	



Alternator- Delco Conversion
12 Volts, 78 Amps
Conversion Used To Replace
Motorola Units
1-Wire Hookup
Replaces:
Lester: 8904
Api Marine: 20091
Arco: 20500

Part Number	Description
8904N	Alternator
Str/Gen	
340-40N	



Starter/Generator - Delco
12 Volt, 15 Amp, CCW
For: IHC Cub Cadet Garden
Tractors
Replaces: 1101692,1107967,
1101996,1101997

Part Number	Description
340-40N	OFFSET EAR/ST/GE

340-41N



Starter/Generator - Delco
12 Volt, 15 Amp, CCW
For: IHC Cub Cadet Garden
Tractors
Replaces: 1101998

Part Number	Description
340-41N	NEW STR/GEN CCW
340-44N	



Starter/Generator - Delco
12 Volt, 15 Amp, CW
For: Case Tractors,Cushman,
Cub Cadet,Jacobden Tractors,
Massey Ferguson
Replaces: 1101432,1101864,
1101970,1101980,1101992

Part Number	Description
340-44N	NEW STR/GEN

Ducati

Starters

DS-101N



Starter-New
12 Volt, CCW, 13-Teeth
Fits: Ducati With 851 Engines
Replaces:
Denso: 128000-6050
Ducati: 270.4001.1A
Repair Parts:
Repair Kit: RBK-69
Brush Holder Assy: ND-L
Brushes Only: B-4

Part Number	Description
DS-101N	Starter

Evinrude

Alternators

7320N



Alternator-New
12 Volt, 42 Amps
For: Marine Application
Fits:
1968-1976 Evinrude Engines
1975-1982 Johnson Engines
1966-1974 OMC Engines
Replaces:
Prestolite: 51-271, ALK6210,
ALK6210A,
ALK6222, ALK6222A,
ALK6222AY, ALK6222AYS,
ALK6222Y
Arco: 40152

Part Number	Description
7320N	Alternator

Starters

49-0036



**Starter-Evinrude, Johnson,
& OMC, UT**
12 Volt, CCW, 9-Teeth
Replaces:
OMC: 583473, 585059
UT: 5071240, 5704940

Part Number	Description
49-0036	Starter

49-0066



**Starter-Evinrude, Johnson &
OMC**
12 Volt, CCW, 10-Teeth
Used On: 120-140HP Engines
Replaces:
OMC: 393570, 585060
UT: 4730920, 4730940, 5705040

Part Number	Description
49-0066	Starter

49-0078



Starter-Evinrude & OMC/UT
12 Volt, CCW, 9-Teeth
Used On: 25-50HP Engines
Replaces:
OMC: 583482, 585056
UT: 5059240, 5704640

Part Number	Description
49-0078	Starter

49-0125



Starter New
12 Volt, CCW, 10-Tooth
Fits:
Evinrude/ Johnson 9.9 - 15HP
1994-Up
Motor Housing Length 4.048
Replaces
Arco Marine: 5361
Lester: 5779
OMC: 584613, 586274
United Tech: 5659240-MO20SM

Part Number	Description
49-0125	Starter

Ford

Starters

49-0087



Starter-Ford Industrial/UT
12 Volt, CW, 10-Teeth
Used On: Ford Industrial Engines
Replaces:
Ford: E6JL-11001-AA
UT: 4889440

Part Number	Description
49-0087	Starter

Ford Marine

Starters

3129N



Starter-New
12 Volt, CW 9-Tooth
Replaces:
API Marine: 10032, ST-32
Arco: 70106
For:
Crusader Marine Inboard & Sterndrive
Various Models Ford Engines
For Marine Engines Various Models

Part Number	Description
3129N	Starter

3141N



Starter-Ford Marine
12 Volt, CCW, 9-Tooth
Note: Top Mounting Hole Threaded
On D.E Housing
Used On: Mercruiser And Cobra Equipped With Ford Engines

Part Number	Description
3141N	Starter

3144N



New Starter
For Ford Marine
12 Volt, CCW, 9-Tooth
Used On: Crusader, And Other Marine Applications Equipped With Ford Engines

Part Number	Description
3144N	Starter

3159N



Starter-New
12 Volts, CW, 9-Tooth
Replaces:
API Marine: 10033, ST33
Arco: 70112
For: Crusader Marine Inboard & Sterndrive Various Engines
Ford Marine Various Model Engines

Part Number	Description
3159N	Starter

3183N



Starter-New
12 Volt, CW, 9-Tooth
For: Marine Applications
Replaces:
API Marine: 10040, ST40
Arco Marine: 70116
For:
Crusader Marine Various Engines
For Marine Various Engines
OMC Marine 2.3L Ford 1987-1990

Part Number	Description
3183N	Starter

3199N



Starter-New
For: Marine Applications
12 Volt, CW, 9-Tooth
Replaces:
API Marine: 10041, ST41
Arco: 70114
Used On:
Crusader Marine Inboard & Sterndrive
Ford Marine Engines

Part Number	Description
3199N	Starter

Generac

Starters

GE-101N



Starter-Generac
12 Volt, CCW, 10-Tooth
Used On: GN191, -230, -320,
-410 Engines
Replaces:
Generac
OD9004A, OD9004B
OE06601, OE0601SRV,
E0601, D9004A, D9004B

Part Number	Description
GE-101N	Starter

GE102N



Starter-Generac
12 Volt, CCW, 10-Tooth
Used On: GN190, -191, -230,
-320, 360
Replaces:
Generac
021544, OA7692,
OD9230, OD92300ESV,
OD92300SRV, 21544, 87266,
A7692, D9230

Part Number	Description
GE-102N	Starter

GE-103N



Starter-Generac
12 Volt, CW, 9-Teeth
Used On: Generator Sets
W/Fiat Or Mitsubishi Engines
Replaces:
Generac: 020692

Part Number	Description
GE-103N	Starter

Hannay

Motors

9915.0003



Motor-Hannay
SX-001 12V DC Flanged
1/2 HP 650 RPM
Note: OE Unit
9915-0003

Part Number	Description
9915.0003	Reel Motor

9915.0009



Motor-Hannay
SX-043 12V DC Flanged
2/3 HP 500 RPM
Note: OE Unit
9915-0009

Part Number	Description
9915.0009	Reel Motor

9915.0012



Motor-Hannay
SX-139 12V DC Base Mount
2/3 HP 500 RPM
Leads At 9 o'clock
Note: OE Unit
9915-0012

Part Number	Description
9915.0012	Reel Motor

9915.0013



Motor-Hannay
SX-102 12V DC Base Mount
1/2 HP 650 RPM
Note: OE Unit
9915-0013

Part Number	Description
9915.0013	Reel Motor

Hannay

Motors

9915.0014



**Motor-Hannay
SX-103 12V DC Base Mount
2/3 HP 500 RPM
Leads At 3 o'clock
Note: OE Unit
9915-0014**

Part Number	Description
9915.0014	Reel Motor

9915.0040



**Motor-Hannay
AN-239 12V DC Face Mount
1/5 HP 400 RPM
Note: OE Unit
9915-0040**

Part Number	Description
9915.0040	Reel Motor

9915.0042



**Motor-Hannay
AN-227 12V DC Face Mount
1/3 HP 650 RPM
Note: OE Unit
9915-0042**

Part Number	Description
9915.0042	Reel Motor

9915.0113



**Motor-Hannay
SX-123 24V DC Dual Mount
1/2 HP 650 RPM
Note: OE Unit
9915-0113**

Part Number	Description
9915.0113	Reel Motor

9915.0173



**Motor-Hannay
AN-248 24V DC Dual Mount
1/3 HP 650 RPM
Note: OE Unit
9915-0173**

Part Number	Description
9915.0173	Reel Motor

9915.0233



**Motor-Hannay
SX-105 115V AC Dual Mount
1/2 HP 650 RPM
Note: OE Unit
9915-0233**

Part Number	Description
9915.0233	Reel Motor

9915.0272



**Motor-Hannay
AN-334 115V AC Face Mount
1/3 HP 650 RPM
Note: OE Unit
9915-0272**

Part Number	Description
9915.0272	Reel Motor

9915.0283



**Motor-Hannay
SX-038 12V DC Flanged, Drains
1/2 HP 650 RPM
Note: OE Unit
9915-0283**

Part Number	Description
9915.0283	Reel Motor

Harley

Generators

49-9700



Generator-Harley
12 Volt
For: 1965-1981 Harley Davidson
Replaces: 29975-65B
Note:Black Finish

Part Number	Description
49-9700	GENERATOR BLACK
49-9701	



Generator-Harley
12 Volt
For: 1965-1981 Harley Davidson
Replaces: 29975-65C
Note:Chrome Finish

Part Number	Description
49-9701	CHROME GENERATOR

Starters

028000-7300



Starter-Harley
OE Denso
12 Volt, CW, 1.0KW
Replaces: Harley 31505-81
Denso: 028000-7300, 028000-7301

Part Number	Description
028000-7300	Starter-OE

18905N



Starter-Harley Davidson (Black)
12 Volt, CW, 10-Teeth, 1.4kw

For Chrome Unit Use: 18905N

Replaces:

Lester: 18905

Harley 31619-06, 31621-06

Fits:

- 2007 FLHR ROAD KING 1584CC
- 2007 FLHRC ROAD KING CLASSIC 1584CC
- 2007 FLHRS ROAD KING CUSTOM 1584CC
- 2007 FLHT ELECTRA GLIDE 1584CC
- 2007 FLHTC ELECTRA GLIDE CLSC 1584CC
- 2007 FLHTCU FIREFIGHTER SPL ED. 1584CC
- 2007 FLHTCU POLICE SPECIAL EDITION 1584CC
- 2007 FLHX STREET GLIDE 1584CC
- 2007 FLSTC FIREFIGHTER SPL EDITION 1584CC
- 2007 FLSTC HERITAGE SOFTAIL CLSC 1584CC
- 2007 FLSTC POLICE SPECIAL EDITION 1584CC
- 2007 FLSTF FAT BOY 1584CC
- 2007 FLSTN SOFTAIL DELUXE 1584CC
- 2007 FLTSC HERITAGE SOFT SPR. CLSC 1584CC
- 2007 FLTR ROAD GLIDE 1584CC
- 2007 FXD DYNA SUPER GLIDE 1584CC
- 2007 FXDBI DYNA STREET BOB 1584CC
- 2007 FXDC DYNA SUPER GLIDE CUSTOM 1584CC
- 2007 FXDL DYNA LOW RIDER 1584CC
- 2007 FXDWG DYNA WIDE GLIDE 1584CC
- 2007 FXST SOFTAIL STANDARD 1584CC
- 2007 FXSTB SOFTAIL NIGHT TRAIN 1584CC
- 2007 FXSTC SOFTAIL CUSTOM 1584CC
- 2007 FXSTD SOFTAIL DUECE 1584CC
- 2007 FXSTS SPRINGER SOFTAIL 1584CC

Part Number	Description
18905N	Starter

Harley

Starters

18905N-CHR



Starter-Harley Davidson (Chrome)
12 Volt, CW, 10-Teeth, 1.4kw
For Application See: 18905N
for Black Unit Use: 18905N
Replaces:
Harley 31619-06, 31621-06
Lester: 18905C

Part Number	Description
18905N-CHR	Starter

2-1766-HD



Starter-Harley Davidson (Black)
12 Volt, CCW, 10-Tooth Pinion
Fits:

1941-1976 FL SERIES (PRE 1977) ALL
 1975-1980 FLH ELECTRA GLIDE 1200CC
 1979-1982 FLH ELECTRA GLIDE 1340CC
 1978-1978 FLH ELECTRA GLIDE ANNIV.
 1200CC
 1977-1977 FLH ELECTRA GLIDE CLASSIC
 1200CC
 1979-1980 FLH ELECTRA GLIDE CLASSIC
 1340CC
 1981-1981 FLHC ELECTRA GLIDE
 CLASSIC 1340CC
 1982-1982 FLHF SPORT GLIDE II 1340CC
 1977-1977 FLHS SPORT GLIDE 1200CC
 1980-1982 FLHS SPORT GLIDE 1340CC
 1983-1983 FLT TOUR GLIDE 1340CC
 1980-1982 FLT TOUR GLIDE 1340CC
 1981-1981 FLTC TOUR GLIDE CLASSIC
 1340CC
 1983-1983 FXR SUPER GLIDE II 1340CC
 1982-1982 FXR SUPER GLIDE II 1340CC
 1982-1983 FXRS SUPER GLIDE II 1340CC
 1975-1978 XLCH SPORTSTER 1000CC
 1977-1978 XLCR CAFE RACER 1000CC
 1981-1985 XLH SPORTSTER 1000CC
 1975-1980 XLH SPORTSTER 1000CC
 1978-1978 XLH SPORTSTER ANNIV.
 1000CC
 1977-1977 XLH TOURING 1000CC
 1982-1982 XLHA SPORTSTER ANNIV.
 1000CC
 1982-1982 XLHA SPORTSTER ANNIV.
 1000CC
 1981-1985 XLS ROADSTER 1000CC
 1979-1980 XLS ROADSTER 1000CC
 1982-1982 XLSA ROADSTER ANNIV.
 1000CC
 1983-1985 XLX-61 1000CC
 1983-1984 XR1000 1000CC

Replaces:
Harley: 31458-66A, 31458-66B
31458-66TA
Lester: 5780
Prestolite: MGL4004
Note:Black Finish

For Chrome Unit Use: 2-1766-HD-1

Part Number	Description
2-1766-HD	Starter

Harley

Starters

2-1766-HD-1



Starter-Harley Davidson (Chrome)
12 Volt, CCW, 10-Tooth Pinion
For Application See: 2-1766-HD
Replaces:
Harley: 31458-66A, 31458-66B
31458-66TA
Lester: 5780
Prestolite: MGL4004
Note: Chrome Finish
For Black Unit Use: 2-1766-HD

Part Number	Description
2-1766-HD-1	Starter

Harley

Starters

2-1767-HD



Starter-Harley (Black)
12 Volt, CCW, 10-Teeth
Replaces: 18300
Harley: 31570-73, 31570-73B,
31570-73T
Hitachi: S108-41
Lester:
Used On:
 1983-1984 FLH Electra Glide 1340cc
 1984-1984 FLH Electra Glide Special 1340cc
 1982-1982 FLHC Electra Glide Classic 1340cc
 1984-1984 FLHS 1340cc
 1987-1988 FLHS Electra Glide Sport 1340cc
 1983-1983 FLHS Super Glide 1340cc
 1983-1987 FLHT Electra Glide 1340cc
 1983-1983 FLHT Electra Glide Classic 1340cc
 1984-1988 FLHTC Electra Glide 1340cc
 1984-1984 FLHTC Electra Glide Classic 1340cc
 1986-1986 FLHTC Liberty 1340cc
 1983-1983 FLHTC Tour Glide Classic 1340cc
 1985-1988 FLHTP Police 1340cc
 1984-1984 FLHX 1340cc
 1986-1986 FLST 1340cc
 1987-1988 FLST Heritage Softail 1340cc
 1988-1988 FLSTC 1340cc
 1983-1983 FLT Tour Glide 1340cc
 1984-1987 FLTC Tour Glide 1340cc
 1982-1988 FLTC Tour Glide Classic 1340cc
 1975-1978 FX Super Glide 1200cc
 1980-1982 FXB Sturgis 1340cc
 1983-1983 FXDG Disc Glide 1340cc
 1975-1980 FXE Super Glide 1200cc
 1981-1984 FXE Super Glide 1340cc
 1979-1979 FXEF Fat Bob 1200cc
 1979-1981 FXEF Fat Bob 1340cc
 1984-1985 FXEF Super Glide Fat Bob 1340cc
 1987-1988 FXLR Low Rider Custom 1340cc
 1987-1988 FXR Super Glide 1340cc
 1983-1986 FXR Super Glide II 1340cc
 1985-1987 FXRC Low Glide Custom 1340cc
 1986-1986 FXRD GT 1340cc
 1984-1984 FXRDG 1340cc
 1985-1988 FXRP Police 1340cc
 1984-1988 FXRS Low Rider 1340cc
 1986-1986 FXRS Low Rider Liberty 1340cc
 1986-1988 FXRS Low Rider Sport 1340cc
 1982-1983 FXRS Super Glide II 1340cc
 1983-1988 FXRT Sport Glide 1340cc

1979-1982 FXS Low Rider 1340cc
 1977-1978 FXS Low Rider 1200cc
 1983-1985 FXSB Low Rider 1340cc
 1984-1988 FXST Softail 1340cc
 1986-1987 FXSTC Softail Custom 1340cc
 1988-1988 FXSTS Springer Softail 1340cc
 1980-1986 FXWG Wide Glide 1340cc
 Note: Black Finish
For Chrome Finish Use: 2-1767-HD-1

Part Number	Description
2-1767-HD	Starter

2-1767-HD-1



Starter-Harley (Chrome)
 12 Volt, CCW, 10-Teeth
 Replaces:
 Lester: 18300C
 Harley: 31570-73, 31570-73B,
 31570-73T
 Hitachi: S108-41
For Black Finish Use: 2-1767-HD
For Applications See: 2-1767-HD

Part Number	Description
2-1767-HD-1	Starter-Chrome

Harley

Starters

S5010-NB



Starter-Harley (Black) 2.0KW
 12 Volt, CW, 18-Spline, 2.0 KW Hi
 Torque
 Note: Black Finish
 10-32 Output Hole Shaft
 Replaces:
 Lester: 18446
 Harley: 31558-94
For Chrome 1.2kw Use: S8005-NC
For Black 1.2kw Use: S8005-NB
For Chrome 2.0kw Use : S5010-NC
For Chrome 1.8kw Use: S8007-NC
 Used On 1989-ON Harley
 Davidson Big Twin
 Using The 1340CC Engine
 *2.0KW Starters Can Not Be
 Used 1989-
 Present FLT Models With The Oil
 Tank Under
 The Transmission. On SOFT-TAIL,
 DYNA, And
 FXR Models Wiring And
 Relocating Of Oil Lines
 Is Required

Part Number	Description
S5010-NB	Starter

S5010-NC



**Starter-Harley (Chrome) 2.0KW
12 Volt, CW, 18-Spline, 2.0 KW Hi
Torque**

**Note:Chrome Finish
10-32 Output Hole Shaft
Replaces:**

**Lester: 18446C
Harley: 31558-94**

**For Chrome 1.2kw Use: S8005-
NC**

For Black 1.2kw Use: S8005-NB

**For Chrome 1.8kw Use: S8007-
NC**

**Used On 1989-ON Harley
Davidson Big Twin
Using The 1340CC Engine
*2.0KW Starters Can Not Be
Used 1989-
Present FLT Models With The Oil
Tank Under
The Transmission. On SOFT-TAIL,
DYNA, And
FXR Models Wiring And
Relocating Of Oil Lines
Is Required**

Part Number	Description
S5010-NC	2.0KW HARLEY STR

S5011-NC



**Starter-Harley Davidson, Denso
12 Volt, CW, 2.0 KW Hi Torque
For: 1989-1993 Harley Davidson**

**Note: Unit Comes With Heavy
Duty
Drive Clutch Installed Part # HD-
1**

**Note:Chrome Finish
1/4-20 Hole Output Shaft**

**For Black 1.2kw Unit Use: S8004-
NB**

**For Chrome 1.2kw Unit Use:
S8004-NC**

Part Number	Description
S5011-NC	NEW 2.0KW CH STR

Harley

Starters

S5040-NC



**Starter- Harley Chrome
12 Volt, CW, 2.4KW
High Torque Unit
Replaces:
Lester: 18907C**

Part Number	Description
S5040-NC	Starter

S8004-NB



Starter- Harley, Black Finish
12 Volt, CW, 18-Splines, 1.2KW
1/4-20 Threaded Hole Output Shaft

Replaces:

Lester: 17629

Harley: 31553-90, 31558-90

Used On:

1991-1993 FLHS ELECTRA GLIDE SPORT
1340CC

1991-1993 FLHTC CLASSIC 1340CC

1993-1993 FLHTC CLASSIC ANNIV.
1340CC

1993-1993 FLHTCU ULTRA ANNIV.
1340CC

1991-1993 FLHTCU ULTRA CLASIC
1340CC

1991-1993 FLSTC HERITAGE SOFTAIL
CLASSIC 1340CC

1991-1993 FLSTF FAT BOY 1340CC

1993-1993 FLSTN HERITAGE NOSTALGIA
1340CC

1991-1991 FLTC TOUR GLIDE CLASSIC
1340CC

1991-1991 FLTCU ULTRA 1340CC

1993-1993 FLTCU ULTRA TOUR GLIDE
ANNIV. 1340CC

1992-1993 FLTCU ULTRA TOUR GLIDE
CLASSIC 1340CC

1992-1992 FXDB DYNA DAYTONA 1340CC

1991-1991 FXDB DYNA STURGIS 1340CC

1992-1992 FXDC DYNA CUSTOM 1340CC

1993-1993 FXDL DYNA LOW RIDER
1340CC

1993-1993 FXDWG DYNA WIDE GLIDE
1340CC

1993-1993 FXDWG DYNA WIDE GLIDE
ANNIV. 1340CC

1991-1993 FXLR LOW RIDER CUSTOM
1340CC

1993-1993 FXLR LOW RIDER CUSTOM
ANNIV. 1340CC

1991-1993 FXR SUPER GLIDE 1340CC

1991-1993 FXRS CONV. LR 1340CC

1991-1992 FXRS LOW RIDER 1340CC

1991-1993 FXRS-SP LOW RIDER SPORT
1340CC

1991-1992 FXRT SPORT GLIDE 1340CC

1991-1993 FXSTC SOFTAIL CUSTOM
1340CC

1991-1993 FXSTS SPRINGER SOFTAIL
1340CC

1991-1993 FXSTS SPRINGER SOFTAIL
1340CC

1991-1993 FXSTS SPRINGER SOFTAIL
1340CC

1991-1993 FXSTS SPRINGER SOFTAIL
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1991-1993 FXSTS SPRINGER SOFTAIL
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1991-1993 FXSTS SPRINGER SOFTAIL
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1991-1993 FXSTS SPRINGER SOFTAIL
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1991-1993 FXSTS SPRINGER SOFTAIL
1340CC

1991-1993 FXSTS SPRINGER SOFTAIL
1340CC

1991-1993 FXSTS SPRINGER SOFTAIL
1340CC

Note: Black Finish

For Chrome Finish Use: S8004-NC

Part Number	Description
S8004-NB	Starter

Harley

Starters

S8004-NC



Starter- Harley, Chrome Finish
12 Volt, CW, 18-Splines, 1.2KW
1/4-20 Threaded Hole In Shaft

Replaces:

Lester: 17629C

Harley: 31553-90, 31558-90

Note: Chrome Finish

For Black Finish Use: S8004-NB

For Application See: S8004-NB

Part Number	Description
S8004-NC	Starter

Harley

Starters

S8005-NB



Starter-Harley (Black)
12 Volt, CW, 18-Splines, 1.2 KW
10-32 Threaded Hole In Shaft
Replaces:
Lester: 18199
Denso: 228000-2550, -2551, -2552
Harley: 31553-94 , 31553-99A
USED ON:
1994-1995 FLHR ELECTRA ROAD KING 1340CC
1996-1998 FLHR ROAD KING 1340CC
1999-2006 FLHR ROAD KING 1450CC
1998-1998 FLHRCI ROAD KING CLASSIC 1340CC
1999-2006 FLHRCI ROAD KING CLASSIC 1450CC
1998-1998 FLHRCI ROAD KING CLASSIC ANNIV. 1340CC
2002-2006 FLHRI FIREFIGHTER SPL EDITION 1450CC
2002-2006 FLHRI POLICE SPECIAL EDITION 1450CC
1996-1997 FLHRI ROAD KING 1340CC
2000-2006 FLHRI ROAD KING 1450CC
2004-2006 FLHRS ROAD KING CUSTOM 1450CC
2002-2002 FLHRSEI SCREAMIN' EAGLE 1550CC
2004-2006 FLHRSI ROAD KING CUSTOM 1450CC
1995-1998 FLHT ELECTRA GLIDE 1340CC
1999-2006 FLHT ELECTRA GLIDE 1450CC
2003-2005 FLHT1 ELECTRA GLIDE 1450CC
1994-1998 FLHTC CLASSIC 1340CC
1999-1999 FLHTC CLASSIC 1450CC
2000-2006 FLHTC ELECTRA GLIDE CLASSIC 1450CC
1996-1998 FLHTCI CLASSIC 1340CC
1999-1999 FLHTCI CLASSIC 1450CC
2000-2006 FLHTCI ELECTRA GLIDE CLASSIC 1450CC
1998-1998 FLHTCI ELECTRA GLIDE CLC ANNIV. 1340CC
2002-2005 FLHTCI FIREFIGHTER SPL EDITION 1450CC
2002-2005 FLHTCI POLICE SPECIAL EDITION 1450CC
1994-1997 FLHTCU ULTRA CLASIC 1340CC
1995-1995 FLHTCU-I ANNIV. 1340CC
2002-2006 FLHTCUI FIREFIGHTER SPL EDITION 1450CC
2002-2006 FLHTCUI POLICE SPECIAL EDITION 1450CC
1995-1998 FLHTCUI ULTRA CLASIC 1340CC
1998-1998 FLHTCUI ULTRA CLASIC ANNIV. 1340CC
1999-2006 FLHTCUI ULTRA CLASSIC 1450CC

2006-2006 FLHX STREET GLIDE 1450CC
1994-1999 FLSTC HERITAGE SOFTAIL CLASSIC 1340CC
2000-2006 FLSTC HERITAGE SOFTAIL CLASSIC 1450CC
2005-2006 FLSTCI FIREFIGHTER SPL EDITION 1450CC
2001-2002 FLSTCI HERITAGE SOFTAIL CLASSIC 1450CC
2005-2006 FLSTCI POLICE SPECIAL EDITION 1450CC
1994-1999 FLSTF FAT BOY 1340CC
1998-1998 FLSTF FAT BOY ANNIV. 1340CC
2000-2006 FLSTF FAT BOY SOFTAIL 1450CC
2001-2002 FLSTFI FAT BOY SOFTAIL 1450CC
2005-2006 FLSTFI FIREFIGHTER SPL EDITION 1450CC
2005-2006 FLSTFI POLICE SPECIAL EDITION 1450CC
1994-1996 FLSTN HERITAGE SOFTAIL SPECIAL 1340CC
2005-2006 FLSTN SOFTAIL DELUXE 1450CC
1998-1998 FLSTS HERITAGE SOFT SPR. ANNIV. 1340CC
1997-1999 FLSTS HERITAGE SOFTAIL SPRINGER 1340CC
2000-2003 FLSTS HERITAGE SOFTAIL SPRINGER 1450CC
2005-2006 FLSTSC HERITAGE SOFT SPR. CL. 1450CC
2001-2002 FLSTSI HERITAGE SOFT SPRINGER 1450CC
1994-1995 FLTCU ULTRA TOUR GLIDE CLASSIC 1340CC
1996-1996 FLTCUI ULTRA TOUR GLIDE CLASSIC 1340CC
1998-1998 FLTR ROAD GLIDE 1340CC
1999-2002 FLTR ROAD GLIDE 1450CC
1998-1998 FLTRI ROAD GLIDE 1340CC
1999-2006 FLTRI ROAD GLIDE 1450CC
1998-1998 FLTRI ROAD GLIDE ANNIV. 1340CC
2000-2000 FLTRSEI 1450CC
2001-2001 FLTRSEI2 1450CC
1995-1998 FXD DYNA SUPER GLIDE 1340CC
1999-2006 FXD DYNA SUPER GLIDE 1450CC
2006-2006 FXD35 SUPER GOLDEN ANNIV. 1450CC
2006-2006 FXDBI DYNA STREET BOB 1450CC
2005-2006 FXDC DYNA SUPER GLIDE CUSTOM 1450CC
1994-1994 FXDL DYNA GLIDE 1340CC
1994-1998 FXDL DYNA LOW RIDER 1340CC
1999-2006 FXDL DYNA LOW RIDER 1450CC
1994-1995 FXDS CONV. DYNA LOW RIDER 1340CC
1996-1998 FXDS-CONV DYNA CONV. 1340CC

1999-2002 FXDS-CONV DYNA CONV.
1450CC
1994-1998 FXDWG DYNA WIDE GLIDE
1340CC
1999-2006 FXDWG DYNA WIDE GLIDE
1450CC
1998-1998 FXDWG DYNA WIDE GLIDE
ANNIV. 1340CC
2001-2001 FXDWG2 1450CC
2002-2002 FXDWG3 1450CC
1994-1994 FXLR LOW RIDER CUSTOM
1340CC
1994-1994 FXR SUPER GLIDE 1340CC
FXR2 1340CC
1999-1999 FXR3 1340CC
2000-2000 FXR4 1450CC
1999-1999 FXST SOFTAIL 1340CC
2000-2006 FXST SOFTAIL STANDARD
1450CC
1994-1999 FXSTC SOFTAIL CUSTOM
1340CC
2000-2006 FXSTD SOFTAIL DUECE
1450CC
2001-2002 FXSTDI SOFTAIL DUECE
1450CC
2001-2002 FXSTI SOFTAIL STANDARD
1450CC
1994-1999 FXSTS SPRINGER SOFTAIL
1340CC
2000-2006 FXSTS SPRINGER SOFTAIL
1450CC
1995-1997 FXSTSB BAD BOY SOFTAIL
1340CC
2001-2002 FXSTSI SPRINGER SOFTAIL
1450CC

Note: Black Finish Unit
For Chrome Unit Use: S8005-NC

Part Number	Description
S8005-NB	Starter-Black

S8005-NC



Starter-Harley Chrome 1.2kw
12 Volt, CW, 18-Splines, Chrome
Finish
For Application See: S8005-NB
Replaces:
Lester: 19199C
Note:Chrome Finish
10-32 Output Hole Shaft
Note: Chrome Unit
For Black Unit Use: S8005-NB

Part Number	Description
S8005-NC	CHROME STARTER

Harley

Starters

S8006-NB



Starter- Harley (Black)
12 Volt, CW, 18-Splines, 1.2kw
1/4-20 Threaded Hole In Shaft
Replaces:
Lester: 17617
Haarley: 31570-89, 31570-89A
Denso: 128000-5750
Used On:
1989-1990 FLHS ELECTRA GLIDE
SPORT 1340CC
1989-1989 FLHTC 1340CC
1989-1990 FLHTC CLASSIC
1340CC
1989-1989 FLHTC ULTRA 1340CC
1990-1990 FLHTCU ULTRA
1340CC
1989-1989 FLHTP POLICE
1340CC
1989-1990 FLST HERITAGE
SOFTAIL 1340CC
1989-1989 FLSTC 1340CC
1990-1990 FLSTC HERITAGE
SOFTAIL CLASSIC 1340CC
1990-1990 FLSTF FAT BOY
1340CC
1989-1990 FLTC TOUR GLIDE
CLASSIC 1340CC
1989-1989 FLTC ULTRA 1340CC
1990-1990 FLTCU ULTRA 1340CC
1989-1990 FXLR LOW RIDER
CUSTOM 1340CC
1989-1990 FXR SUPER GLIDE
1340CC
1989-1989 FXRP POLICE 1340CC
1989-1990 FXRS CONV. 1340CC
1989-1990 FXRS LOW RIDER
1340CC
1989-1990 FXRS-SP LOW RIDER
SPORT 1340CC
1989-1990 FXRT SPORT GLIDE
1340CC
1989-1990 FXST SOFTAIL
1340CC
1989-1990 FXSTC SOFTAIL
CUSTOM 1340CC
1989-1990 FXSTS SPRINGER
SOFTAIL 1340CC
Note: Black Finsih Unit
For Chrome Finish Unit Use:

S8006-NC

Part Number	Description
S8006-NB	Starter

S8006-NC

Starter-Harley (Chrome)
12 Volt, CW, 18-Spline, 1.2 KW
1/4-20 Hole Output Shaft
For Applications See: S8006-NB
Replaces:
Lester: 17617C
Harley: 31570-89, 31570-89A
Denso: 128000-5750
Note: Chrome Unit
For Black Finish Unit Use: S8006-NB

Part Number	Description
S8006-NC	CHROME HARLEY ST

Harley

Starters

S8007-NC



Starter-Harley (Chrome) 1.8 KW
12 Volt, CW, 18-Spline, 1.8 KW Hi
Torque
Note:Chrome Finish
Note: Unit Comes With Heavy
Duty
Clutch Drive Installed Part # HD-
1
10-32 Output Hole Shaft
Replaces:
Lester: 18446C
Harley: 31558-94
For Chrome 1.2kw Use: S8005-
NC
For Black 1.2kw Use: S8005-NB
For Black 2.0kw Unit Use: S5010-
NB
For Chrome 2.0kw Unit Use:
S5010-NC
Used On 1989-ON Harley
Davidson Big Twin
Using The 1340CC Engine
***1.8 KW Starters Can Not Be**
Used 1989-
Present FLT Models With The Oil
Tank Under
The Transmission. On SOFT-TAIL,
DYNA, And
FXR Models Wiring And
Relocating Of Oil Lines
Is Required

Part Number	Description
S8007-NC	Starter

Harley

Starters

S8055NC



Starter-Harley Davidson
12 Volt, CW, 9-Tooth, 1.4 KW
Note: Chrome Unit
Replaces: 128000-8450, -8456
Harley: 31390-86, 31533-81
Lester: 18477C

Used On:

1999-2007 XL Sportster 883cc
1995-1998 XL Sportster 883cc
1993-1994 XL Sportster 883cc
1999-2002 XL Sportster 1200cc
1995-1998 XL Sportster 1200cc
1993-1994 XL Sportster 1200cc
1993-1993 XL Sportster Anniv. 1200cc
1999-1999 XL Sportster Custom 883cc
1999-1999 XL Sportster Custom 1200cc
1996-1998 XL Sportster Custom 1200cc
1998-1998 XL Sportster Custom Anniv. 1200cc
1995-1995 XL Sportster Deluxe 883cc
1993-1994 XL Sportster Deluxe 883cc
1999-2002 XL Sportster Hugger 883cc
1995-1998 XL Sportster Hugger 883cc
1993-1994 XL Sportster Hugger 883cc
1999-1999 XL Sportster Sport 1200cc
1996-1998 XL Sportster Sport 1200cc
2000-2007 XLC Sportster Custom 883cc
2000-2007 XLC Sportster Custom 1200cc
1991-1992 XLH Sportster 883cc
1986-1990 XLH Sportster 883cc
1981-1985 XLH Sportster 1000cc
1986-1987 XLH Sportster 1100cc
1991-1992 XLH Sportster 1200cc
1987-1990 XLH Sportster 1200cc
1991-1992 XLH Sportster Deluxe 883cc
1986-1990 XLH Sportster Deluxe 883cc
1991-1992 XLH Sportster Hugger 883cc

1987-1990 XLH Sportster Hugger 883cc
1986-1986 XLH Sportster Liberty 1100cc
2005-2007 XLL Sportster Low 883cc
2006-2007 XLL Sportster Low 1200cc
2007-2007 XLN Nightster 1200cc
2002-2007 XLR Sportster Roadster 883cc
2005-2007 XLR Sportster Roadster 1200cc
1981-1985 XLS Roadster 1000cc
2000-2003 XLS Sportster Sport 1200cc
1982-1982 XLSA Roadster Anniv. 1000cc
1983-1985 XLX-61 1000cc
1983-1984 XR1000 1000cc

Part Number	Description
S8055NC	Starter

Hitachi

Str/Generators

G100



Starter/Generator- Hitachi
12 Volt
For: Yamaha 1996-1999 G16
Replaces: GSB107-06E
Yamaha: JN6H11000

Part Number	Description
G100	GENERATOR

G102



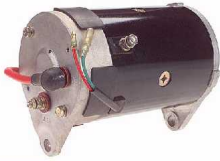
Starter/Generator- Hitachi
12 Volt
For: EZ GO 1993-UP 4 Cycle
Replaces: GSB107-10B
Yamaha: 27065G01

Part Number	Description
G102	GENERATOR

Hitachi

Str/Generators

G106



Starter/Generator- Hitachi
12 Volt
For: Yamaha 1985-1995 GS,8,9-14
Replaces: GSB107-06B
Yamaha: 538-81100-11-00

Part Number	Description
G106	GENERATOR

G107



Starter/Generator- Hitachi
12 Volt
For: Gas Engines 25-400cc
Replaces: GSB107-04A

Part Number	Description
G107	GENERATOR

G108



Starter/Generator- Hitachi
12 Volt
For: John Deere Gator
W/4-Cycle Gas Engines
Replaces: GSB107-06F

Part Number	Description
G108	GENERATOR

G109



Starter/Generator- Hitachi
12 Volt
For: Yamaha G1 Golf Cart
Replaces: GSB107-02

Part Number	Description
G109	STR/GEN HIT

G110



Starter/Generator- Hitachi
12 Volt
For: Club Car FE290,FE350
Replaces: 1018294-01

Part Number	Description
G110	STR/GEN

Honda ATV

Starters

HA-101N



Starter-Denso/Mitsuba
12 Volt, CCW, 10-Splines
Replaces:
Denso: 128000-1490,1491
Honda: 31200-HAO-682,
31200-HA6-682, 31200-HAO-004
Lester: 18341
Fits:
1985-1986 ATC250ES Big Red
1985-1986 ATC250SX
1985-1986 TRX250 Fourtrax
Denso Starters
Repair Kit: RBK-4
Brushes Only: B-4
Brush Holder Assy: ND-L
4 Brush Mitsuba Starters
Repair Kit: RBK-1
Brushes Only: Set B-1
Brush Holder Assy: SM-8
2 Brush Mitsuba Starters
Repair Kit: RBK-2
Brushes Set: B-2
Brush Holder Assy: SM-13L

Part Number	Description
HA-101N	NEW STARTER

Honda ATV

Starters

HA-102N



Starter-Denso/Mitsuba
12 Volt, CCW, 10 Splines
Fits:
1987 ATC250ES BIG RED 246CC
1987 ATC250SX 246CC
1987 TRX250 FOURTRAX 246CC
1988-2000 TRX300 281CC
1988-2000 TRX300FW 281CC
Replaces:
Lester: 18337
Honda:
31200-HA0-773, 31200-HA0-774
31200-HA6-306, 31200-HA6-316
31200-HA6-773, 31200-HA6-774
31200-HC4-003, 31200-HC4-013
31200-HC4-023, 31200-HC4-033
Denso Starters
Repair Kit: RBK-4
Brushes Only: B-4
Brush Holder Assy: ND-L
4 Brush Mitsuba Starters
Repair Kit: RBK-1
Brushes Only: Set B-1
Brush Holder Assy: SM-8
2 Brush Mitsuba Starters
Repair Kit: RBK-2
Brushes Only: Set B-2
Brush Holder Assy: SM-13L

Part Number	Description
HA-102N	NEW STARTER

HA-103N



Starter-Mitsuba
12 Volt
For: 1986 TRX350 & Other Models
Honda ATV 4-Wheelers
Replaces: 31200-HA7-315
Short Shaft
4 Brush Mitsuba Starters
Repair Kit: RBK-1
Brushes Set: B-1
Brush Holder Assy: SM-8
2 Brush Mitsuba Starters
Repair Kit: RBK-3
Brushes Only: Set B-2
Brush Holder Assy: SM-13R

Part Number	Description
HA-103N	NEW STARTER

HA-104N



Starter-Mitsuba
12 Volt
For: 1987-89 trx350
Honda ATV 4-Wheelers
Replaces: 31200-HA7-773
Long Shaft
4 Brush Mitsuba Starters
Repair Kit: RBK-1
Brushes Only:(Set B-1)
Brush Holder Assy: SM-8
2 Brush Mitsuba Starters
Repair Kit: RBK-3
Brushes Only:(Set B-2)
Brush Holder Assy: SM-13R

Part Number	Description
HA-104N	NEW STARTER

HA-105N



Starter-Mitsuba
12 Volt
For: 1993-2008 TRX 300EX
Honda ATV 4-Wheelers
Replaces: 31200-HM3-671
Long Shaft
2 Brush Mitsuba Starters
Repair Kit: RBK-3
Brushes Only: Set B-2
Brush Holder Assy: SM-13R

Part Number	Description
HA-105N	NEW STARTER

HA-106N



Starter-Honda ATV
12 Volt, CW, 10-Spline
Fits:
For: 1989-1990 FL400RK Pilot
Replaces:
Honda: 31200-HEO-003,
31200-HEO-013
Lester: 18338
Repair Parts:
2 Brush Mitsuba Starters
Repair Kit: RBK-3
Brushes Only: Set B-2
Brush Holder Assy: SM-13R

Part Number	Description
HA-106N	NEW STARTER

Honda ATV

Starters

HA-107N



Starter-Mitsuba
12 Volt
For: 1997-2006 Honda Recon,
TRX250 ATV
Replaces: 31200-HM8-003
Long Shaft
2 Brush Mitsuba Starters
Repair Kit: RBK-2
Brushes Only: Set B-2
Brush Holder Assy: SM-13L

Part Number	Description
HA-107N	NEW STARTER

HA-108N



Starter-Mitsuba
New Aftermarket Version, 12 Volt
For: 1985 FL 350 Odyssey
Replaces:
Honda: 31200-VM0-003,
31200-VM0-405
Lester: 18604
Repair Parts
For OE Mitsuba Starter
Repair Kit: RBK-5
Brushes Only: Set B-1
Brush Holder Assy: SM-8

For Aftermarket Starter Parts
Repair Kit: RBK-18
Brush Plate: SM-13R
Brushes: B-2

Part Number	Description
HA-108N	NEW AFTM STR

HA-109



Starter-Mitsuba
12 Volt, 31-Teeth
For: 1984-85 ATC 125M,
1985-86 125 TRX
Replaces: SM-223
Honda: 31200-968-003
2 Brush Mitsuba Starters
Repair Kit: RBK-7
Brushes Only: B-3

Part Number	Description
HA-109	STARTER

HA-110



Starter-Mitsuba
12 Volt, 9-Teeth
For: 1986-88 ATC 125M
1982-85 TRX 125 Honda ATV
Replaces: SM-8
Honda: 31200-HB6-003
4 Brush Mitsuba Starters
Repair Kit: RBK-1
Brushes Only: Set B-1
Brush Holder Assy: SM-8

Part Number	Description
HA-110	STARTER

HA-111



Starter-Mitsuba (Reman)
12 Volt, CW, 22-Teeth
Unit ID: SM-228
Replaces:
Lester: 18603
Honda: 31200-958-681
Fits:
1982-1983 ATC200E BIG RED 192CC
1984-1984 ATC200ES BIG RED
192CC
1984-1985 ATC200M 192CC
1984-1984 TRX200 FOURTRAX
2 Brush Mitsuba Starters
Repair Kit: RBK-6
Brushes Only: B-5
Brush Holder Assy: GL

Part Number	Description
HA-111	STARTER

Honda ATV

Starters

HA-111N



Starter-Mitsuba New
12 Volt, CW, 22-Teeth
Unit ID: SM-228
Replaces:
Lester: 18603
Honda: 31200-958-681
Fits:
1982-1983 ATC200E BIG RED 192CC
1984-1984 ATC200ES BIG RED 192CC
1984-1985 ATC200M 192CC
1984-1984 TRX200 FOURTRAX
2 Brush Mitsuba Starters
Repair Kit: RBK-6
Brushes Only: B-5
Brush Holder Assy: GL

Part Number	Description
HA-111N	Starter

HA-112



Starter-Mitsuba
12 Volt, 9-Teeth
For: 1986-88 TRX200S
Honda ATV 4-Wheelers
Replaces: SM-8
Honda: 31200-HB3-405
4 Brush Mitsuba Starters
Repair Kit: RBK-1
Brushes Only: Set B-1
Brush Holder Assy: SM-8

Part Number	Description
HA-112	STARTER

HA-113N



Starter-Honda ATV
12 Volt, CW, 9-Splines
Fits:
1990-1991 TRX200
1991-1997 TRX200D
Replaces:
Lester: 18605
Honda: 31200-HF1-013
2 Brush Mitsuba Starters
Repair Kit: RBK-3
Brushes Only: Set B-2
Brush Holder Assy: SM-13R

Part Number	Description
HA-113N	Starter

HA-114N



Starter-Mitsuba (New)
12 Volt, CCW, 10-Teeth
For: 1995-02 TRX400
Honda ATV 4-Wheelers
Replaces: SM-13
Honda: 31200-HM7-003
2 Brush Mitsuba Starters
Repair Kit: RBK-2
Brushes Only: (Set B-2)
Brush Holder Assy: SM-13L

Part Number	Description
HA-114N	NEW STARTER

HA-115N



Starter-Mitsuba
12 Volt, CW, 9-Teeth
For: 1999-06 TRX400 EX
Honda ATV 4-Wheelers
Replaces: SM-13
Honda: 31200-HN1-000
2 Brush Mitsuba Starters
Repair Kit: RBK-3B
Brushes Only: (Set B-2)
Brush Holder Assy: SM-13L

Part Number	Description
HA-115N	STARTER

HA-116N



Starter-Mitsuba
12 Volt, CCW, 10-teeth
For: 2000-2006 TRX350 4 X 4
Rancher,
Replaces: SM-13
Honda: 31200-HN5-671, 31200-HN5-A81,
31200-HN5-M01
2 Brush Mitsuba Starters
Repair Kit: RBK-2B
Brushes Only: (Set B-2)
Brush Holder Assy: SM-13L

Part Number	Description
HA-116N	STARTER

Honda ATV

Starters

HA-117N



Starter-Mitsuba
12 Volt, CCW
For: 1998-2001 TRX450
ES/S/FE/FM
2002-2003 TRX400FE
2002-2004 TRX450FE
2005-2006 TRX500FE
Replaces: SM-13
10-Teeth
2 Brush Mitsuba Starters
Repair Kit: RBK-2B
Brushes Only:(Set B-2)
Brush Holder Assy: SM-13L

Part Number	Description
HA-117N	NEW STARTER

HA-118



Starter-Mitsuba
12 Volt, CCW
For: 2001-2003 FA RUBICON
Replaces: SM-13
10-Teeth
2 Brush Mitsuba Starters
Repair Kit: RBK-2B
Brushes Only:(Set B-2)
Brush Holder Assy: SM-13L

Part Number	Description
HA-118	STARTER

HA-118N



Starter-Mitsuba (New)
12 Volt, CCW
For: 2001-2003 FA RUBICON
Replaces: SM-13
10-Teeth
2 Brush Mitsuba Starters
Repair Kit: RBK-2B
Brushes Only: B-2
Brush Holder Assy: SM-13L

Part Number	Description
HA-118N	Starter

HA-119N



Starter-Mitsuba/Honda ATV (New)
12 Volt, CCW, 9-Teeth
For: 2004-2006 Honda TRX500 FA
Replaces: SM-13
31200-HN2-A01
2 Brush Mitsuba Starters
Repair Kit: RBK-2
Brushes Only: B-2
Brush Holder Assy: SM-13L

Part Number	Description
HA-119N	Starter

HA-120N



Starter-Mitsuba/Honda ATV (New)
12 Volt, CCW, 9-Teeth
For: 2003-2006 Honda TRX650 FA
Replaces: SM-13
31200-HN8-000, 31200-HN8-003
4 Brush Mitsuba Starters
Repair Kit: RBK-29
Brushes Only: B-12
Brush Holder Assy: SM-13

Part Number	Description
HA-120N	Starter

HA-121N



Starter-Mitsuba
12 Volt, CCW, 9-Splines
For: Honda ATV
Fits: 2004-2007 Honda TRX400FA, TRX400FGA
Replaces:
Honda: 31200-HN7-003

Part Number	Description
HA-121N	Starter

Honda ATV

Starters

HA-122N



Starter-Honda ATV
12-Volt, CW
Used On:
2006-2007 TRX450ER 450cc
Replaces:
Honda: 31200-HP1-601

Part Number	Description
HA-122N	Starter

HA-123N



Starter-New
12 Volt, CW
Used On:
2005-2009 Honda ATV
TRX400EX Sportrax 397cc
Replaces:
Honda: 31200-HN1-A41

Part Number	Description
HA-123N	Starter

HA-124



Starter - Honda
12 Volt, 12-Teeth
Used In Honda ATV
Replaces: 31210-HP2-671
Pic: 191-602
Mitsuba: SM05
Used On:
2006-2006 TRX90
2007-2008 TRX90EX
2009-2009 TRX90X

Part Number	Description
HA-124	Starter

HS-62N



Starter-Honda
12 Volt, CCW, 11-Spline
Used On: 1994-2001 SA50
 Scooter
Replaces:
Honda: 31200-GBL-000
31200-GBL-770
31200-GWO-010

Part Number	Description
HS-62N	Starter

Honda Industrial

Starters

18423N



Starter-Honda
12 Volt, CCW, 17-Tooth
Used On: Coleman Generators
With Honda Engines
Replaces :
Mitsuba: SM302-26
Kohler: 267726
Honda: 31210-ZA0-982,
31210-ZA0-983

Part Number	Description
18423N	Starter

190-551N



Starter-Denso OSGR
12 Volt, 14-Tooth, CW
For: Honda Industrial Engines
Replaces: 128000-2750,31210-ZE3-0130
Note: This Unit Does Not Come With
Solenoid
Solenoid Part # 31204-ZA0-003

Part Number	Description
190-551N	NEW STARTER

49-0041



Starter-Honda (Aftermarket
Version)
12 Volt, 10-Tooth,CCW
For: Honda Industrial Engines
Replaces: 31200-ZJ1-004,
31200-ZJ4-003

Part Number	Description
49-0041	Starter

Honda Industrial

Starters

49-0042



Starter-Honda
12 Volt, 10-Tooth
For: Honda Industrial Engines
Replaces: 31200-ZF5-L32,31200-ZF5A-L310
For OE Unit Use: 31200-ZF5-L32

Part Number	Description
49-0042	Starter

49-5620



Starter-Honda
Used On: Small Honda Industrial Engines
Replaces:
Johnson: 10615620,
10615620MO18SM

Part Number	Description
49-5620	Starter

49-7850



Starter-Denso
12 Volt, CCW, 12-Teeth
Fits Honda Industrial Engines
24hp # GX670
Replaces:
Lester: 18985
Honda: 31200-ZJ4-841, 31200-ZJ1-842,
DDWD8
Denso: 228000-7850, 228000-7851,
9722809-785
Repair Parts:
Repair Kit: RBK-48
Brush Set: B-15

Part Number	Description
49-7850	Starter

49-7860



Starter-Denso
Fits Honda Industrial Engines
Replaces
Honda: 31200-ZJ4-831

Part Number	Description
49-7860	Starter

49-8996



Starter-Mitsuba
Fits Honda Industrial Engines
Note: Used On Air Compressors
Replaces
Honda: 31200-ZE1-023

Part Number	Description
49-8996	Starter

49-9003



Starter-Denso
12 Volt, CCW, 14-Teeth
Used On: Honda Industrial Engines
Replaces Denso: 128000-9400
Honda: 31200-ZH9-003

Part Number	Description
49-9003	Starter

HN-110N



Starter-Honda Small Engines
12 Volt, CCW, 10-Tooth
Used On: Honda IGX440 12.7HP Engines
Replaces:
Denso: 428000-3520
Honda: 31200-Z2E-003, 31200-Z2E-013
DDWDZ

Part Number	Description
HN-110N	Starter

Honda Industrial

Starters

HN-111N



Starter-New
OSGR 12 Volt, CCW, 9-T
For: Honda Small Engines
Used On: Honda GXV530 V-Twin
Replaces:
Denso: 228000-9480
Honda: 31200-ZOA-003

Part Number	Description
HN-111N	Starter

Honda Marine

Starters

19602N



Starter-New
PMGR, 12-Volt, 13-Tooth
Used On: Honda 75-130HP
Outboard
Replaces:
Mitsubishi: MOT60381,
MOT65081
Honda: 31200-ZQ1-004,
31200-ZW1A-0040, 31200-ZW5-
003,
31200-ZW5-0030, 31200-ZW5A-
0032

Part Number	Description
19602N	Starter

MS-104N



Starter-Hitachi New
12 Volt, CW, 9-Teeth
Used On: Honda Marine Outboard
35-50HP 1997-2006
Replaces:
Hitachi: S114-561, S114-677
Honda: 31200-ZV5-003, 31200-
ZV5-0130,
31200-ZV5A-01330
Note: Aftermarket Unit
For OE Unit Use: S114-677

Part Number	Description
MS-104N	Starter

S114-677



Starter-Hitachi OE
9-Tooth Gear
Fits: Honda 40HP Marine
Engines 4 Stroke
Replaces:
Hitachi: S114-677, S114-561
Honda: 31200-ZC5-0130,
31200-ZVA-0130
Note: New OE Unit
For Aftermarket Unit Use: MS-
104N

Part Number	Description
S114-677	Starter

Honda Motorcycles

Alternators

A5TA7599



Alternator-New OE
12 Volts, 75 Amps, I/R
Used On:
2001-2004 GL1800 Goldwing
2001-2004 GL1800A Goldwing
Replaces:
Mitsubishi: A5TA7599,
A5TA7599ZC
Honda: 31100-MCA-003, 31100-
MCA-7000
AHGA52

Part Number	Description
A5TA7599	Alternator

Honda Motorcycles

Alternators

GA-101N



Alternator-New 40 Amp Aftermarket Version
12 Volts, 40 Amps, I/R
For: Honda Goldwing Applications
Fits:
1990 GL1500 Gold Wing 1520cc
1991-2000 GL1500A Goldwing Aspencade
1991-1996 GL1500I Goldwing Interstate
1990-2000 GL1500SE Goldwing
Replaces:
Hitachi: LR140-708, LR140-708C
Honda: 31100-MT2-005, 31100-MT2-015
Note: For Stock OE Version Use: LR140-708C
For Hi Amp Version Use: GA-101N-90

Part Number	Description
GA-101N	Alternator

GA-101N-90



Alternator-New 90 Amp Hi Amp
12 Volts, 90 Amps, I/R
For: Honda Goldwing Applications
Fits:
1990 GL1500 Gold Wing 1520cc
1991-2000 GL1500A Goldwing Aspencade
1991-1996 GL1500I Goldwing Interstate
1990-2000 GL1500SE Goldwing
Replaces:
Hitachi: LR140-708, LR140-708C
Honda: 31100-MT2-005, 31100-MT2-015
Note: For Stock OE Version Use: LR140-708C
For Aftermarket Version Use: GA-101N

Part Number	Description
GA-101N-90	Alternator-HD

LR140-708C



Alternator-New OE
12 Volts, 40 Amps, I/R
For: Honda Goldwing Applications
Fits:
1990 GL1500 Gold Wing 1520cc
1991-2000 GL1500A Goldwing Aspencade
1991-1996 GL1500I Goldwing Interstate
1990-2000 GL1500SE Goldwing
Replaces:
Hitachi: LR140-708, LR140-708C
Honda: 31100-MT2-005, 31100-MT2-015
Note: For Hi Amp Unit (90 Amps)
Use: GA-101N-90
For Aftermarket Version Use: GA-101N

Part Number	Description
LR140-708C	Alternator-Goldwing

Starters

18670N



Starter-Honda Motorcycle
Used On:
98-99 VT750 Shadow
98-03 VT750CD Shadow
98-01 VT750CDZ Shadow
01-07 VT750DC Shadow Spt
Replaces: 31200-MBA-600, 31200-MBA-711, 31200-MKB-J01

Part Number	Description
18670N	Starter

18923N



Starter-Honda Motorcycle
12 Volt, CCW
Used On:
2006-2007 CBR1000RR 998cc
Replaces:
Honda: 31200-MEL-D21

Part Number	Description
18923N	Starter

Honda Motorcycles

Starters

HS-1



Starter-Mitsuba
12 Volt, CCW
For: 1970-1974 CB/CL 175-200
Replaces: SM-225
31-Teeth
2 Brush Mitsuba Starters
Repair Kit: RBK-21
Brushes Only:B-3

Part Number	Description
HS-1	STARTER

HS-10



Starter-Mitsuba
12 Volt, CCW
For: 1968-1976 CB450-500T
Replaces: SM-2
31-Teeth
2 Brush Mitsuba Starters
Repair Kit: RBK-28
Brushes Only:B-5

Part Number	Description
HS-10	STARTER

HS-11



Starter-Mitsuba
12 Volt, CW, 10-Teeth
For:1983-1990 VT600, VT
500C/FT, XL 600V
Replaces: SM-8
4 Brush Mitsuba Starters
Repair Kit: RBK-1
Brushes Only:(Set B-1) Each 47-
8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
HS-11	STARTER

HS-11A



Starter-Mitsuba
12 Volt, CW, 10-Teeth
For:1989-1990 XL 600V
TRANSALP
1988-1989 VT 609 SHADOW
Replaces: SM-13
4 Brush Mitsuba Starters
Repair Kit: RBK-29
Brushes Only:B-12

Part Number	Description
HS-11A	STARTER

HS-12



Starter-Mitsuba
12 Volt, CCW, 10-Teeth
1984-1986 VF 500C/F
Replaces: SM-8
4 Brush Mitsuba Starters
Repair Kit: RBK-1
Brushes Only:(Set B-1) Each 47-
8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
HS-12	STARTER

HS-13



Starter-Mitsuba
12 Volt, CCW, 9-Teeth
1982-1983 FT 500 ASCOT
Replaces: SM-8
4 Brush Mitsuba Starters
Repair Kit: RBK-1
Brushes Only:(Set B-1) Each 47-
8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
HS-13	STARTER

Honda Motorcycles

Starters

HS-14



Starter-Mitsuba
12 Volt, CW, 22-Teeth
For: 1978-1983 CX/GL 500-650
Replaces: SM-228
2 Brush Mitsuba Starters
Repair Kit: RBK-6
Brushes Only: B-5
Brush Holder Assy: GL

Part Number	Description
HS-14	STARTER

HS-15



Starter-Mitsuba
12 Volt, CW, 22-Teeth
1983 CX650 TURBO
Replaces: SM-8
4 Brush Mitsuba Starters
Repair Kit: RBK-1
Brushes Only:(Set B-1) Each 47-8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
HS-15	STARTER

HS-16



Starter-Mitsuba
12 Volt, CW, 10-Teeth
For: 1971-1978 CB 500K/F
Replaces: SM-227
2 Brush Mitsuba Starters
Repair Kit: RBK-6
Brushes Only: B-5
Brush Holder Assy: GL

Part Number	Description
HS-16	STARTER

HS-17



Starter-Mitsuba
12 Volt, CW, 10-Teeth
1983-1985 CB 550-650 SC
NIGHTHAWK
Replaces: SM-8
4 Brush Mitsuba Starters
Repair Kit: RBK-1
Brushes Only:(Set B-1) Each 47-8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
HS-17	STARTER

HS-18



Starter-Mitsuba
12 Volt, CCW, 10-Teeth
1987-1990 CBR 600F
Replaces: SM-13
2 Brush Mitsuba Starters
Repair Kit: RBK-2
Brushes Only:(B-2 Set) Each: 47-8355
Brush Holder Assy: SM-13L

Part Number	Description
HS-18	STARTER

HS-19



Starter-Mitsuba
12 Volt, CCW, 9-Teeth
For: 1991-1996 CBR 600 F2/F3
CBR 900RR/VTR 1000F
Replaces: SM-13
4 Brush Mitsuba Starters
Repair Kit: RBK-29
Brushes Only: B-12
Brush Holder Assy: SM-13

Part Number	Description
HS-19	STARTER

Honda Motorcycles

Starters

HS-19N



Starter-Mitsuba
12 Volt, CCW, 9-Teeth
For:1991-1996 CBR 600 F2/F3
CBR 900RR/VTR 1000F
Replaces: SM-13
4 Brush Mitsuba Starters
Repair Kit: RBK-29
Brushes Only:B-12
Brush Holder Assy: SM-13

Part Number	Description
HS-19N	Starter

HS-2



Starter-Mitsuba
12 Volt, CCW, 31-Teeth
For:1979-1980 CM 185-200 (6V)
Replaces: SM-214
2 Brush Mitsuba Starters
Repair Kit: RBK-16
Brushes Only:B-3

Part Number	Description
HS-2	STARTER

HS-20



Starter-Mitsuba
12 Volt, CCW, 10-Teeth
1993-2008 XR 650L
1988-1989 NX 650
Replaces: SM-13
2 Brush Mitsuba Starters
Repair Kit: RBK-2
Brushes Set: B-2
Brush Holder Assy: SM-13L

Part Number	Description
HS-20	STARTER

HS-21



Starter-Mitsuba
12 Volt, CW, 10-Teeth
For: 1979-1982 CB 650
Replaces: SM-227
2 Brush Mitsuba Starters
Repair Kit: RBK-6
Brushes Only:B-5
Brush Holder Assy: GL

Part Number	Description
HS-21	STARTER

HS-22



Starter-Mitsuba
12 Volt, CCW, 31-Teeth
1984-1986 CB 700 Nighthawk
Replaces: SM-8
4 Brush Mitsuba Starters
Repair Kit: RBK-26
Brushes Only:(Set B-1) Each 47-8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
HS-22	STARTER

HS-23



Starter-Mitsuba
12 Volt, CW, 10-Teeth
1984-1987 VT 700 SHADOW
Replaces: SM-8
4 Brush Mitsuba Starters
Repair Kit: RBK-1
Brushes Only:(Set B-1) Each 47-8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
HS-23	STARTER

HS-24



Starter-Mitsuba
12 Volt, CW, 10-Teeth
1983 VT 700 SHADOW
Replaces: SM-8
4 Brush Mitsuba Starters
Repair Kit: RBK-1
Brushes Only:(Set B-1) Each 47-8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
HS-24	STARTER

Honda Motorcycles

Starters

HS-25



Starter-Mitsuba
12 Volt, CW, 9-Teeth
1986-1997 VFR 700-750
Replaces: SM-13
4 Brush Mitsuba Starters
Repair Kit: RBK-35
Brushes Only:(Set B-2) Each 47-8355
Brush Holder Assy: SM-13R

Part Number	Description
HS-25	STARTER

HS-26N



Starter-Mitsuba
12 Volt, CCW, 10-Teeth
1982-1987 VF 700-750 C/S
Replaces: SM-8
4 Brush Mitsuba Starters
Repair Kit: RBK-12
Brushes Only:(Set B-1) Each 47-8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
HS-26N	NEW STARTER

HS-27



Starter-Mitsuba
12 Volt, CW, 10-Teeth
1983-1985 VF 700-750F
Replaces: SM-8
4 Brush Mitsuba Starters
Repair Kit: RBK-12
Brushes Only:(Set B-1) Each 47-8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
HS-27	STARTER

HS-28

Starter-Mitsuba
12 Volt, CCW, 10-Teeth
For: 1969-1978 CB 750
Replaces: SM-226
2 Brush Mitsuba Starters
Repair Kit: RBK-30
Brushes Only:B-5

Part Number	Description
HS-28	STARTER

HS-29



Starter-Mitsuba
12 Volt, CCW, 10-Teeth
For: 1979-1983 CB 750
Replaces: SM-220
2 Brush Mitsuba Starters
Repair Kit: RBK-30
Brushes Only:B-5

Part Number	Description
HS-29	STARTER

HS-30



Starter-Mitsuba
12 Volt, CW, 31-Teeth
For:1991-1995 CB 750 NH
Replaces: SM-13
2 Brush Mitsuba Starters
Repair Kit: RBK-38
Brushes Set Only:B-2
Brush Holder Assy: SM-13R

Part Number	Description
HS-30	STARTER

HS-31



Starter-Mitsuba
12 Volt, CCW, 10-Teeth
For:1980-1983 CB900-1000-1100 C/F
Replaces: 438
2 Brush Mitsuba Starters
Repair Kit: RBK-31
Brushes Set Only:B-5

Part Number	Description
HS-31	STARTER

Honda Motorcycles

Starters

HS-32



Starter-Mitsuba
12 Volt, CW, 10-Teeth
For:1984-1986 VF 1000 F/R
Replaces: SM-2
2 Brush Mitsuba Starters
Repair Kit: RBK-32
Brushes Set Only:B-5
Brush Holder Assy: GL

Part Number	Description
HS-32	STARTER

HS-33



Starter-Mitsuba
12 Volt, CW, 10-Teeth
For: CBX
Replaces: SM-220
2 Brush Mitsuba Starters
Repair Kit: RBK-32
Brushes Set Only:B-5
Brush Holder Assy: GL

Part Number	Description
HS-33	STARTER

HS-34



Starter-Mitsuba
12 Volt, CCW, 10-Teeth
1987-1995 CBR 1000
Replaces: SM-8
4 Brush Mitsuba Starters
Repair Kit: RBK-1
Brushes Only:(Set B-1) Each 47-8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
HS-34	STARTER

HS-35



Starter-Mitsuba
12 Volt, CW, 31-Teeth
For: 1975-1979 GL 1000
Goldwing
Replaces: SM-224
2 Brush Mitsuba Starters
Repair Kit: RBK-33
Brushes Set Only:B-5
Brush Holder Assy: GL

Part Number	Description
HS-35	STARTER

HS-36N



Starter-Mitsuba
12 Volt, CW, 31-Teeth
For: 1980-1983 GL 1100
Goldwing
Replaces: SM-224
2 Brush Mitsuba Starters
Repair Kit: RBK-33
Brushes Set Only:B-5
Brush Holder Assy: GL

Part Number	Description
HS-36N	NEW STARTER

HS-37



Starter-Mitsuba
12 Volt, CCW, 10-Teeth
1983-1986 VF 1100 C/S # MB4
Replaces: SM-8
4 Brush Mitsuba Starters
Repair Kit: RBK-12
Brushes Only:(Set B-1) Each 47-8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
HS-37	STARTER

Honda Motorcycles

Starters

HS-38



Starter-Mitsuba
12 Volt, CW, 22-Teeth
1985-1994 VT 1100 C SHADOW
Replaces: SM-8
4 Brush Mitsuba Starters
Repair Kit: RBK-1
Brushes Only:(Set B-1) Each 47-8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
HS-38	STARTER

HS-38N



Starter-New
12 Volt, CW, 22-Teeth
1985-1994 VT 1100 C SHADOW
Replaces: SM-8
For Reman Unit Use: HS-38
Replaces:
Honda: 31200-MAA-008, 31200-MG8-008,
31200-MG8-018, 31200-MM8-008
4 Brush Mitsuba Starters
Repair Kit: RBK-1
Brushes Only: Set B-1
Brush Holder Assy: SM-8

Part Number	Description
HS-38N	Starter

HS-39N



Starter-Mitsuba
12 Volt, CW, 10-Teeth
1995-UP VT 1100 C SHADOW
Replaces: SM-13
4 Brush Mitsuba Starters
Repair Kit: RBK-29
Brushes Set Only: B-12
Brush Holder Assy: SM-13

Part Number	Description
HS-39N	Starter

HS-3N



Starter-Mitsuba (New)
12 Volt, CCW, 31-Teeth
For:1981-1987 CMX 250/CM 200-250
Replaces: SM-223
2 Brush Mitsuba Starters
Repair Kit: RBK-16
Brushes Only:B-3

Part Number	Description
HS-3N	NEW STARTER

HS-40



Starter-Mitsuba (New)
12 Volt, CW, 31-Teeth
For:1984 GL 1200 GOLDWING
Replaces: SM-2
31200-MG9-004,
31200-MG9-405, 31200-MG9-505
2 Brush Mitsuba Starters
Repair Kit: RBK-34
Brushes Only:B-5
Brush Holder Assy: GL

Part Number	Description
HS-40	STARTER

Honda Motorcycles

Starters

HS-41N



Starter-Mitsuba (New)
12 Volt, CW, 31-Teeth
For: 1985-1987 GL1200
Goldwing
Replaces: SM-2
For Reman Starter Use HS-41
2 Brush Mitsuba Starters
Repair Kit: RBK-44
Brushes Only: B-5
Brush Holder Assy: GL

Part Number	Description
HS-41N	GL1200 STR NEW

HS-42



Starter-Mitsuba
12 Volt, CCW, 31-Teeth
For: 1991-1996 GL1500
Goldwing

Part Number	Description
HS-42	STARTER

HS-43



Starter-Mitsuba
12 Volt, CCW
For: 1991-2000 GL 1500 ASP

Part Number	Description
HS-43	STARTER

HS-44



Starter-Mitsuba
12 Volt, CCW
For: 1988-1989 GL1500
Note: With Two Battery Post

Part Number	Description
HS-44	STARTER

HS-45N



Starter-Mitsuba (New)
12 Volt, CCW, 9-Teeth
1999-2006 CBR 600 F4
Replaces: SM-14
2 Brush Mitsuba Starters
Repair Kit: RBK-23
Brushes Only: B-11

Part Number	Description
HS-45N	Starter

HS-46N



Starter-Mitsuba
12 Volt, CW, 9-Teeth
1985-UP CN-250, CH-250 Elete
Scooter
Replaces: SM-8
4 Brush Mitsuba Starters
Repair Kit: RBK-1
Brushes Only:(Set B-1) Each 47-
8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
HS-46N	NEW STARTER

HS-47



Starter-Mitsuba
12 Volt, CW, 14-Teeth
1983-1985 NH 80 Aero
Replaces: SM-5

Part Number	Description
HS-47	Starter

HS-48



Starter-Mitsuba
12 Volt, CW, 9-Teeth
1985-1987 CH 150 Elite
Replaces: SM-11
Honda: 31200-KN7-405,
31200-KN7-671, 31200-KN7-
672,
31200-KN7-676, 31200-KN7-674
2 Brush Mitsuba Starters
Repair Kit: RBK-21
Brush Set: B-3

Part Number	Description
HS-48	Starter

Honda Motorcycles

Starters

HS-49



Starter-Mitsuba
12 Volt, CW, 10-Teeth
1984-1987 NQ ESPRIT
Replaces: GK-8-781
4 Brush Mitsuba Starters
Repair Kit: RBK-1
Brushes Only:(Set B-1) Each 47-8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
HS-49	Starter

HS-4N



Starter-Mitsuba
12 Volt, CCW, 10-Teeth
For:
1991-2006 CB250
1996-2006 CMX250C Rebel
1999-2000 CMX250C2 Rebel
Replaces: SM-13
2 Brush Mitsuba Starters
Repair Kit: RBK-17
Brushes Set Only:B-2
Brush Holder Assy: SM-13L

Part Number	Description
HS-4N	Starter

HS-50N



Starter-Mitsuba (NEW)
12 Volt, CCW, 9-Teeth
1993-2007 ELITE CH80 Scooters
Replaces: SM-10
Honda: 31200-GE1-712, 31210-GE1-712
2 Brush Mitsuba Starters
Brushes Only:B-9

Part Number	Description
HS-50	Starter

HS-51



Starter-Mitsuba
12 Volt, CCW, 9-Teeth
1989-1990 CB 400F
Replaces: SM-13
2 Brush Mitsuba Starters
Repair Kit: RBK-2
Brushes Only:(B-2 Set) Each: 47-8355
Brush Holder Assy: SM-13L

Part Number	Description
HS-51	Starter

HS-52



Starter-Mitsuba
12 Volt, CW, 9-Teeth
1994-UP VF 750/VFR 750R
Replaces: SM-13
2 Brush Mitsuba Starters
Repair Kit: RBK-35
Brushes Only:(B-2 Set) Each: 47-8355
Brush Holder Assy: SM-13L

Part Number	Description
HS-52	Starter

HS-53



Starter-Mitsuba
12 Volt, CCW, 30-Teeth
1980-1981 C-70 Passport 6V
Replaces: SM-8101
4 Brush Mitsuba Starters
Repair Kit: RBK-52
Brushes Only:(Set B-1) Each 47-8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
HS-53	Starter

HS-54



Starter-Mitsuba
12 Volt, CCW, 22-Teeth
1982-1983 C-70 Passport 12V
Replaces: SM-5

Part Number	Description
HS-54	Starter

Honda Motorcycles

Starters

HS-55



Starter-Mitsuba
12 Volt, CW, 9-Teeth
For:2001-2004 Reflex 250
Replaces: SM-13
2 Brush Mitsuba Starters
Repair Kit: RBK-3
Brushes Set Only:B-2
Brush Holder Assy: SM-13R

Part Number	Description
HS-55	Starter

HS-5N



Starter-Mitsuba
12 Volt, CW, 10-Teeth
For:1988-1990 VTR 250
Replaces: SM-13
2 Brush Mitsuba Starters
Repair Kit: RBK-3
Brushes Set Only:B-2
Brush Holder Assy: SM-13R

Part Number	Description
HS-5N	STARTER

HS-6



Starter-Mitsuba
12 Volt, CCW, 31-Teeth
1967-1977 CB/CL/SL/CJ 350-360
Replaces: SM-2
2 Brush Mitsuba Starters
Repair Kit: RBK-21
Brushes Only:B-3

Part Number	Description
HS-6	STARTER

HS-65N



Starter-Honda M/C
12 volts, CCW, 13-Tooth
For: 2006-2009 Honda Goldwing GL1800

Replaces: 31200-MCA-A60,
31200-MCA-A61

Part Number	Description
HS-65N	Starter

HS-66



Starter-Honda
12 Volt, PMDD
Used On:
1997-2003 Honda GL1500
Valkyrie
Replaces:
Honda: 31200-MZ0-003

Part Number	Description
HS-66	Starter

HS-67



Starter-Mitsuba
12 Volt, 9-Spline
Fits:
2007-2009 Honda CBR600RR
599cc
Motorcycle
Replaces:
Honda: 31200-MFJ-D01
ID: SM18 12V

Part Number	Description
HS-67	Starter

HS-68



Starter-Mitsuba
12 Volt, 9-Spline
For:
2008-2009 Honda CBR1000RR
998cc Motorcycle
Replaces:
Honda:
31200-MFL-003
ID: SM18 12V

Part Number	Description
HS-68	Starter

Honda Motorcycles

Starters

HS-69



Starter-Reman
 12 Volt, CW, 9-Spline
 Used On:
 1989-1990 CH250 Elite Scooter
 2001-2003 NSS250 Scooter
 Replaces:
 Honda: 31200-KAB-008,
 31200-KAB-018, 31200-KAB-
 770,
 31200-KAB-771
Repair Parts:
 Repair Kit: RBK-3
 Brush Holder Assy: SM-13R
 Brush Set: B-2

Part Number	Description
HS-69	Starter

HS-7



Starter-Mitsuba
 12 Volt, CW, 10-Teeth
 1972-1977 CB 350-400F
 Replaces: SM-228
2 Brush Mitsuba Starters
 Repair Kit: RBK-25
 Brushes Only:B-3

Part Number	Description
HS-7	STARTER

HS-70



Starter-Honda Motorcycle
 12 Volt, Mitsuba, CW, 9-Spline
 Used On:
 2004-2009 Honda VTX1300
 Replaces:
 Honda: 31200-MEA-671, 31200-
 MEM-671
 Lester: 18677
 Unit ID: SM-13
Repair Parts
 Repair Kit: RBK-67
 Brush Holder Assy: SM-13
 Brush Set: B-2

Part Number	Description
HS-70	Starter

HS-8



Starter-Mitsuba
 12 Volt, CW, 10-Teeth
 1978-1986 CB/CM 400-450
 Replaces: SM-228
2 Brush Mitsuba Starters
 Repair Kit: RBK-25
 Brushes Only:B-3

Part Number	Description
HS-8	STARTER

HS-9



Starter-Mitsuba
 12 Volt, CCW, 10-Teeth
 1986-1987 CMX 450 Rebel
 Replaces: SM-8
4 Brush Mitsuba Starters
 Repair Kit: RBK-1
 Brushes Only:(Set B-1) Each 47-
 8360
 Brush Holder Assy: SM-8
 Brush Holder Only: 47-8365
 Pos Brush Set Assy: 47-8366

Part Number	Description
HS-9	STARTER

Honda PWC

Starters

49-1101



Starter-Honda Aqua Trax
12 Volt, CCW, PMDD
Used On:
Honda Personal Watercraft
Aquatrax 1235cc
Replaces:
Lester: 18431
Honda: 31200-HW1-671

Part Number	Description
49-1101	Starter

John Deere

Starters

49-2760



Starter-Denso
12 Volt, CCW, 9-Teeth
Used On: John Deere
130 Lawn Tractor
Replaces:
Denso: 128000-2760
John Deere: AM102628
Kawasaki: 21163-2068

Part Number	Description
49-2760	Starter

49-2890



Starter-Denso
12 Volt, CCW, 8-Teeth
Used On: John Deere 130,160
Lawn Tractor LX176, SX95
Replaces Denso: 128000-
2890,128000-6550
John Deere: AM102567,
AM107206
Kawasaki: 21163-2070

Part Number	Description
49-2890	Starter

49-5501



Starter-Denso
12 Volt, CCW, 9-Teeth
Fits: John Deere 285 Lawn
Mower
585cc Kawasaki Engine
Replaces
John Deere: AM105575
Kawasaki: 21163-2077
Denso: 128000-5500, 9712809-
550

Part Number	Description
49-5501	Starter

49-7050



Starter-Denso
12 Volt, CCW, 9-Teeth
Replaces: Denso 128000-7050
John Deere: AW26844
Kawasaki: 21163-2089

Part Number	Description
49-7050	Starter

49-7940



Starter-Denso
12 Volt, CCW, 9-Teeth
Used On: John Deere 265 Lawn
Tractor
Replaces Denso: 128000-7940
Kawasaki: 21163-2093
John Deere: AM108615

Part Number	Description
49-7940	Starter

49-9360



Starter-Denso PMGR
12 Volt, 9-Tooth CCW
For: Cub Cadet, John Deere
Replaces: 128000-9360,
21163-2101, AM109408

Part Number	Description
49-9360	STARTER

John Deere

Starters

49-9804



Starter-Kohler/John Deere/UT
12 Volt, CCW, 9-Teeth
Used On: K482,K532,K582
18-23 HP Engines
Replaces:
Kohler:
4509804,4509805,4809802
John Deere: AM37725
UT: 1574540, 56665940

Part Number	Description
49-9804	Starter

49-9809



Starter-Kohler/John Deere/UT
12 Volt, CCW, 10-Teeth
Used On: K241,K301,K321,K341
10-16 HP Engines
Replaces:
John Deere: AM3424B, AMJ7869
Kohler: 4509807,4509809
UT: 0599440,1146340,
1250740,1635340

Part Number	Description
49-9809	Starter

BA-105N



Starter-New
12 Volts, Mitsuba PMDD
For: Bombardier, John Deere
Fits:
Bombardier ATV
2002-2004 Quest 500 2X2, 500
4X4,
500 XT, Quest 650, Quest 650 XT
2004 Quest Max 650
2005 Traxter 500 CVT (Auto)
2005 Traxter 650 Auto CVT
2005 Traxter 650 Max Auto CVT
John Deere Outdoor Equipment:
Utility Vehicle (UTV) Trail Buck
500, 650,
650 EX, 650EXT
John Deere ATV
Trail Buck 500, 650, 650EX,
650EXT
Replaces:
Bombardier: 420888991,
711888991
John Deere: C420-888-991

Part Number	Description
BA-105N	Starter

John Deere ATV

Starters

18533N



Starter
12 Volt, Denso
Used On: John Deere Gator
W/10HP
Kawasaki Mule 600,610
Replaces:
John Deere: AM134946
Kawasaki: 21163-7020
Denso: 428000-3130

Part Number	Description
18533N	Starter

John Deere ATV

Starters

18549N



Starter
12 Volt, Denso
Used On: John Deere Gator 6X4 W/19HP
Replaces:
John Deere: AM133646
Kawasaki: 21163-7015
Denso: 228000-9261

Part Number	Description
18549N	Starter

18819N



Starter-John Deere ATV (New)
12 Volt, Mitsuba
Used On: John Deere ATV
Fits:
John Deere Buck 500 ATV
Replaces:
John Deere: C420-296-125

Part Number	Description
18819N	Starter

BA-105N



Starter-New
12 Volts, Mitsuba PMDD
For: Bombardier, John Deere
Fits:
Bombardier ATV
2002-2004 Quest 500 2X2, 500 4X4,
500 XT, Quest 650, Quest 650 XT
2004 Quest Max 650
2005 Traxter 500 CVT (Auto)
2005 Traxter 650 Auto CVT
2005 Traxter 650 Max Auto CVT
John Deere Outdoor Equipment:
Utility Vehicle (UTV) Trail Buck
500, 650,
650 EX, 650EXT
John Deere ATV
Trail Buck 500, 650, 650EX,
650EXT
Replaces:
Bombardier: 420888991,
711888991
John Deere: C420-888-991

Part Number	Description
BA-105N	Starter

Johnson

Alternators

7320N



Alternator-New
12 Volt, 42 Amps
For: Marine Application
Fits:
1968-1976 Evinrude Engines
1975-1982 Johnson Engines
1966-1974 OMC Engines
Replaces:
Prestolite: 51-271, ALK6210,
ALK6210A,
ALK6222, ALK6222A,
ALK6222AY, ALK6222AYS,
ALK6222Y
Arco: 40152

Part Number	Description
7320N	Alternator

Johnson

Starters

49-0036



**Starter-Evinrude, Johnson,
& OMC, UT**
12 Volt, CCW, 9-Teeth
Replaces:
OMC: 583473,585059
UT: 5071240, 5704940

Part Number	Description
49-0036	Starter

49-0066



**Starter-Evinrude, Johnson &
OMC**
12 Volt, CCW, 10-Teeth
Used On: 120-140HP Engines
Replaces:
OMC: 393570, 585060
UT: 4730920, 4730940, 5705040

Part Number	Description
49-0066	Starter

49-0125



Starter New
12 Volt, CCW, 10-Tooth
Fits:
Evinrude/ Johnson 9.9 - 15HP
1994-Up
Motor Housing Length 4.048
Replaces
Arco Marine: 5361
Lester: 5779
OMC: 584613, 586274
United Tech: 5659240-MO20SM

Part Number	Description
49-0125	Starter

Kawasaki ATV

Starters

18533N



Starter
12 Volt, Denso
Used On: Johne Deere Gator
W/10HP
Kawasaki Mule 600,610
Replaces:
John Deere: AM134946
Kawasaki: 21163-7020
Denso: 428000-3130

Part Number	Description
18533N	Starter

18717N



Starter-Mitsuba
12 Volt
For: Kawasaki ATV
Fits: Kawaski Praire
2003-2006 KVF360 Prairie
Replaces:
Kawasaki: 21163-1328
Pic # 191-355
Lester # 18717

Part Number	Description
18717N	Starter

KA-101



Starter-Mitsuba
12 Volt, CW, 9-Teeth
1987-1988 KLF110 MOJAVE
2001-2002 AN110
Replaces: SM-5220
Kawasaki: 21163-1101
Repair Parts:
Repair Kit: RBK-64
Brush Set: B-17

Part Number	Description
KA-101	STARTER

Kawasaki ATV

Starters

KA-102



Starter-Mitsuba
12 Volt, CCW, 9-Teeth
1985-1988 KLF 185 BAYOU
Replaces: SM-11
2 Brush Mitsuba
Repair Kit: RBK-20
Brush Set: B-10

Part Number	Description
KA-102	STARTER

KA-103



Starter-Mitsuba
12 Volt, CCW, 31-Teeth
1981-1984 KLT200
Replaces: SM-223-C
2 Brush Mitsuba
Repair Kit: RBK-21
Brush Set: B-3

Part Number	Description
KA-103	STARTER

KA-104N



Starter-Mitsuba
12 Volt, CCW, 9-Teeth
1988-1996 KLF 220 BAYOU,
1996-UP KLF220, 250 BAYOU
2 Brush Mitsuba
Parts For 1988-1996 KLF 220
SM-7
Repair Kit: RBK-22
Brush Set: B-8
Parts For 1996-UP KLF 220, 250
BAYOU
SM-14
Repair Kit: RBK-23
Brush Set: B-11
Brush Holder Assy: SM-14L

Part Number	Description
KA-104N	NEW STARTER

KA-105N



Starter-Mitsuba
12 Volt, CCW, 31-Teeth
For: 1982-1985 KLT 250
Replaces: SM-8211
4 Brush Mitsuba
Repair Kit: RBK-24
Brush Set:(B-1 Set) 47-8360
Each
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Assy: 47-8366

Part Number	Description
KA-105N	Starter

KA-106N



Starter-Mitsuba (New)
12 Volt, CCW, 31-Teeth
1986-UP KLF 300 BAYOU
2 Brush Mitsuba
Parts For 1989-UP KLF 300 BAYOU
SM-13
Repair Kit: RBK-27
Brush Set: (B-2 Set) 47-8355 Each
Brush Holder Assy: SM-13L
4 Brush Mitsuba
Parts For 1986-1988 KLF 300 BAYOU
SM-8
Repair Kit: RBK-24
Brush Set:(B-1 Set) 47-8360 Each
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Only: 47-8366

Part Number	Description
KA-106N	NEW STARTER

Kawasaki ATV

Starters

KA-107N



Starter-Mitsuba New
12 Volt, CCW, 9-Teeth
1993-00 KLF 400 Bayou
1997-00 KLF 400 Prairie
Replaces: SM-13
21163-1208
2 Brush Mitsuba
Repair Kit: RBK-2
Brush Set: (B-2 Set) 47-8355
Each
Brush Holder Assy: SM-13L

Part Number	Description
KA-107N	Starter

KA-108



Starter-Mitsuba
12 Volt, CW, 31-Teeth
1991-1995 KAF 450 MULE 1000
Replaces: SM-13
2 Brush Mitsuba
Repair Kit: RBK-47
Brush Set: (B-2 Set) 47-8355
Each
Brush Holder Assy: SM-13R

Part Number	Description
KA-108	STARTER

KA-109N



Starter-Denso (New)
12 Volt, CCW, 9-Teeth
All KAF 620 Mule 2500-2510
Replaces: 228000-2210, 228000-2211
Kawasaki# 21163-2114, 21163-2118
4 Brush Denso
Repair Kit: RBK-48
Brush Set: B-15
Brush Each: 68-8222
Brush Holder: 053400-5020
For OE New Unit Use: 228000-2211

Part Number	Description
KA-109N	Starter

KA-110N



Starter-Denso (New)
12 Volt, CW, 9-Teeth
All KAF 300 Mule 500-550
Replaces: 128000-9980
Kawasaki# 21163-2109
4 Brush Denso
Repair Kit: RBK-48
Brush Set: B-15
Brush Holder: 028514-5020

Part Number	Description
KA-110N	Starter

KA-111N



Starter-Denso (New)
12 Volt, CCW, 9-Teeth
All KAK 540 Mule 2010-2020-2030
Replaces: 128000-8040
Kawasaki# 21163-1147
4 Brush Denso
Repair Kit: RBK-48
Brush Set: B-15
Brush Each: 68-8222
Brush Holder: 053400-5020
For New OE Unit Use: 128000-8040

Part Number	Description
KA-111N	Starter

KA-114N



Starter-Mitsuba
For: 2002-2003 KVF 650
KVF/KSK/ 700 Prairie 4 X 4
OEM # 21163-1320

Part Number	Description
KA-114N	Starter

Kawasaki ATV

Starters

KA-115N



Starter-Kawasaki
12 Volt, CW, 9-Tooth
Used On:
All KAF950 Mule 2510 Diesel
953cc
All KAF950 Mule 3010 Diesel
953cc
All KAF950 Mule 4010 Diesel
953cc
Replaces:
Lester: 18630
Kawasaki: 21163-0030, 21163-1299
Denso: 428000-3170
Note:
One Mounting Ear Threaded

Part Number	Description
KA-115N	Starter

SA-108N



New Starter
Kawasaki ATV
12 Volts, CW, 9-Spline
For:
2003-2006 KSF400 A1-A3; A6F
Kawasaki ATV
Replaces:
Lester: 18718
Kawasaki: 21163-S004

Part Number	Description
SA-108N	Starter

Kawasaki Industrial

Starters

18976N



Starter-Kawasaki
12 Volt, CCW, 9-Tooth
Used On FZ400D Engines
Replaces Denso: 128000-4800
Kawaski: 21163-2074

Part Number	Description
18976N	Starter

18990N



Starter-Kawasaki
12 Volt, CCW, 9-Tooth
Used On: FD731V Engines
Replaces:
Denso: 428000-2740, 428000-2741
Kawasaki: 21163-2129

Part Number	Description
18990N	Starter

5922N



Starter-Kawasaki
12-Volt, CCW, 10-Tooth
For: FH381V Engines
Replaces Lester: 5922
Pic: 106-223
Kawasaki: 21163-7007

Part Number	Description
5922N	Starter

KE-111N



Starter-New
PMGR, 12-Volt, CCW, 9-T
For: Kawasaki Engines
Used On: Cub Cadet, John Deere,
& Others
Replaces:
Denso: 228000-9180
Kawasaki: 21163-2120
John Deere: AM132303

Part Number	Description
KE-111N	Starter

KE-112N



Starter-Kawasaki
12 Volt, CCW, 16-Tooth
Used On:
Kawasaki Small Engines
For Lawn & Garden
Replaces:
Kawasaki:
21163-7013, 21163-7017

Part Number	Description
KE-112N	Starter

Kawasaki Motorcycle

Alternators

A7T20199



Alternator-New OE
12 Volts, 35 Amps, I/R
For:
1986 ZG1200 Voyager XII A1
1987-1991 ZG1200 Voyager XII
B1-B5
Replaces:
Kawasaki: 21001-1083, 21001-1123
Mitsubishi: A7T20199

Part Number	Description
A7T20199	Alternator

Starters

KS-1



Starter-Mitsuba
12 Volt, CCW, 31-Teeth
1978-1979 KZ 020
Replaces: SM-223C
2 Brush Mitsuba
Repair Kit: RBK-21
Brush Set: B-3

Part Number	Description
KS-1	STARTER

KS-10



Starter-Mitsuba
12 Volt, CW, 9-Teeth
1985-UP 600 NINJA
Replaces: SM-8
4 Brush Mitsuba Starters
Repair Kit: RBK-1
Brushes Only:(Set B-1) Each 47-8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
KS-10	STARTER

KS-11



Starter-Mitsuba
12 Volt, CW, 9-Teeth
1984-UP KLR 600-650
Replaces: SM-8
4 Brush Mitsuba Starters
Repair Kit: RBK-12
Brushes Only:(Set B-1) Each 47-8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
KS-11	STARTER

KS-12



Starter-Mitsuba
12 Volt, CW, 31-Teeth
For: 1977-UP KZ650/750 (2 BRUSH)
Replaces: SM-224
2 Brush Mitsuba Starters
Repair Kit: RBK-33
Brushes Only:B-5
Brush Holder Assy: GL

Part Number	Description
KS-12	STARTER

KS-13



Starter-Mitsuba
12 Volt, CW, 31-Teeth
1980-UP KZ650/750 (4 BRUSH)
Replaces: SM-8208
4 Brush Mitsuba Starters
Repair Kit: RBK-43
Brushes Only:(Set B-1) Each 47-8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
KS-13	STARTER

Kawasaki Motorcycle

Starters

KS-14



Starter-Denso
12 Volt, CW, 10-Teeth
1987-1990 ZX 750 NINJA
2 Brush Denso Starters
Repair Kit: RBK-4
Brushes Only: B-4
Brush Holder Assy: ND-L

Part Number	Description
KS-14	STARTER

KS-15



Starter-Mitsuba
12 Volt, CW, 31-Teeth
1976-UP KZ 750B
Replaces: SM-224
2 Brush Mitsuba Starters
Repair Kit: RBK-33
Brushes Only: B-5
Brush Holder Assy: GL

Part Number	Description
KS-15	STARTER

KS-16



Starter-Mitsuba
12 Volt, CCW, 10-Teeth
1985-UP VN 700/750 VULCAN
Replaces: SM-8
4 Brush Mitsuba Starters
Repair Kit: RBK-1
Brushes Only: (Set B-1) Each 47-8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
KS-16	STARTER

KS-16A



Starter-Mitsuba
12 Volt, CCW, 10-Spline
1995-2005 VN 800 VULCAN
2000-2001 EJ650 W650
2006-2009 VULCAN 900
Replaces: 21163-1263
4 Brush Mitsuba Starters
Repair Kit: RBK-29
Brushes Only: B-12
Brush Holder Assy: SM-13

Part Number	Description
KS-16A	STARTER

KS-17



Starter-Denso
12 Volt, CW, 10-Teeth
1984-1986 ZX 900 NINJA
2 Brush Denso Starters
Repair Kit: RBK-2
Brushes Only: B-4
Brush Holder Assy: ND-R

Part Number	Description
KS-17	STARTER

KS-18



Starter-Denso
12 Volt, CCW, 10-Teeth
1991-199 ZX7 NINJA (ALL MODELS)
2 Brush Denso Starters
Repair Kit: RBK-4
Brushes Only: B-4
Brush Holder Assy: ND-L

Part Number	Description
KS-18	STARTER

KS-19



Starter-Mitsuba
12 Volt, CCW, 10-Teeth
1987-UP KZ 1000 POLICE
Replaces: SM-13
2 Brush Mitsuba Starters
Repair Kit: RBK-2
Brushes Only: B-2
Brush Holder Assy: SM-13L

Part Number	Description
KS-19	STARTER

Kawasaki Motorcycle

Starters

KS-20



Starter-Mitsuba
12 Volt, CCW, 10-Teeth
1973-UP KZ 1000J, KZ 1000 (4 BRUSH)
Replaces: SM-8207
4 Brush Mitsuba Starters
Repair Kit: RBK-1
Brushes Only:(Set B-1) Each 47-8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
KS-20	STARTER

KS-21



Starter-Mitsuba
12 Volt, CW, 10-Teeth
1986-1992 ZG 1200 Voyager
Replaces:
Kawasaki: 21163-1098, 21163-1235
Lester: 18699
Unit ID# SM-2
2 Brush Mitsuba Starters
Repair Kit: RBK-32
Brushes Only:B-5
Brush Holder Assy: GL

Part Number	Description
KS-21	STARTER

KS-21A



Starter-Kawasaki
12 Volt , Mitsuba
Used On: Kawasaki
1993-2003 ZG1200 Voyager
1992-1995 XR1100 Zepher
Replaces:
Kawasaki: 21163-1196
Lester: 18700
Unit ID# SM-13
Repair Parts
Repair Kit: RBK-29
Brush Holder Assy: SM-13
Brush Set Only: B-12

Part Number	Description
KS-21A	Starter

KS-22



Starter-Mitsuba
12 Volt, CW, 10-Teeth
1973-UP KZ 900 (Z1), KZ 1000, ZN 1300
1983-1988 ZN1300 Voyager A1-A6
Replaces: SM-226, SM-225-K
2 Brush Mitsuba Starters
Repair Kit: RBK-30
Brushes Only:B-5

Part Number	Description
KS-22	STARTER

KS-23



Starter-Mitsuba
12 Volt, CW, 10-Teeth
1986-UP ZG 1000 CONCOURSE
Replaces: SM-8
4 Brush Mitsuba Starters
Repair Kit: RBK-1
Brushes Only:(Set B-1) Each 47-8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
KS-23	STARTER

KS-24



Starter-Mitsuba
12 Volt, CW, 10-Teeth
1986-1990 1000 NINJA (ALL), ZX-10
Replaces: SM-8
4 Brush Mitsuba Starters
Repair Kit: RBK-12
Brushes Only:(Set B-1) Each 47-8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
KS-24	STARTER

Kawasaki Motorcycle

Starters

KS-25



Starter-Mitsuba
12 Volt, CW, 10-Teeth
1990-UP ZX-11
Replaces: SM-13
4 Brush Mitsuba Starters
Repair Kit: RBK-29
Brushes Only: B-12
Brush Holder Assy: SM-13

Part Number	Description
KS-25	STARTER

KS-26



Starter-Denso
12 Volt, CCW, 10-Teeth
1990-UP NINJA 600 / ZX6
2 Brush Denso Starters
Repair Kit: RBK-4
Brushes Only: B-4
Brush Holder Assy: ND-L

Part Number	Description
KS-26	STARTER

KS-27



Starter-Mitsuba
12 Volt, CCW, 10-Teeth
For: 1987-UP VN 1500 Vulcan
4-Brush Mitsuba Starters
Brushes Only B-12

Part Number	Description
KS-27	STARTER

KS-28



Starter-Denso
12 Volt, CCW, 10-Teeth
1998-UP ZX-6 G1/2
Id # 7350

Part Number	Description
KS-28	STARTER

KS-29



Starter-Mitsuba
12 Volt, CW
1995-1997 ZX600 NINJA
Replaces: SM-13
2 Brush Mitsuba Starters
Repair Kit: RBK-3
Brushes Only: B-2
Brush Holder Assy: SM-13R

Part Number	Description
KS-29	STARTER

KS-2N



Starter-Mitsuba
12 Volt, CCW, 31-Teeth
1980-1983 KZ250
Replaces: SM-8211
4 Brush Mitsuba Starters
Repair Kit: RBK-24
Brushes Only: Set B-1
Brush Holder Assy: SM-8

Part Number	Description
KS-2	Starter

KS-3



Starter-Mitsuba
12 Volt, CCW, 9-Teeth
1986-UP EX 250 NINJA
Replaces: SM-7
2 Brush Mitsuba Starters
Repair Kit: RBK-22
Brush Set: B-8

Part Number	Description
KS-3	STARTER

KS-33



Starter-Kawasaki
12 Volt, PMDD
For: 1996-2009 Kawasaki
EN500 Vulcan C1-C10 498cc
Replaces:
Kawasaki: 21163-1274
Repair Parts:
Repair Kit: RBK-38

Part Number	Description
KS-33	Starter

Kawasaki Motorcycle

Starters

KS-4



Starter-Mitsuba
12 Volt, CCW, 9-Teeth
1981-UP KZ 305 CSR, GPZ, LTD
Replaces: SM-7
2 Brush Mitsuba Starters
Repair Kit: RBK-22
Brush Set: B-8

Part Number	Description
KS-4	STARTER

KS-5



Starter-Mitsuba
12 Volt, CW, 31-Teeth
1974-UP ZZ 400/440 2 BRUSH
Replaces: SM-2
2 Brush Mitsuba Starters
Repair Kit: RBK-21
Brush Set: B-3

Part Number	Description
KS-5	STARTER

KS-6



Starter-Mitsuba
12 Volt, CW, 31-Teeth
1980-UP KZ 400/440 (4 BRUSH)
Replaces: SM-8203
4 Brush Mitsuba Starters
Repair Kit: RBK-24
Brushes Only:(Set B-1) Each 47-8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
KS-6	STARTER

KS-7



Starter-Mitsuba
12 Volt, CW, 31-Teeth
1985-UP EN 454
1987-UP EX 500
Replaces: SM-8239
4 Brush Mitsuba Starters
Repair Kit: RBK-26
Brushes Only:(Set B-1) Each 47-8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
KS-7	STARTER

KS-8



Starter-Mitsuba
12 Volt, CW, 10-Teeth
1980-83 ZX 550 LTD, GPZ
Replaces: SM-8202
4 Brush Mitsuba Starters
Repair Kit: RBK-1
Brushes Only:(Set B-1) Each 47-8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
KS-8	STARTER

KS-9



Starter-Mitsuba
12 Volt, CW, 10-Teeth
1983-1985 KZ 550
Replaces: SM-8202
4 Brush Mitsuba Starters
Repair Kit: RBK-1
Brushes Only:(Set B-1) Each 47-8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
KS-9	STARTER

Kawasaki Motorcycle

Starters

SA-108N



New Starter
Kawasaki Motorcycle
12 Volts, CW, 9-Spline
For:
2003-2003 KLX400R B1
Kawasaki Motorcycle
2003-2003 KLX400SR A1
Kawasaki Motorcycle
Replaces:
Lester: 18718
Kawasaki: 21163-S004

Part Number	Description
SA-108N	Starter

Kawasaki PWC

Starters

49-1092



Starter-Kawasaki/Mitsuba
12 Volt, CW, 9-Spline
Used On: Kawasaki PWC
Fits: 650 & 750 Engines
Replaces:
Kawasaki: 21163-3712
Drive: WD-5

Part Number	Description
49-1092	STARTER

49-1094



Starter-Hitachi DD
12 Volt, 9-Tooth, CCW
For: Kawasaki Personal Watercrafts
Replaces: S108-116
Kawasaki: 21163-3710
Fits: 440 & 550 Engines
Drive: 54-8106

Part Number	Description
49-1094	STARTER

49-1100



Starter-Kawasaki
12 Volt, 10-Tooth, CW
For: Kawasaki Personal
Watercrafts
Replaces:
Kawasaki: 21163-3715
Fits: 1200 (Ultra 150) Engines

Part Number	Description
49-1100	NEW STARTER

WK-1



Starter-Mitsuba
12 Volt, CCW, 10-Teeth
JS 300/SX 300 Kawasaki
Personal Watercraft
Replaces: SM-8
4 Brush Mitsuba Starters
Repair Kit: RBK-1
Brushes Only:(Set B-1) Each 47-8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
WK-1	STARTER

Kohler

Starters

1209823S



Starter-United Tech
120 Volt, 13-Tooth,CCW
For: Kohler Engines
Replaces:1209816,1209823
UT # 9640640

Part Number	Description
1209823S	Starter

128000-4520



Starter-OE Denso
12 Volt, CCW, 9-Teeth
For: Kohler Engines
Replaces: 52-098-08,
5209808S
Denso: 128000-4520
• **New OE Denso Unit**

Part Number	Description
128000-4520	Starter

Kohler

Starters

1509802S



Starter-Kohler/UT
12 Volt, 12-Teeth
Used On: CH-5, CH-6EP,
CV-6S Engines
Note OE Unit: 1509802S

Part Number	Description
1509802S	Starter
2-2022-DR	



Starter-Delco Version
12-Volt, CCW, 10-Teeth
Used On Kohler Engines
Replaces:
Delco: 10455513
Denso: 128000-7480, 22800-2640
Kohler:
2409801,2409803,2509808,
2509809
John Deere: AM108390
Lester: 6744
For Denso Version Use: 49-7480
Repair Parts:
Drive: 60-1076
Solenoid: 31-8975

Part Number	Description
2-2022-DR	Starter
2875530S	



Starter-Kohler/UT
12 Volt, CCW, 10-Teeth
Used On: TH-16, TH-18 Engines
Replaces: 2809801S, 2875530S
Note: OE Unit

Part Number	Description
2875530S	Starter

48-2509



Starter-Kohler
12 Volt, CCW, 10-Teeth
Used On: Kohler-CV12.5, CV14
Replaces:
1209810,2509803,2509804,
2509805,2509806,2509807

Part Number	Description
48-2509	STARTER

49-0026



Starter-Kohler/UT
12 Volt, CCW, 9-Teeth
Used On 17-20HP Engines
KT17,KT19,M18,M20,MV20
Replaces: 5209806,5209810,
5209813
UT: 5213240,5666440

Part Number	Description
49-0026	STARTER

49-0035



Starter-Kohler/UT
12 Volt, CCW, 9-Teeth
Used On Kohler K582 Engines
Replaces:4809801,4809805
UT: 5666740

Part Number	Description
49-0035	STARTER

49-0065



Starter-Kohler/UT
12 Volt, CCW, 9-Teeth
Used On Kohler KT17II, M18
Replaces: 5209804,5209811
UT: 1819140,5666340

Part Number	Description
49-0065	STARTER

Kohler

Starters

49-7110



Starter-Kohler
12 Volt, CCW, 10-Tooth
Replaces
Lester: 5801
Pic: 106-535
Kohler: 32-098-01S
Used On: Cub Cadet, New
Holland
& Others

Part Number	Description
49-7110	Starter

49-7120



Starter-Kohler
12 Volt, CCW, 10-Tooth
Replaces:
Lester: 5802
Pic: 106-526A, 106-526B
Kohler: 25-098-04, 25-098-05,
25-098-06, 25-098-07
John Deere: AM130407,
AM132818
United Tech: 6560020-M030SM,
6727040-M030SM

Part Number	Description
49-7120	Starter

49-7480



Starter-Denso
12-Volt, CCW, 10-Teeth
Used On Kohler Engines
Replaces:
Delco: 10455513
Denso: 128000-7480, 22800-
2640
Kohler:
2409801,2409803,2509808,
2509809
John Deere: AM108390
For Delco Version Use: 2-2022-
DR

Part Number	Description
49-7480	Starter

49-9237



Starter-Kohler/UT
12 Volt, CCW, 9-Teeth
Used On: 17-21 KT Engines
Replaces:
Kohler: 5209803,
5209809,5209812
UT: 1770540, 1819040

Part Number	Description
49-9237	STARTER

49-9804



Starter-Kohler/John Deere/UT
12 Volt, CCW, 9-Teeth
Used On: K482,K532,K582
18-23 HP Engines
Replaces:
Kohler:
4509804,4509805,4809802
John Deere: AM37725
UT: 1574540, 56665940

Part Number	Description
49-9804	STARTER

49-9806



Starter-Kohler/UT
12 Volt, CCW, 10-Teeth
Used On: M8,M16 8-16HP
Engines
Replaces:
Kohler: 4109804,4109806
UT: 4733040,5666640

Part Number	Description
49-9806	STARTER

49-9808



Starter-Kohler/UT
12 Volt, CCW, 16-Teeth
Used On: K161,K181, 6-8 HP
Engines
Replaces:
Kohler:
4109801,4109803,4109808
4509801
UT: 4372740,SM05996,SM43727,
SM56665,SM69967

Part Number	Description
49-9808	STARTER

Kohler

Starters

49-9809



Starter-Kohler/John Deere/UT
12 Volt, CCW, 10-Teeth
Used On: K241,K301,K321,K341
10-16 HP Engines
Replaces:
John Deere: AM3424B, AMJ7869
Kohler: 4509807,4509809
UT: 0599440,1146340,
1250740,1635340

Part Number	Description
49-9809	STARTER

49-9810



Starter-Kohler/UT
12 Volt, CCW, 10-Teeth
Used On: K241, K301, K321,
K341, 10-16 HP Engines
Replaces:
Kohler: 4509810
UT: 0599540

Part Number	Description
49-9810	STARTER

49-9811



Starter-Kohler/UT
12 Volt, CCW, 13-Teeth
Used On: K241, K301, K321,
K341; 10-16HP Engines
Replaces:
Kohler: 4509806, 4509811
UT: 1492540,5665840

Part Number	Description
49-9811	STARTER

49-9812



Starter-Kohler/UT
12 Volt, CCW, 13-Teeth
Used On: CV12.5, C12.5,
9-15HP Engines
Replaces:
Kohler:
1209804,1209808,1209813
UT: 5225040,5278340,5666940

Part Number	Description
49-9812	STARTER

49-9813



Starter-Kohler/UT
12 Volt, CCW, 13-Teeth
Used On: CV12.5, C12.5,
9-20HP Engines
Replaces:
Kohler: 1209806,1209809,
1209812
UT: 5239740,5278440,5667040

Part Number	Description
49-9813	STARTER

KTM

KTM Motorcycle

KT-101N



Starter-KTM
12 Volt, CCW, 9-Spline
For:
2003-2008 KTM 450 & 525
Replaces:
KTM: 590.40.001.000
ID# SM-14
Repair Kit: RBK-61

Part Number	Description
KT-101N	Starter

KT-102



Starter-KTM
12 Volt, 9-Spline
Fits:
2008-2009 250XCW
2008-2009 300XCW
2009 250XC, 300XC
Replaces:
KTM: 55140001000

Part Number	Description
KT-102	Starter

Kubota

Alternators

49-4013



**Kubota Alternator
New OE Unit
For OE Takeoff Unit Use 99-4013
For Reg/Rectifier Use: J5050**

Part Number	Description
49-4013	Alternator

49-5050



**Alternator
Dynamo Assy
Replaces: 185046160
Similar To The 49-4013
Except Larger**

Part Number	Description
49-5050	Alternator

99-4013



**Kubota Alternator
OE Takeoff
For New Unit Use 49-4013
For Reg/Rectifier Use: J5050**

Part Number	Description
99-4013	OE TAKEOFF ALT

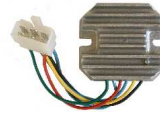
GP9905



**Alternator-Kokusan Denki
12-Volt 20 Amps
Used On:
Isuzu Engines &
Tropical Diesel Generators
Replaces: 897048-970-0,
897048-970-1, 897048-970-2
GP9905, GP9901**

Part Number	Description
GP9905	Alternator

J5050



**Regulator/Rectifier
Used On Kubota
Used With: 49-4013,99-4013
Replaces:
Kubota: 15531-64601,RS5101
Grasshopper# 185530**

Part Number	Description
J5050	Reg/Rect

Starters

49-7940



**Starter-Denso
12 Volt, CCW, 9-Teeth
Used On:John Deere 265 Lawn
Tractor
Replaces Denso: 128000-7940
Kawasaki: 21163-2093
John Deere: AM108615**

Part Number	Description
49-7940	Starter

49-9365



**Starter-Denso
12 Volt, 9-Tooth CCW
For: John Deere, Kubota
Replaces: 128000-4020,
12498-63010, 21163-2073, -A**

Part Number	Description
49-9365	STARTER

KB-101N



**Starter-Kubota
12 Volt, CW, 9-Tooth
Used On Kubota Engines
Replaces:
Denso: 228000-5400
Kubota: K3511-81410,
K3511-81410-1**

Part Number	Description
KB-101N	Starter

Kymco ATV

Starters

AC-4N



Starter-New
12 Volt, Mitsuba
Used On: Arctic Cat ATV, Kymco ATV
Fits:
2006-2009 Arctic Cat 250 Utility ATV
2006-2008 Arctic Cat DVX 250 ATV
2009 Arctic Cat DVX 300
2004-2009 Kymco MXU 250
2005-2009 Kymco MXU 300
2003-2009 Kymco Mongoose 250
2005-2009 Kymco Mongoose 300
Replaces:
Lester: 18911
Arctic Cat: 3304-274
Kymco: 31210-LBA7-900

Part Number	Description
AC-4N	Starter

Lincoln Welder

Starters

49-0018



Starter-United Technology
12 Volt, 13-Tooth, CCW
For: Cushman Carts & Lincoln Welders
Replaces: Cushman:
884932,884982
ut# 2020040,5086140,5710440

Part Number	Description
49-0018	STARTER

Lynx Snowmobile

Starters

BA-110N



Starter - New
12 Volt, CCW, 9-Splines
Used In: Lynx Snowmobiles
Replaces:
Lester: 18880
Denso: 428000-3580
Fits:
2007-2008 Adventure V-800
2008-2008 Ranger V-800
2008-2008 Xtrim SC 800
2006-2008 YETI V-800 Pro

Part Number	Description
BA-110N	Starter

Mariner Marine

Starters

49-0011



Starter-Mercury & Mariner
12 volt, CCW, 10-Teeth
Used On: 65-85HP Engines
Replaces:
Mercury:50-60315,50-65436,
50-66015
Prestolite: MGD4108, MGL4001B
UT: 0996240,0996440,4820140

Part Number	Description
49-0011	Starter

49-0014



Starter-Mercury & Mariner
Marine / UT
12 Volt, CCW, 8-Teeth
Used On: V150-V175; 135-200HP
Replaces:
Mercury: 50-44414,50-77141
UT: 1491640, 4820440

Part Number	Description
49-0014	Starter

Mariner Marine

Starters

49-0022



Starter-Mercury & Mariner
12 Volt, CCW, 8-Teeth
Used On: 225-300HP Engines
Replaces: 50-818445,50-818445-3,
50-848445-5
UT: 5275640

Part Number	Description
49-0022	Starter

49-5652



Starter-UT
12 Volt
For: Mercury/Mariner
9.9HP O/B 1995-1998
Replaces:
Mercury Marine: 825991A-2

Part Number	Description
49-5652	Starter

6794N



Starter-Delco
12 Volt, CCW, 14-Tooth PMGR
For:
Mercury/Mariner 115-225HP
2001-Up
Replaces:
Delco: 9000855
Mercury: 50-853329T

Part Number	Description
6794N	Starter

S108-80B



Starter-Hitachi
12 Volt, CCW, 11-Teeth
Used On: Yamaha 25-40HP
2 Stroke
Mariner 20-40HP 2 Stroke
Replaces:
Hitachi: S108-80, A, B
Mariner: 50-97693M
Yamaha: 689-81800-11,-12,-13
Note: New OE Unit
For Aftermarket Use: MS-101N

Part Number	Description
S108-80B	Starter

S114-221J



Starter-Hitachi
12 Volt, CCW, 9-Tooth
Fits: Yamaha, Mariner
55-60HP 2-Cycl, 2 Stroke
Engines
Replaces: S114-220, S114-221,
S114-221, E, F, G, H, J
Yamaha: 676-81800-10,
697-81800-10,-11,-12,-13
Note: New OE Unit

Part Number	Description
S114-221J	Starter

S114-828B



Starter-Hitachi
12 Volt, 13-Teeth
Used On: Yamaha, Mercury,
Mariner
Fits: 1999-UP 80HP, 4 Stroke
1999-UP 100HP, 4 Stroke
Mercury/Mariner 90HP 4 Stroke
Replaces: S114-828B
Note: New OE Unit
For Aftermarket Unit Use:
18347N

Part Number	Description
S114-828B	Starter

Mer cruiser

Starters

3141N



Starter-Ford Marine
12 Volt, CCW, 9-Tooth
Note: Top Mounting Hole
Threaded
On D.E Housing
Used On: Mer cruiser And Cobra
Equipped With Ford Engines

Part Number	Description
3141N	Starter

Mer cruiser

Starters

49-5314



Starter-Delco Marine
12 Volt, CW, 9-Teeth
Fits: Mercruiser, OMC, Volvo,
Cobra, Yamaha
Fits: 4, 6 & 8 Cylinder Engines
Replaces:
Mercury: 50-99417A2

Part Number	Description
49-5314	Starter
49-5314	Starter

49-5315



Starter-Delco Marine
12 Volt, CCW, 9-Teeth
Fits: Mercruiser, OMC, Volvo,
Cobra, Yamaha
Fits: 4, 6 & 8 Cylinder Engines

Part Number	Description
49-5315	Starter

49-5323



Starter-Delco Marine
12 Volt, CW, 9-Teeth
Fits: Mercruiser, OMC, Volvo
Fits 6 & 8 Cylinder Engines
Replaces:
Mercury: 50-12177A2
OMC: 986505
Volvo: 3850525-1

Part Number	Description
49-5323	Starter

49-5324



Starter-Delco Marine
12 Volt, CCW, 9-Teeth
Fits: Mercruiser, OMC, Volvo
Fits 6 & 8 Cylinder Engines
Replaces:
OMC: 384243

Part Number	Description
49-5324	Starter

49-5325



Starter-Delco Marine (Chrome)
12 Volt, CW, 9-Teeth
Fits: Mercruiser, OMC, Volvo
Fits 6 & 8 Cylinder Engines
Replaces:
Mercury: 50-12177A2
OMC: 986505
Volvo: 3850525-1

Part Number	Description
49-5325	Starter

49-5326



Starter-Delco Marine (Chrome)
12 Volt, CW, 9-Teeth
Fits: Mercruiser, OMC, Volvo,
Cobra, Yamaha
Fits: 4, 6 & 8 Cylinder Engines
Replaces:
Mercury: 50-99417A2

Part Number	Description
49-5326	Starter

49-5400



Starter-Delco PMGR 1.4KW
CW Rotation
For: Mercruiser, OMC, Volvo
Fits-4,6, & 8 Cylinder Engines
This Will Replace the CW 10MT &
14MT
Marine Starters

Part Number	Description
49-5400	Starter

49-5500



Starter-Delco PMGR 1.4KW
CCW Rotation
For: Mercruiser, OMC, Volvo
Fits-4,6, & 8 Cylinder Engines
This Will Replace the CCW 10MT
& 14MT
Marine Starters

Part Number	Description
49-5500	Starter

Mercuriser

Starters

6440N



New Starter
10MT, 12 Volt, CW, 9-Tooth
High Torq Starter
For Marine Applications
Note: Does Have Center Support
Replaces:
Delco: 1108525, 1109484
Mercury Marine: 50-65785A1,
50-79604A, 50-79604A
OMC: 980821
Used On:
Crusader, Mercuriser, OMC,
Pleasurecraft, Thermo Electron
Marine Engines

Part Number	Description
6440N	Starter

6791N-B



New Starter
1.4kw , 12 Volt, CW, 11-Tooth
4-Terminal Solenoid
Used On:
Mercury Mercuriser, OMC,
Volvo-Penta 3.0L , 5.0L, 5.7L,
6.2L
Marine Engines W/14 In.
Flywheel
Replaces:
Delco: 9000839* , 9000840*,
9000884
*** Replaces Delco PG260F1**
Starters,
9000839, 9000840 W/9-Tooth
Drive
Mercury Marine: 50-807904A1,
50-863007A1
OMC: 3860566
Volvo Penta: 3860566-3
Note: 100% New OE
Performance Torque & Output
Black Epoxy Paint

Part Number	Description
6791N-B	Starter

Mercury Marine

Alternators

12176N



Alternator-Mando Marine
12 Volt, 65 Amp, I/R
Used On Mercury Marine,
Yamaha
Replaces:
AC165610, AC165616, 805447T,
805884,
805884-P, 805884-T

Part Number	Description
12176N	Alternator

Mercury Marine

Alternators

12347N



Alternator-New
12 Volt, 60 Amps
4-Groove Pulley
Used On Mercury Marine
Replaces:
Denso: 101211-3460
Mercury Marine: 834832,
834832T2

Part Number	Description
12347N	Alternator

240-209AN



Alternator-Delco
12 Volts, 105 Amps
Heavy Duty Version Of
49-3147
Used On: Mercruiser, OMC,
Pleasurecraft
For Chrome Version Use:
49-3148

Part Number	Description
240-209AN	Alternator-105A

293-18N



Alternator-Mando Marine
12 Volt, 55 Amp, I/R
Used On Mercury Marine,
Yamaha
Replaces:
817119-2 , AOOB0331,
AC155603,
3850927-9, 3854809-5

Part Number	Description
293-18N	Alternator

49-3147



Alternator-Delco
12 Volt, 61 Amp, 1-Wire
100% New
For: Various Marine Applications
Comes With Coast Guard
Approved
Screens & Cover
Replaces: 59755,69729,78403A1
1100576,1100577,1102393,1102
496,
1105478

Part Number	Description
49-3147	Alternator

49-3148



Alternator-Delco Chrome
12 Volts, 105 Amps
Heavy Duty Version Of
49-3147
Used On: Mercruiser, OMC,
Pleasurecraft
For Non Chrome Version Use:
240-209AN

Part Number	Description
49-3148	Alt-DR Chrome 105A

Starters

18347N



Starter-Hitachi
12 Volt, 13-Teeth
Used On: Yamaha, Mercury,
Mariner
Fits: 1999-UP 80HP, 4 Stroke
1999-UP 100HP, 4 Stroke
Mercury/Mariner 90HP 4 Stroke
Replaces: S114-828B
Note: Aftermarket Unit
For OE Unit Use: S114-828B

Part Number	Description
18347N	Starter

Mercury Marine

Starters

49-0004



Starter-Mercury Marine/UT
12 Volt, CCW, 9-Teeth
Used On: 35-40HP Engines
Replaces:
Mercury: 50-29105,50-30829,
50-32403,50-32411,50-38890,
50-55601
Delco:
1113510,1113518,1113553,
1113569,1113577
UT# 0996140

Part Number	Description
49-0004	STARTER

49-0005



Starter-Mercury Marine/UT
12 Volt, CCW, 10-Teeth
Used On: 85HP Engines
Replaces:
Mercury: 50-30842,50-58788
UT# 0996340

Part Number	Description
49-0005	STARTER

49-0010



Starter-United Technologys
12 Volt, 9-Tooth, CCW
Used On: Chrysler, Mercury & US Marine
70-150 HP Engines
Replaces: Chrysler 480955,616955
Mercury: 50-616955-1
Prestolite: MGL4002, MGL4013,
MGL4014,
MKW4005 US Marine: 61-6955

Part Number	Description
49-0010	STARTER

49-0011



Starter-Mercury & Mariner
12 volt, CCW, 10-Teeth
Used On: 65-85HP Engines
Replaces:
Mercury:50-60315,50-65436,
50-66015
Prestolite: MGD4108, MGL4001B
UT: 0996240,0996440,4820140

Part Number	Description
49-0011	STARTER

49-0013



Starter-Mercury Marine/UT
12 Volt, CCW, 10-Teeth
Used On: 1976-1994 50-70HP
Engines
Replaces: 50-44369
UT# 4820340

Part Number	Description
49-0013	STARTER

49-0014

Starter-Mercury & Mariner
Marine / UT
12 Volt, CCW, 8-Teeth
Used On: V150-V175; 135-200HP
Replaces:
Mercury: 50-44414,50-77141
UT: 1491640, 4820440

Part Number	Description
49-0014	STARTER

49-0015



Starter Mercury Marine/UT
12 Volt, CCW, 8-Teeth
Used On: 200-275HP Engines
Replaces:
MERcury: 50-44415,50-79472
UT: 1718340,4820540

Part Number	Description
49-0015	STARTER

Mercury Marine

Starters

49-0021



Starter-Mercury/UT
12 Volt, CCW, 13-Teeth
Used On: 50HP Engines
Replaces:
Mercury: 50-819271
UT: 5274070

Part Number	Description
49-0021	STARTER

49-0022



Starter-Mercury & Mariner
12 Volt, CCW, 8-Teeth
Used On: 225-300HP Engines
Replaces: 50-818445,50-818445-3,
50-848445-5
UT: 5275640

Part Number	Description
49-0022	STARTER

49-0028



Starter-Mercury Marine/UT
12 Volt, CCW, 9-Teeth
Used On: 90,95,120 HP Engines
Replaces:
Mercury Marine: 50-819968,
50-819968-1
UT: 5667640

Part Number	Description
49-0028	STARTER

49-0031



Starter-Mercury Marine/UT
12 Volt, CCW, 10-Teeth
Used On: 30-60HP Engines
Replaces:
Mercury: 50-822462
UT: 5675640

Part Number	Description
49-0031	STARTER

49-0032



Starter-Mercury/UT
12 Volt, CCW, 13-Teeth
Used On: 40-50HP Engines
Replaces:
Mercury: 50-820193
UT: 5676940

Part Number	Description
49-0032	STARTER MOTOR

49-0051



Starter-United Technologys
12 Volt, 11-Tooth, CCW
Used On: Mercury Marine
35-55 HP Engines
Replaces: Mercury: 50-575955
UT # 4411940

Part Number	Description
49-0051	STARTER

49-0053



Starter-Mercury Marine/UT
12 Volt, CCW, 10-Teeth
Used On: 25HP Engines
Replaces:
Mercury: 50-90983A-1
UT: 5216040

Part Number	Description
49-0053	STARTER

49-0070



Starter-Mercury/UT
12 Volt, CCW, 10-Teeth
Used On: 90-150HP, V115, V140
Replaces:
Mercury: 50-57465, 50-57867,
50-72467
Prestolite: MGL4012, MJL4002
UT: 1065240, 1147840, 4836940

Part Number	Description
49-0070	STARTER

Mercury Marine

Starters

49-0079



Starter-Mercury/ UT
12 Volt, CCW, 8-Teeth
Used On: 110-115HP Engines
Replaces:
Mercury: 50-66015-1
UT: 4886540

Part Number	Description
49-0079	STARTER

49-0081



Starter-Mercury/UT
12 Volt, 9-Teeth
Used On: 150-225HP (V6)
Engines
With 135-Tooth Flywheel
Replaces:
Mercury: 50-86976
UT: SM180059, 4838740

Part Number	Description
49-0081	STARTER ASB

49-0083



Starter-Mercury/UT
12 Volt, 10-Teeth
Used On: 35-40HP Engines
Replaces:
Mercury: 50-41583
UT: 4438540

Part Number	Description
49-0083	STARTER ASB

49-0089



Starter Mercury/UT
12 Volt, 10-Teeth
Used On: 1150, 1750
Replaces:
Prestolite: MJL4003, MJL4003B
Mercury: 50-64975

Part Number	Description
49-0089	STARTER ASB

49-0155



Starter-Mercury/UT
12 Volt, CCW, 9-Teeth
Used On: 25HP 4-Stroke Engines
Replaces:
Mercury: 50-830308, 50-830308-T,
50-859169T
UT: 6781540

Part Number	Description
49-0155	STARTER ASB

49-0156



Starter-Mercury/UT
12 Volt, CCW, 9-Teeth
Used On: 200-225HP
3.0L Engines (1999)
V135DFI-V150DFI 2.5L Engine
Replaces:
Mercury: 50-833153,-1,-2
50-833153T-4, -5
UT 6781540

Part Number	Description
49-0156	STARTER ASB

49-0175



Starter-Mercury/UT
12 Volt, CCW, 9-Teeth
Used On: 30-40HP 4-Stroke
Engines (1994)
Replaces:
Mercury: 50-854636T
UT: 6743040

Part Number	Description
49-0175	STARTER ASB

49-0177

Starter-Mercury/UT
12 Volt, CCW, 9-Teeth
Used On: Mercury/Mariner 50HP
Replaces:
Mercury: 50-834749
UT: 6743240

Part Number	Description
49-0177	STARTER ASB

Mercury Marine

Starters

49-0178



Starter-Mercury/UT
12 volt, CCW, 9-Teeth
Used On: Mercury 15HP
(4-Stroke)
Replaces:
Mercury: 50-852570
UT: 6873740

Part Number	Description
49-0178	STARTER ASB

49-0179



Starter-UT
12 Volt, CCW, 8-Tooth
Used On: Mercury Marine
2.5L Engines
Replaces:
Mercury: 50-832997, 50-832997-1,
50-832997-2
United Tech: 6782140-M030SM

Part Number	Description
49-0179	Starter

49-3240



Starter-Marine
12 Volt, CCW, 9-Tooth
Used On: Mercury, Suzuki,
Yamaha
For: 40-60HP Marine Engines
Replaces:
Hitachi: S114-220, S114-221
Mercury: 50-81490M, 50-92669M,
50-97072, 50-97072-T
Suzuki: 31300-95240
Yamaha: 676-81800-10-00
697-81800-10-00, 697-81800-11-00,
697-81800-12-00, 697-81800-13-00
Note: For OE Unit Use: S114-221J

Part Number	Description
49-3240	Starter

49-5400



Starter-Delco PMGR 1.4KW
CW Rotation
For: Mercruiser, OMC, Volvo
Fits-4,6, & 8 Cylinder Engines
This Will Replace the CW 10MT & 14MT
Marine Starters

Part Number	Description
49-5400	Starter

49-5500



Starter-Delco PMGR 1.4KW
CCW Rotation
For: Mercruiser, OMC, Volvo
Fits-4,6, & 8 Cylinder Engines
This Will Replace the CCW 10MT & 14MT
Marine Starters

Part Number	Description
49-5500	Starter

6788N-B



New Starter
1.4kw , 12 Volt, CW, 11-Tooth
4-Terminal Solenoid
Used On:
Mercury Marine, OMC, Volvo-Penta
Replaces:
Delco: 9000895, 10465606
Note: 100% New OE
Performance Torque & Output
Black Epoxy Paint

Part Number	Description
6788N-B	Starter

Mercury Marine

Starters

6791N-B



New Starter
1.4kw , 12 Volt, CW, 11-Tooth
4-Terminal Solenoid
Used On:
Mercury Mercruiser, OMC,
Volvo-Penta 3.0L , 5.0L, 5.7L,
6.2L
Marine Engines W/14 In.
Flywheel
Replaces:
Delco: 9000839* , 9000840* ,
9000884
* Replaces Delco PG260F1
Starters,
9000839, 9000840 W/9-Tooth
Drive
Mercury Marine: 50-807904A1,
50-863007A1
OMC: 3860566
Volvo Penta: 3860566-3
Note: 100% New OE
Performance Torque & Output
Black Epoxy Paint

Part Number	Description
6791N-B	Starter

MS-101N



Starter-Hitachi
12 Volt, CCW, 11-Tooth
Fits:
Mercury Marine 25, 30, 40HP
Yamaha Marine/ Nissan
Outboard
Note: 689, 693 Engines
Note: Both Mount Holes
Threaded
Replaces Hitachi: S108-80, S108-
80A, S108-80B
Mercury Marine: 50-84980M, 50-
96359M, 50-97693M
Yamaha: 689-818080-11, 689-
81800-12, 689-81800-13
Note: Aftermarket Unit
For OE Unit Use: S108-80B

Part Number	Description
MS-101N	Starter

MS-102N



Starter-Hitachi New
12 Volt, CCW, 13-Tooth
Used On:
Yamaha Outboard 115HP 2000-
Up
Mercury Outboard 115HP 2001-
Up
Note: 4-Stroke Engines
Replaces:
Hotachi: S114-838A
Mercury Marine: 50-881368T, 50-
881368T1, 881368T2
Yamaha: 68V-81800-00, 68V-
81800-01
Note: Aftermarket Unit
For OE Unit Use: S114-838A

Part Number	Description
MS-102N	Starter

S114-828B



Starter-Hitachi
12 Volt, 13-Teeth
Used On: Yamaha, Mercury,
Mariner
Fits: 1999-UP 80HP, 4 Stroke
1999-UP 100HP, 4 Stroke
Mercury/Mariner 90HP 4 Stroke
Replaces: S114-828B
Note: New OE Unit
For Aftermarket Unit Use:
18347N

Part Number	Description
S114-828B	Starter

Moto Guzzi

Starters

18355N



**Starter-Valeo
For Moto Guzzi
Motorcycles
12-Volt, CCW, 9-Tooth
Replaces:
Lester: 18355
Valeo: D6RA21, D6RA210
Moto Guzzi: 0307307110,
30730710,
30730711, 14730706
Bosch: 0001157006,
0001157016**

Used On:
1991-1993 750 Nevada, PA
1972-1981 850 California
1975-1977 850 LeMans
1978-1981 850 LeMans II
1981-1984 850 LeMans III
1973-1975 850 T
1975-1984 850 T3
1979-1981 850 T3 California
1980-1983 850 T4
1983-1987 850 T5
1972-1974 850GT
1988-1989 1000 C1
1984-1988 1000 LeMans
1977-1984 1000 SP
1984-1988 1000 SP II
1978-1981 CX 1000 LeMans, Mile GT,
NTX750
1969-1971 V7 700
1970-1973 V7 750 Special
1977-1980 V35
1986-1991 V35 Florida
1980-1987 V35 II
1985-1991 V35 III
1980-1987 V35 Imola
1984-1989 V35 Imola II
1984-1987 V35 TT
1982-1987 V35C
1987-1991 V40 Capri, V50
1979-1981 V50 II
1981-1987 V50 III
1981-1987 V50 Monza
1984-1987 V50 Monza II, V50 Polizia NT
1982-1987 V50C
1984-1987 V65 California, V65 Florida,
V65 II
1984-1986 V65 Lario
1982-1987 V65 SP
1984-1987 V65 TT
1986-1991 V75, V75 SP, V75 Targa
1984-1985 V85, V85 TS Polizia
1982-1992 V1000 California II
1988-1990 V1000 California III
1977-1983 V1000 Convert
1977-1984 V1000 G5

Part Number	Description
18355N	Starter

OMC

Alternators

240-209AN



**Alternator-Delco
12 Volts, 105 Amps
Heavy Duty Version Of
49-3147
Used On: Mercruiser, OMC,
Pleasurecraft
For Chrome Version Use:
49-3148**

Part Number	Description
240-209AN	Alternator-105A

49-3148



**Alternator-Delco Chrome
12 Volts, 105 Amps
Heavy Duty Version Of
49-3147
Used On: Mercruiser, OMC,
Pleasurecraft
For Non Chrome Version Use:
240-209AN**

Part Number	Description
49-3148	Alt-DR Chrome 105A

7320N



**Alternator-New
12 Volt, 42 Amps
For: Marine Application
Fits:
1968-1976 Evinrude Engines
1975-1982 Johnson Engines
1966-1974 OMC Engines
Replaces:
Prestolite: 51-271, ALK6210,
ALK6210A,
ALK6222, ALK6222A,
ALK6222AY, ALK6222AYS,
ALK6222Y
Arco: 40152**

Part Number	Description
7320N	Alternator

OMC

Starters

3183N



Starter-New
12 Volt, CW , 9-Tooth
For: Marine Applications
Replaces:
API Marine: 10040, ST40
Arco Marine: 70116
For:
Crusader Marine Various Engines
For Marine Various Engines
OMC Marine 2.3L Ford 1987-1990

Part Number	Description
3183N	Starter

49-0003



Starter-OMC/UT
12 Volt, CCW, 8-Teeth
Used On: 150-235HP Engines
Replaces:
OMC: 387094,395207
Prestolite: MJL4005
UT: 0814240, 4786240

Part Number	Description
49-0003	STARTER

49-0019



Starter-OMC/UT
12 Volt, CW
For: OMC
Used On: 150-175HP (V6 Eagle)
Replaces:
OMC 432925
UT: 5249840

Part Number	Description
49-0019	STARTER

49-0029

Starter-OMC/UT
12 Volt, CCW, 10-Teeth
Used On: 200,225,275, 300HP
Replaces:
OMC: 391511,396235,397023
UT: 5769040, 5847990

Part Number	Description
49-0029	STARTER

49-0029-1



Starter-OMC/UT (Standard Version)
12 Volt, CCW, 10-Teeth
Used On: 200,225,275, 300HP
Replaces:
OMC: 391511,396235,397023
UT: 5769040, 5847990

Part Number	Description
49-0029-1	Starter

49-0036



Starter-Evinrude, Johnson, & OMC, UT
12 Volt, CCW, 9-Teeth
Replaces:
OMC: 583473,585059
UT: 5071240, 5704940

Part Number	Description
49-0036	STARTER

49-0039



Starter-OMC/UT
12 Volt, CCW, 9-Teeth
Used On: 55-75HP Engines
Replaces:
OMC: 386657, 386671, 391735, 585197
Prestolite: MGD4106, MGD4110, MGD4115, POA4001, POA4002

Part Number	Description
49-0039	STARTER

49-0040



Starter-OMC/UT
12 Volt, CCW, 9-Teeth
Used On: 40-60HP Engines
Replaces:
OMC: 384163, 387684, 389275, 585063
UT: 1122940, 5705340

Part Number	Description
49-0040	STARTER

OMC

Starters

49-0062



Starter-OMC/UT
12 Volt, CCW, 10-Teeth
Used On: 35-140HP Engines
Replaces:
OMC: 385529, 389954, 585196
Prestolite: MKW4001
UT: 0139940, 0228940, 0246540,
0246540, 0246640, 1791640,
1791740,
2070240, 2070340, 5704740

Part Number	Description
49-0062	STARTER

49-0066



Starter-Evinrude, Johnson & OMC
12 Volt, CCW, 10-Teeth
Used On: 120-140HP Engines
Replaces:
OMC: 393570, 585060
UT: 4730920, 4730940, 5705040

Part Number	Description
49-0066	STARTER MOTOR

49-0075



Starter-OMC/UT
12 Volt For: OMC
Used On: 80HP Jet (1998)
90-115HP 60 Degree V4 Engines
(1997-1999), 100HP Commercial
Engines (1997)
Replaces:
OMC: 584980
UT: 5721740

Part Number	Description
49-0075	STARTER MOTOR

49-0078



Starter-Evinrude & OMC/UT
12 Volt, CCW, 9-Teeth
Used On: 25-50HP Engines
Replaces:
OMC: 583482, 585056
UT: 5059240, 5704640

Part Number	Description
49-0078	STARTER

49-0130



Starter-New
12 Volt, CCW, 10-Tooth
Fits
85-100HP OMC Marine
Applications
Replaces:
API Marine: MGL4108,
MOT2003E
Arco Marine: 5372X
OMC: 383575, 384194, 384914
Prestolite: 46-2034, 46-937,
MGL4008, MGL4108

Part Number	Description
49-0130	Starter

49-0150



Starter-OMC/UT
12 Volt, CCW, 10-Teeth
Used On: 9.9-15HP 4
Stroke Engines
Replaces:
OMC: 584608
UT: 5699940

Part Number	Description
49-0150	STARTER ASB

49-0151



Starter-OMC/UT
12 Volt, CCW, 10-Teeth
Used On: 25-35HP 3 CYL
Engines (1997-1999)
Replaces:
OMC 586277
UT: 5711640

Part Number	Description
49-0151	STARTER ASB

OMC

Starters

49-0153



Starter-OMC/UT
12 Volt, CCW, 11-Teeth
Used On: 25-40HP Engines
Replaces:
OMC: 278232, 378674, 379818,
380139, 381864, 385401,
386591
Prestolite: MDH4001M,
MDO4002M,
MDO4102M, MDW4002M,
MDW4104M,
MDW4204M, MSW4304M,
MGD4002C,
MGD4002M, MGD4102,
MGD4102A
UT: 0255640, 5705140

Part Number	Description
49-0153	STARTER ASB
49-0154	



Starter-OMC/UT
12 Volt, CCW, 10-Teeth
Used On: 9.9-15HP 2
Stroke Engines
Replaces:
OMC: 386430, 586276
UT: 0203323, 0203740

Part Number	Description
49-0154	STARTER ASB
49-0176	



Starter-OMC/UT
12 Volt, CCW, 9-Teeth
Used On: 60-75HP 3 Cyl Engines
Replaces:
OMC: 585197, 586281
UT: SM02610, SM10629

Part Number	Description
49-0176	Starter

49-5314



Starter-Delco Marine
12 Volt, CW, 9-Teeth
Fits: Mercruiser, OMC, Volvo,
Cobra, Yamaha
Fits: 4, 6 & 8 Cylinder Engines
Replaces:
Mercury: 50-99417A2

Part Number	Description
49-5314	Starter

49-5315



Starter-Delco Marine
12 Volt, CCW, 9-Teeth
Fits: Mercruiser, OMC, Volvo,
Cobra, Yamaha
Fits: 4, 6 & 8 Cylinder Engines

Part Number	Description
49-5315	Starter

49-5323



Starter-Delco Marine
12 Volt, CW, 9-Teeth
Fits: Mercruiser, OMC, Volvo
Fits 6 & 8 Cylinder Engines
Replaces:
Mercury: 50-12177A2
OMC: 986505
Volvo: 3850525-1

Part Number	Description
49-5323	Starter

49-5324



Starter-Delco Marine
12 Volt, CCW, 9-Teeth
Fits: Mercruiser, OMC, Volvo
Fits 6 & 8 Cylinder Engines
Replaces:
OMC: 384243

Part Number	Description
49-5324	Starter

OMC

Starters

49-5325



Starter-Delco Marine (Chrome)
12 Volt, CW, 9-Teeth
Fits: Mercruiser, OMC, Volvo
Fits 6 & 8 Cylinder Engines
Replaces:
Mercury: 50-12177A2
OMC: 986505
Volvo: 3850525-1

Part Number	Description
49-5325	Starter

49-5326



Starter-Delco Marine (Chrome)
12 Volt, CW, 9-Teeth
Fits: Mercruiser, OMC, Volvo,
Cobra, Yamaha
Fits: 4, 6 & 8 Cylinder Engines
Replaces:
Mercury: 50-99417A2

Part Number	Description
49-5326	Starter

49-5400



Starter-Delco PMGR 1.4KW
CW Rotation
For: Mercruiser, OMC, Volvo
Fits-4,6, & 8 Cylinder Engines
This Will Replace the CW 10MT &
14MT
Marine Starters

Part Number	Description
49-5400	Starter

49-5500



Starter-Delco PMGR 1.4KW
CCW Rotation
For: Mercruiser, OMC, Volvo
Fits-4,6, & 8 Cylinder Engines
This Will Replace the CCW 10MT
& 14MT
Marine Starters

Part Number	Description
49-5500	Starter

6440N



New Starter
10MT, 12 Volt, CW, 9-Tooth
High Torq Starter
For Marine Applications
Note: Does Have Center Support
Replaces:
Delco: 1108525, 1109484
Mercury Marine: 50-65785A1,
50-79604A, 50-79604A
OMC: 980821
Used On:
Crusader, Mercruiser, OMC,
Pleasurecraft, Thermo Electron
Marine Engines

Part Number	Description
6440N	Starter

6788N-B



New Starter
1.4kw, 12 Volt, CW, 11-Tooth
4-Terminal Solenoid
Used On:
Mercury Marine, OMC, Volvo-
Penta
Replaces:
Delco: 9000895, 10465606
Note: 100% New OE
Performance Torque & Output
Black Epoxy Paint

Part Number	Description
6788N-B	Starter

OMC

Starters

6791N-B



New Starter
1.4kw , 12 Volt, CW, 11-Tooth
4-Terminal Solenoid

Used On:
Mercury Mercruiser, OMC,
Volvo-Penta 3.0L , 5.0L, 5.7L,
6.2L

**Marine Engines W/14 In.
Flywheel**

Replaces:
Delco: 9000839* , 9000840* ,
9000884

* Replaces Delco PG260F1
Starters,
9000839, 9000840 W/9-Tooth
Drive

Mercury Marine: 50-807904A1,
50-863007A1

OMC: 3860566

Volvo Penta: 3860566-3

**Note: 100% New OE
Performance Torque & Output
Black Epoxy Paint**

Part Number	Description
6791N-B	Starter

Onan

Starters

103-229N



Starter-Mitsubishi
12 Volt, CCW, 9-Teeth

For: Onan Engines
B43E, B43G, B48G
Replaces: Lester 17333
John Deere AM109172
Onan: 191-1682-02

Part Number	Description
103-229N	Starter

103-238N



Starter-Mitsubishi
12 Volt, CCW, 9-Teeth

For: Onan Engines
Replaces:
Lester: 17312
Pic: 103-238
Onan: 191-1682-05, 191-1808-
05,
191-1949-05

Part Number	Description
103-238N	Starter

103-239N



Starter-Mitsubishi
12 Volt, CCW, 9-Teeth

For: Onan Engines
P-216, P-218, P-220, P-224
Replaces
Onan: 191-1682-04, 191-1804-
04,
191-1808-04, 191-1949-04

Part Number	Description
103-239N	Starter

103-365N



Starter-Mitsubishi/Onan
24 Volt, 10-Teeth, CW
Used On Onan Industrial Engines
Onan Engine MDL6 1975-2004
Replaces Onan: 191-1550
Mitsubishi# M2T65771

Part Number	Description
103-365N	Starter

18358N



Starter-Valeo
Used On: Onan Generators &
Toro Lawn Mowers
Replaces
Valeo: 432557, D6RA42

Part Number	Description
18358N	Starter

Onan

Starters

228000-5440



Starter-New OE
12 Volt, CW, 9-Teeth
Used In: Onan Applications
Replaces:
Onan: 191-2200, 0191-2200
Denso: 228000-5440
Note: OE Unit

Part Number	Description
228000-5440	Starter-New OE

49-0017



Starter-Onan/UT
12 Volt, CCW, 10-Teeth
Used On: Onan Industrial Engines
Replaces:
Onan 191-1828
UT: 5082740

Part Number	Description
49-0017	STARTER-ONAN UT

49-0033



Starter-Onan/ UT
12 Volt, CCW, 16-Teeth
Used On: Onan Industrial Engines
Replaces:
Onan 191-1630, 191-2132, 191-2158
UT: 6091740

Part Number	Description
49-0033	NEW STARTER

49-0034



Starter-Onan/UT
12 Volt, CCW, 24-Teeth
Used On: Onan Microlite RV Genset Engines
Replaces:
Onan: 191-1798
UT: 6020940

Part Number	Description
49-0034	NEW STARTER

49-7240



Starter-Onan/UT
12 Volt, CCW, 10-Teeth
Used On: B43G, B48G Engines
Replaces:
Onan:191-1567
UT: 4367240, 4379040

Part Number	Description
49-7240	STARTER MOTOR

49-9540



Starter-Onan/UT
12 Volt, CCW, 10-Teeth
Used On: Onan B43M, B48M
Replaces:
Onan: 191-0933
UT: 1079540, 4754840

Part Number	Description
49-9540	STARTER

Pleasurecraft

Alternators

240-209AN



Alternator-Delco
12 Volts, 105 Amps
Heavy Duty Version Of
49-3147
Used On: Mercruiser, OMC,
Pleasurecraft
For Chrome Version Use:
49-3148

Part Number	Description
240-209AN	Alternator-105A

49-3148



Alternator-Delco Chrome
12 Volts, 105 Amps
Heavy Duty Version Of
49-3147
Used On: Mercruiser, OMC,
Pleasurecraft
For Non Chrome Version Use:
240-209AN

Part Number	Description
49-3148	Alt-DR Chrome 105A

Pleasurcraft

Starters

6440N



New Starter
10MT, 12 Volt, CW, 9-Tooth
High Torq Starter
For Marine Applications
Note: Does Have Center Support
Replaces:
Delco: 1108525, 1109484
Mercury Marine: 50-65785A1,
50-79604A, 50-79604A
OMC: 980821
Used On:
Crusader, Mercruiser, OMC,
Pleasurecraft, Thermo Electron
Marine Engines

Part Number	Description
6440N	Starter

Polaris ATV

Drives & Drive Kits

PA-103



Starter Drive
For Polaris ATV Starters
Fits: All
Except Polaris 700 Sportsman

Part Number	Description
PA-103	STARTER DRIVE

PA-103-1



Starter Drive (Economy Version)
For Polaris ATV Starters
Fits: All
Except Polaris 700 Sportsman

Part Number	Description
PA-103-1	Drive Assy

WD-5



Starter Drive
For Polaris ATV Starters
Fits:
All Polaris 700 Sportsman

Part Number	Description
WD-5	Drive
Starters	
18563N	



Starter-ATV
12 Volt, CW, 9-Spline
For: Polaris ATV &
ATV'S & Scooters Built In
China
Used On Polaris:
2005-2010 Phoenix 200 (196cc)
2006 Sawtooth
And Other 200cc Engines
Replaces
Lester: 18563
Polaris: 0453024

Part Number	Description
18563N	Starter

PA-101G



Gasket
For: Polaris Starters
Fits: 250/300/350/400
2 Strokes
Goes With PA-101N Starter

Part Number	Description
PA-101G	Gasket

Polaris ATV

Starters

PA-101N



Starter-Mitsuba
12 Volt, CW, 9-Teeth
1985-UP 250/300/350/400
2 Stroke Engines
Replaces: SM-8, SM-13
2 Brush Mitsuba
Repair Kit: RBK-18
Brush Set: (B-2 Set)
Brushes Each: 47-8355
Brush Holder Assy: SM-13R
4 Brush Mitsuba
Repair Kit: RBK-19
Brush Set: B-1
Brush Each: 47-8360
Brush Holder Assy: SM-8
Brushes Only: 47-8365
Pos Brush Assy: 47-8366

Part Number	Description
PA-101N	NEW STARTER

PA-102N



Starter-Mitsuba
12 Volt, CW, 9-Teeth
1995-UP 325 MAG/335/425/
500 4 Stroke Engines
Replaces: SM-13
2 Brush Mitsuba
Repair Kit: RBK-15
Brush Set: (B-2 Set)
Brushes Each: 47-8355
Brush Holder Assy: SM-13R

Part Number	Description
PA-102N	NEW STARTER

PA-104N



Starter-Mitsuba
12 Volt, CW, 9-Teeth
00-UP Polaris Expeditions
ID # SM-13
4 Brush Mitsuba
Repair KitL RBK-42
Brush Set: B-12
Brush Holder Assy: SM-13

Part Number	Description
PA-104N	Starter

PA-106N



Starter-Mitsuba
12 Volt, CW, 9-Teeth
Used On: Polaris ATV
Sportsman 600 700
Repair Parts:
Rebuild Kit: RBK-29
Brushes: B-12
Brush Holder Assy: SM-13

Part Number	Description
PA-106N	Starter

PA-107N



Starter-Mitsuba
12 Volt, CCW, 10-Teeth
Used On: Polaris ATV
2001-UP Scrambler/Sportsman
50
Repair Parts:
Rebuild Kit: RBK-55
Brushes: B-9

Part Number	Description
PA-107N	Starter

PA-108N



Starter-Mitsuba
12 Volt
Used On: Polaris ATV Scrambler
2001-2003 Scrambler 90
2001-2006 Sportsman 90
2004-2006 Predator 90
Replaces: Polaris 0450533
Repair Parts:
Rebuild Kit: RBK-8
Brushes: B-9

Part Number	Description
PA-108N	Starter

Polaris ATV

Starters

PA-110N



Starter-Mitsuba
12 Volt
Used On: Polaris Predator 500
ATV 2003-2006

Replaces: Polaris 3088069
Repair Parts:
Rebuild Kit: RBK-15
Brushes: B-2

Part Number	Description
PA-110N	Starter

PA-111N



Starter-Polaris (New)
12 Volt, Mitsubishi
Used On: Polaris ATV
Fits:
2006-2007 Polaris Hawkeye 250
2008-2010 Sportsman 300
Replaces: 3089879
Lester: 18912

Part Number	Description
PA-111N	Starter-New

PA-113N



Starter-Polaris
12 Volt, CCW, 9-Spline
For:
2008-2009 Polaris ATV 450 MXR
2007-2009 Polaris Outlaw 525
Replaces:
Polaris: 4011801
ID# SM-14
Repair Kit: RBK-61

Part Number	Description
PA-113N	Starter

PA-114N



Starter-Polaris New
12 Volt, CCW, 9-Teeth
Fits:
2004-2006 Polaris Ranger
UTV 1500 2 X 4
Replaces:
Hitachi: S114-680
Polaris: 3088464

Part Number	Description
PA-114N	Starter

PA-115N



Starter-New Polaris
12 Volt, CW, 12-Teeth
Hitachi Style
Fits:
2009-2010 Polaris Sportsman XP
850
Note: Factory Sealed In Plastic
Dip
Note: 2 Sealing Rings Around
Nose Cone
Replaces:
Polaris: 4011979-479

Part Number	Description
PA-115N	Starter

Polaris Motorcycle

Starter

PS-120N



Starter-Polaris M/C
12 Volt, CCW

Used On:

Victory 1507cc Motorcycles
Classic Cruiser 1507cc 2003
Deluxe Cruiser 1507cc 2001-2002
Deluxe Cruiser Touring 1507cc 2002
Hammer 1507cc 2005
Kingpin 1507cc 2004-2005
Ness Signature Kingpin 1507cc 2005
Ness Signature Vegas 1507cc 2005
Special Edition 1507cc 2000
Sport Cruiser 1507cc 2000-2001
Standard Cruiser 1507cc 1999-2002
Touring Cruiser 1507cc 2002-2005
Vegas 1507cc 2003-2005
Vegas 8-Ball 1507cc 2005
Replaces:
Polaris/Victory : 4060155

Part Number	Description
PS-120N	Starter

Polaris PWC

Starters

49-1093



Starter-Polaris/UT
12 Volt, CCW, 9-Spline
For: 650,750,785,900,
& 1050 Engines

Replaces:
Polaris: 324-0110,401-0675

Part Number	Description
49-1093	STARTER

Polaris Snowmobile

Starters

49-0152



Starter-Polaris Snowmobile/UT
12 Volt, CW, 9-Teeth
Used On: 1996-01 All Electric
Start
Replaces: 417006
Note:
For Starter Drive Kit Use 60-1150

Part Number	Description
49-0152	STARTER ASB POL

Salt Spreader

Motors

82-7859



Salt Spreader Motor
12 Volt, CCW
For Meyer Salt Spreaders
1/2" Diameter Shaft
1/4-20 Terminal Posts
Replaces: 4854420, 4854440,
HM02223
Note: Sealed From Moisture

Part Number	Description
82-7859	Motor

Sea-Doo PWC

Starters

49-1090



Starter-Denso PMDD
12 Volt, 9-Tooth, CCW
For: Sea Doo Personal
Watercrafts
Replaces: 128000-4860,
Sea Doo: 278-000-311, 278-000-
316
Fits: 580 & 650 Engines
Repair Kit: RBK-45
Brushes: B-4, Drive: 54-8239
Brush Holder Assy: ND-S

Part Number	Description
49-1090	STARTER

49-1091



Starter-Denso PMDD
12 Volt, 9-Tooth, CCW
For: Sea Doo Personal
Watercrafts
Replaces: 22800-4550,228000-
4552
Sea Doo: 278-000-485
Fits: 580 & 650 & 720 Engines
Repair Kit: RBK-45
Brushes: B-4, Drive: 54-8239
Brush Holder Assy: ND-S

Part Number	Description
49-1091	STARTER

Sea-Doo PWC

Starters

49-1096



Starter-Denso
12 Volt, 9-Tooth, CCW
For: Sea-Doo Personal Watercrafts
Replaces: 278-000-577
Fits: 1995 XP 800 & 1996 XP,GSX & GTX
Drive: 54-8239
Repair Kit: RBK-46
Brushes Only: B-4
Brush Holder Assy: ND-S

Part Number	Description
49-1096	STARTER

49-1096-8T



Starter-Denso
12 Volt, 8-Tooth, CCW
For: Sea-Doo Personal Watercrafts
Replaces: 278-000-038,278-001-301, 278-001-497
Fits: 1997-2003 All GSX, SPX, GTXRFI, & 2003 GTI LE RFI
Note: 8 Tooth Drive
Repair Kit: RBK-46
Brushes Only: B-4
Brush Holder Assy: ND-S

Part Number	Description
49-1096-8T	8TH SEA DOO STR

49-1098



Starter-Sea-Doo/Mitsuba
12 Volt, CW, 9-Spline
Used On: Sea-Doo PWC
Fits: All 951cc Engines Including GSX, GTX, XT & LTD
Replaces:
Sea-Doo: 278-000-987

Part Number	Description
49-1098	STARTER

49-1102



Starter-Sea Doo/Mitsuba
For: Sea-Doo PWC Starter
Fits: 4-Tec, 3 Cylinder, 4 Stroke Engines
Replaces:
Sea-Doo: 290-888-999

Part Number	Description
49-1102	NEW SEA DOO STR

Ski-Doo Snowmobile

Starters

128000-1671



Starter-Denso OE
12V, 9-Tooth, CW
For: Ski-Doo Snowmobile
Replaces: 995430, 410-207-500
128000-1670, 128000-1671
Note: OE Unit
For Aftermarket Unit Use SK-101N

Part Number	Description
128000-1671	Starter-OE

49-5250



Starter-Ski-Doo Snowmobile
12-Volt
Used On:
494cc, 503cc, 597cc, 698cc, 796cc, 799cc, 1004cc Engines
2002-2006
Replaces:
Denso: 428000-1101, 428000-3530
Ski-Doo: 515-175-562, 515-175-843, 515-176-003, 515-176-133

Part Number	Description
49-5250	Starter

Ski-Doo Snowmobile

Starters

BA-110N



Starter - New
12 Volt, CCW, 9-Splines
Used In: Ski-Doo Snowmobiles
Replaces:
Lester: 18880
Bombardier: 420-684-560
Denso: 428000-3580
Used On:
2007-2008 Expedition TUV-800
2007-2008 Expedition V-800
2007-2008 Legan V-800
2007-2008 Scandic Super W-Track V800
2007-2008 Skandrick Tunda V-800

Part Number	Description
BA-110N	Starter

SK-101N



Starter-Denso New
12V, 9-Tooth, CW
For: Ski-Doo Snowmobile
1985-2000 248cc & 494cc
Engines
Replaces: 995430, 410-207-500
128000-1670, 128000-1671
Note: Aftermarket Unit
For OE Unit Use 128000-1671

Part Number	Description
SK-101N	Starter

SK-102N



Starter-New
12 Volt, CW, 9-Tooth
Used On:
1998-2002 GT700, GT800
Ski Doo Snowmobile
Replaces:
Lester: 18867
Denso: 228000-6910, 228000-6911
Bombardier: 515-175-305

Part Number	Description
SK-102N	Starter

SN-150N



New Starter
Denso, 12 Volt, CW 9-Teeth
Fits Ski Doo Snowmobiles 1996-2005
Replaces:
Bombardier: 410-209-200, 410-212-400

Part Number	Description
SN-150N	Starter

Stators

Honda

67-2608



Stator-Honda Motorcycle
Fits:
1984-1985 VF700S
1982-1983 VF750S
1983-1986 VF1100C
1984-1985 VF-1100S
Replaces:
Honda: 31200-MBO-005, 31200-MBO-015,
31200-MBO-025, 31200-MBO-405, 31120-MBO-415

Part Number	Description
67-2608	Stator

Kawasaki

67-2501



Stator-Kawasaki Motorcycle
Used On:
KZ1000P 1982-2001
KZ1000J 1981-1983
KZ1000K, -M 1982-1982
KZ1000R 1982-1983
KZ1100A, -B 1981-1983
KZ1100D 1982-1983
KZ1100L 1983
KN1100B 1984-1985
KX1100A 1983-1984
Replaces:
Kawasaki: 21003-1040, 21003-1327

Part Number	Description
67-2501	Stator

Stators

Kawasaki

67-2502



Stator-Kawasaki Motorcycle
Used On Kawasaki:
KZ550A, -C 1980-1983
KZ550D 1981
KZ550F 1983-1984
KZ550H 1982-1983
KZ550M 1983
KZ550A 1984-1986
KZ550B 1990-1993
Replaces Kawasaki:
21003-1013, 21003-1038,
21003-1256

Part Number	Description
67-2502	Stator

67-2505



Stator-Kawasaki
Used On:
Kawasaki Motorcycle
KZ900A,-B 1976-1977
KZ1000B,-D 1977-1980
KZ1000L 1978-1981
Replaces: 21076-023

Part Number	Description
67-2505	Stator

67-2609



Stator-Kawasaki
Used On:
VN1500 Vulcan 1500L A11-A-13
VN1500 Vulcan 88SE B1-B4
VN1500 Vulcan 88SE B1-B4
VN1500 Vulcan 88 A1-A
VN1500 Vulcan 88 A-A7
Replaces:
Kawasaki: 21003-1377

Part Number	Description
67-2609	Stator

Suzuki

67-2503



Stator-Suzuki Motorcycle

Used On Suzuki:

- GS450E 1983
- GS450GA 1983
- GS500E 1993-2000
- GS500ET 1989-1996
- GS550L 1980
- GS550M 1982
- GS550T 1981
- GS650E 1981-1982
- GS650G 1983
- GS650GL 1983
- GS650M 1983
- GS750S 1983
- GS750T 1982-1983
- GS850G 1982-1983
- GS850GL 1982-1983
- Replaces: 31401-45111, 31401-45120, 31401-47020, 31401-47021, 31401-47030

Part Number	Description
67-2503	Stator

67-2606



Stator-Suzuki Motorcycle

Used On:

- GS250 T 1980-1981
- GS300L 1982-1985
- GS400X 1977-1978
- GS425E 1979
- GS425L 1979
- GS450ET 1980-1982
- GS450EX 1980-1982
- GS450EZ 1980-1982
- GS450L 1980-1988
- GS450ST 1980-1982
- GS450SX 1980-1982
- GS450T 1981-1982
- GS450TX 1981-1983
- GS550E 1977-1979
- GS550L 1979
- GS750B 1977-1979
- GS750C 1977-1979
- GS750EC 1977-1979
- GS750EN 1977-1979
- GS750N 1977-1979
- Replaces: 31401-45020, 31401-4501, 31401-45030

Part Number	Description
67-2606	Stator

Stators

Yamaha

67-2500



Stator-Yamaha

Used On:

- 1997-1999 YFM350FWB Big Bear 4x4
- 2000-2001 YFM350FX Wolverine 4x4
- 1999 YFM400FW Kodiak 4x4
- Replaces: 4KB-85510-11-00

Part Number	Description
67-2500	Stator Assy

67-2504



Stator-Yamaha

Used On: Yamaha

- XV700 1986-1987
- XV750 1988-1997
- XV1100 1986-1997
- Replaces Yamaha: 1RM-81410-20-00 4PP-81410-00-00

Part Number	Description
67-2504	Stator

67-2607



Stator-Yamaha

Motorcycle

Fits:

- 1984-1985 XV700
- 1981-1983 XV750
- 1981-1983 XV920
- 1984-1985 XV1000

Replaces:

- Yamaha: 42X-81410-20-00, 4X7-81410-20-00

Part Number	Description
67-2607	Stator

Suzuki ATV

Starters

191-520N



Starter-Suzuki ATV (New)
12 Volt, Mitsuba
Used On: Suzuki ATV
Fits:
Suzuki LT-A700X King Quad 2005
Replaces: 31100-31G00

Part Number	Description
191-520N	Starter

SA-101N



Starter-Mitsuba
12 Volt, CCW, 14-Teeth
1987-UP LT80
Replaces: LT80-CS90
2 Brush Mitsuba Starters
Repair Kit: RBK-14
Brushes Only: B-9
Brush Holder Assy: SM-80

Part Number	Description
SA-101N	NEW STARTER

Suzuki ATV

Starters

SA-102N



Starter-Mitsuba (New)
12 Volt, CCW, 10-Teeth
For: Suzuki ATV
Replaces: SM-13
Fits:
2003-2004 LT160 Quadrunner
1991-1992 LT160E (M,N) Quadrunner
1989-1990 LT160E (K,L) Quadrunner
1991-1993 LT230E (M,N,P) Quadrunner
1988-1990 LT230E (J,K,L) Quadrunner
1997-2001 LT-F160
2001-2001 LT-F160 (K) Quadrunner
2000-2000 LT-F160 (Y) Quadrunner
1998-1999 LT-F160 (W,X) Quadrunner
2003-2004 LT-F160 (M,N,P,R,S,T,V)
Quadrunner
2007-2007 LT-F250
2002-2009 LT-F250 Ozark
2004-2009 LT-Z250 QuadSport
Replaces:
Lester: 18808
Suzuki: 31100-02C10, 31100-02C01,
31100-02C00, 31100-35B11, 31100-
35B10,
31100-02C02
2 Brush Mitsuba Starters
Repair Kit: RBK-2
Brushes Only:(Set B-2)
Brush Holder Assy: SM-13L

Part Number	Description
SA-102N	Starter

SA-103



Starter-Mitsuba
12 Volt, CCW, 9-Teeth
For: Suzuki ATV Starters
Fits:
1986-1987 LT-F230 Quadrunner
1985-1986 LT-F230GE Quadrunner
1986-1987 LTF230 Quadrunner
1987-1993 LT230E Quadrunner
Replaces:
Suzuki: 31100-18A00, 31100-35B00
Repair Parts
2 Brush Mitsuba Starters
ID # SM-8241
Repair Kit: RBK-15
Brushes Only: Set B-2
Brush Holder Assy: SM-13R

Part Number	Description
SA-103	Starter

SA-104N



Starter-Mitsuba (New)
12 Volt, CCW, 10-Teeth
For: 1987-UP LTF 250/300 4X4
Replaces: SM-13, SM-8, SM-14
Lester# 18807
Suzuki: 31100-19B00, 31100-19B11,
31100-19B12, 31100-19B20
2 Brush Mitsuba Starters SM-8 & SM-13
Repair Kit: RBK-2
Brushes Only Set: B-2
Brush Holder Assy: SM-13L

2 Brush Mitsuba Starters SM-14
Repair Kit: RBK-62
Brush Holder Assy: SM-14L
For Brushes Only Use: B-11

Part Number	Description
SA-104N	NEW STARTER
SA-104N	Starter

Suzuki ATV

Starters

SA-105N



Starter-Denso
12 Volt, CCW, 9-Teeth
For: 1985-89 LT250/300 E Quad Runner
Replaces: 128000-1190
Denso Starters
Repair Kit: RBK-4
Brushes Only: B-4
Brush Holder Assy: ND-L

Part Number	Description
SA-105N	NEW STARTER

SA-106N



Starter-Mitsuba
12 Volt, CW, 9-Splines
Fits:
2000-2007 Suzuki LT-A500F ATV
1998-2007 Suzuki LT-F500F ATV
2004-2004 Suzuki LT-A500FB ATV
2004-2004 Suzuki LT-A500FC ATV
Replaces:
Lester: 18796
Suzuki: 31100-44D10, 31100-44D20,
31100-44D21
Repair Parts:
Repair Kit: RBK-42
Brush Holder Assy: SM-13
Brush Set: B-12

Part Number	Description
SA-106N	Starter

SA-108N



New Starter
Suzuki ATV
12 Volts, CW, 9-Spline
For:
2003-2009 LT-Z400 Suzuki ATV
2003-2009 LT-Z400Z Suzuki ATV
Replaces:
Lester: 18718
Suzuki: 31100-29F00

Part Number	Description
SA-108N	Starter

SA-110N



New Starter
For: Suzuki ATV
12 Volt, CW, 10-Spline
2002-2009 Suzuki ATV LT-A400
2002-2009 Suzuki ATV LT-A400F
2002-2009 Suzuki ATV LT-F400F
2003-2005 Suzuki ATV LT-A400C
2002-2008 Suzuki ATV LT-F400
Replaces:
Lester: 18809, 18840
Suzuki: 31100-38F00
Repair Parts:
For OE Starters
Repair Kit: RBK-66
Brush Holders Assy: SM-14R
For Aftermarket Starters
Repair Kit: RBK-66A
Brush Holder Assy: SM-13L
Brush Set Only: B-2

Part Number	Description
SA-110N	Starter

SA-111N



Starter-Suzuki
12 Volt, CW 9-Spline
Used On:
2006-2009 LT-R450
2008-2009 LT-R450Z
Replaces:
Suzuki: 31100-45G00
Denso: 428000-4220

Part Number	Description
SA-111N	Starter

SA-112N



Starter-New
12 Volt, CW, 9-Spline
Mitsuba
Used On:
Suzuki ATV
2007-2009 LT-A450X
2008-2009 LT-A450XZ
2009 LT-A500XP, LT-A500XPZ
Replaces:
Suzuki: 31100-11H00

Part Number	Description
SA-112N	Starter

Suzuki ATV

Starters

SA-113N



Starter-New
12 Volt, CW, 9-Spline
For: Suzuki ATV
Fits:
2005-2007 Suzuki ATV LT-A700X
King Quad
2008-2009 Suzuki ATV LT-A750X, -Z King Quad
Replaces:
Lester: 18810
Suzuki: 31100-31G00

Part Number	Description
SA-113N	Starter

Suzuki Marine

Starters

49-3240



Starter-Marine
12 Volt, CCW, 9-Tooth
Used On: Mercury, Suzuki, Yamaha
For: 40-60HP Marine Engines
Replaces:
Hitachi: S114-220, S114-221
Mercury: 50-81490M, 50-92669M, 50-97072, 50-97072-T
Suzuki: 31300-95240
Yamaha: 676-81800-10-00, 697-81800-10-00, 697-81800-11-00, 697-81800-12-00, 697-81800-13-00
Note: For OE Unit Use: S114-221J

Part Number	Description
49-3240	Starter

MS-103N



Starter-Hitachi Marine
12 Volt, CCW, 9-Tooth
Used On:
Suzuki Marine Engines DT115,
140
Replaces:
Hitachi: S114-437, S114-673
Suzuki: 31100-94600, 31100-
94601
Note: Aftermarket Unit
For OE Unit Use: S114-673

Part Number	Description
MS-103N	Starter

S108-120



Starter-Hitachi
12 Volt, 9-Tooth
For: Suzuki 30-40HP
Marine Engines
Replaces: S108-94, S108-112

Part Number	Description
S108-120	Starter

S114-555



Starter-Hitachi
12 Volt, 9-Tooth
For: Suzuki 78,85HP
Marine Engines
Replaces: S108-555,
31100-95600,-95601

Part Number	Description
S114-555	Starter
S114-555	Starter

S114-673



Starter-Hitachi OE
12 Volt,
For: Suzuki 115, 140HP
Marine Engines
Replaces: S114-437,S114-673
Suzuki: 31100-94600,-94601,
-94610
Note: OE Unit
For Aftermarket Use: MS-103N

Part Number	Description
S114-673	Starter

Suzuki Marine

Starters

S114-674



Starter-Hitachi
12 Volt, 8-Tooth
For: Suzuki 150,200,225HP
Marine Engines
Replaces: S114-551,S114-674
Suzuki: 31100-87D00,
31100-87D10, 31100-92E00,
Nissan: 23300-K4805

Part Number	Description
S114-674	Starter

Suzuki Motorcycle

Starters

18733N



Starter-Suzuki Motorcycle
Used On:
97-05 GSF1200S Bandit
1997 GSF1200SA Bandit
91-93 GSX1100G
89-92 GSX-R1100
Replaces: 31100-26D00,
31100-26D010, 31100-40C00,
31100-40C02

Part Number	Description
18733N	Starter

SA-106N



Starter-Mitsuba
12 Volt, CW, 9-Splines
Fits:
1996-2000 Suzuki DR650SE
Motorcycle
Replaces:
Lester: 18796
Suzuki: 31100-44D10, 31100-
44D20,
31100-44D21
Repair Parts:
Repair Kit: RBK-42
Brush Holder Assy: SM-13
Brush Set: B-12

Part Number	Description
SA-106N	Starter

SA-108N



New Starter
Suzuki Motorcycle
12 Volts, CW, 9-Spline
For:
2000-2007 DR-Z400E Suzuki
Motorcycle
2000-2004 DR-Z400 Suzuki
Motorcycle
2000-2009 DR-Z400S Suzuki
Motorcycle
2005-2008 DR-Z400SM Suzuki
Motorcycle
Replaces:
Lester: 18718
Suzuki: 31100-29F00

Part Number	Description
SA-108N	Starter

SS-10



Starter-Mitsuba
12 Volt, CCW, 9-Teeth
For: 1985 GS700,
1983 GS 750 ED/ESD
Replaces: SM-8224
2 Brush Mitsuba Starters
Repair Kit: RBK-15
Brushes Set: B-2
Brushes Each: 47-8355
Brush Holder Assy: SM-13R

Part Number	Description
SS-10	STARTER

SS-11



Starter-Mitsuba
12 Volt, CCW, 10-Teeth
1985-UP GV 700-1200 MADURA
Replaces: SM-8236
4 Brush Mitsuba Starters
Repair Kit: RBK-1
Brushes Only:(Set B-1) Each 47-
8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
SS-11	STARTER

Suzuki Motorcycle

Starters

SS-12



Starter-Mitsuba
12 Volt, CCW, 9-Teeth
For: 1986-1987 GSXR 750
Replaces: SM-8
4 Brush Mitsuba Starters
Repair Kit: RBK-12
Brushes Only:(Set B-1) Each 47-
8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
SS-12	STARTER

SS-13



Starter-Denso
12 Volt, CCW, 10-Teeth
For: 1988-1992 GSXR 750
1989-1997 GSX750
ALL GS500E
2 Brush Denso Starters
Repair Kit: RBK-4
Brushes Only:B-4
Brush Holder Assy: ND-L

Part Number	Description
SS-13	STARTER

SS-14N



Starter-Mitsuba (New)
12 Volt, CCW, 9-Teeth
For:1996-1998 GSXR 750
Replaces: SM-14
Suzuki: 31100-33E00
No Repair Parts

Part Number	Description
SS-14N	Starter

SS-15



Starter-Denso
12 Volt, CW, 9-Teeth
For:1993-1996 GSXR 1100
No Repair Parts

Part Number	Description
SS-15	STARTER

SS-16



Starter-Denso
12 Volt, CCW, 9-Teeth
For: 1980-1982 GS 550
1981-1982 GS 650E
1980-1983 GS 750E
1980-1983 GS 850G
1980-1982 GS 1000
1980-1984 GS 1100
2 Brush Denso Starters
Repair Kit: RBK-4S
Brushes Only:B-4
Brush Holder Assy: ND-L

Part Number	Description
SS-16	STARTER

SS-17



Starter-Denso
12 Volt, CW, 9-Teeth
For:1986-UP VS700/750
INTRUDER
No Repair Parts

Part Number	Description
SS-17	STARTER

SS-18



Starter-Suzuki
12 Volt, CW, 9-Teeth
For:1987-UP VL 1500 Intruder
Repair Kit
RBK-60

Part Number	Description
SS-18	STARTER

SS-19



Starter-Denso
12 Volt, CCW, 10-Teeth
For: 1984-1986 GS1150
2 Brush Denso Starters
Repair Kit: RBK-4
Brushes Only:B-4
Brush Holder Assy: ND-L

Part Number	Description
SS-19	Starter

Suzuki Motorcycle

Starters

SS-1N



Starter-Mitsuba (New)
12 Volt, CCW, 9-Teeth
For: 1994-UP GN 125, DR125
No Repair Parts For This Unit

Part Number	Description
SS-1N	NEW STARTER

SS-21



Starter-Mitsuba
12 Volt, CCW, 9-Teeth
For: ALL GS 750/850/1000
Replaces: SM-229
2 Brush Mitsuba Starters
Repair Kit: RBK-49
Brushes Set Only:B-5

Part Number	Description
SS-21	Starter

SS-22



Starter-(Reman)
12 Volt, PMDD
Fits:
1986-2009 LS650 F,P
Replaces:
Suzuki: 31100-24B00, 31100-24B10,
31100-24B11, 31100-24B11-H17,
31100-07F00
Denso: 128000-4981, 228000-6490
Lester: 18785
Repair Parts:
Parts For Unit 128000-4981
Repair Kit: RBK-70
Brush Holder: SM-13
Brush Set: B:12

Parts For Unit 228000-6490
Repair Kit: RBK-71
Brush Holder Assy: ND-4

Part Number	Description
SS-22	Starter

SS-23N



Starter-New
12 Volt, 9-Spline, (Short Shaft)
Fits:
GSX1300R Hayabusa 1298cc (2001-2003)
GSX1300R 1298cc (1999-2000)
GSX1300R Hayabusa 1298cc (1999-2000)
Replaces:
Suzuki: 31100-24F00, 31100-24F01
Denso: 228000-8480, 228000-8481
Note: Long Shaft Version Is Part # SS-33

Part Number	Description
SS-23N	Starter

Suzuki Motorcycle

Starters

SS-26



Starter-Suzuki
12 Volt, PMDD
Used On:
2000-2006 GSF600S
1998-2005 GSX750F
1998-2003 GSX600F
Replaces: 31100-32C11

Part Number	Description
SS-26	Starter

SS-27



Starter-Suzuki Motorcycle
12 Volts, CCW, 9-Spline
Fits:
2001-2008 GSX-R1000
Replaces:
Suzuki: 31100-40F00

Part Number	Description
SS-27	Starter

SS-28



Starter-Suzuki
For:
1992-2005 Suzuki DR650
Replaces:
31100-32E00
31100-32E01
31100-12D01
Repair Parts
Repair Kit: RBK-42
Brush Set: B-12
Brush Holder Assy: SM-13

Part Number	Description
SS-28	Starter

SS-29



Starter-Suzuki M/C
For:
1997-2003 VZ-800
Replaces:
31100-48E00
Repair Parts
Repair Kit: RBK-2
Brushes: B-2
Brush Holder Assy: SM-13L

Part Number	Description
SS-29	Starter

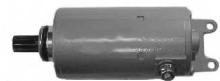
SS-2N



Starter-Denso
12 Volt, CCW, 9-Teeth
1982-1988 GN250
2 Brush Denso Starters
Repair Kit: RBK-4
Brushes Only: B-4
Brush Holder Assy: ND-L

Part Number	Description
SS-2N	NEW STARTER

SS-3



Starter-Suzuki Motorcycle
12 Volt, CCW, 9-Teeth
For: **1980-1981 GS250**
No Repair Parts For This Unit

Part Number	Description
SS-3	STARTER

SS-30



Starter-Suzuki
12 Volt, Mitsuba
For: **1972-1977 GT550**
Suzuki Motorcycles
Replaces: **311100-34020**

Part Number	Description
SS-30	Starter

Suzuki Motorcycle

Starters

SS-33N



Starter-New
12 Volt, 9-Spline
(Long Shaft Version)
For:
GSX1300R Hayabusa 1298cc
2004-2007
Replaces:
Suzuki: 31100-24F10
For Short Shaft Version
Use Part # SS-23N

Part Number	Description
SS-33N	Starter

SS-34



Starter- Yamaha
12 Volt, CCW, 10-Spline
Unit ID: SM-14
For: **Yamaha Motorcycle**
Fits:
1997-1999 DR350SE
1990-1996 DR350SET
Replaces:
Lester: 18747
Suzuki: 31100-15D10
Repair Parts:
Repair Kit: RBK-23
Brush Set: B-11
Brush Holder Assy: SM-14L

Part Number	Description
SS-34	Starter

SS-4



Starter-Denso
12 Volt, CCW, 9-Teeth
1980-1983 GS 300-450
1980-1983 GS650
2 Brush Denso Starters
Repair Kit: RBK-4S
Brushes Only: B-4
Brush Holder Assy: ND-L

Part Number	Description
SS-4	STARTER

SS-5



Starter-Mitsuba
12 Volt, CCW, 9-Teeth
1980-1982 GS550
1981-1982 GS650E
1980-1983 GS750E
1980-1983 GS850G
1980-1982 GS1000
1980-1984 GS1100
Replaces: SM-8210
4 Brush Mitsuba Starters
Repair Kit: RBK-40
Brushes Only:(Set B-1) Each 47-8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
SS-5	STARTER

SS-6



Starter-Denso
12 Volt, CCW, 9-Teeth
1983-UP GS550
2 Brush Denso Starters
Repair Kit: RBK-4
Brushes Only:B-4
Brush Holder Assy: ND-L

Part Number	Description
SS-6	STARTER

SS-7N



Starter-Mitsuba (New)
12 Volt, CCW, 9-Teeth
For: 1988-1997 GSX 600 Katana
Replaces: SM-13
2 Brush Mitsuba Starters
Repair Kit: RBK-2
Brushes Only:B-2
Brush Holder Assy: SM-13L

Part Number	Description
SS-7N	Starter

Suzuki Motorcycle

Starters

SS-8



Starter-Mitsuba
12 Volt, CCW
For:1997-1999 GSXR 600
No Repair Parts

Part Number	Description
SS-8	STARTER

SS-9



Starter-Mitsuba
12 Volt, CCW, 9-Teeth
For:1983 GR 650 Tempter
Replaces: SM-8227
4 Brush Mitsuba Starters
Repair Kit: RBK-40
Brushes Only:(Set B-1) Each 47-8360
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Set Assy: 47-8366

Part Number	Description
SS-9	STARTER

Tecumseh

Starters

47-0023



Starter-Tecumseh
12 Volt, CCW, 10-Teeth
Used On: Tecumseh OHV110-130 Engines
Replaces: 36914, 37425

Part Number	Description
47-0023	TEC STARTER

48-2509



Starter-Kohler
12 Volt, CCW, 10-Teeth
Used On: Kohler-CV12.5, CV14
Replaces:
1209810,2509803,2509804,
2509805,2509806,2509807

Part Number	Description
48-2509	STARTER

Tecumseh

Starters

49-3607



Starter-Tecumseh
12 Volt, CCW, 9-Teeth
Used On: H30-35, H40-50,
OHH50-55 Engines
Replaces: 33607

Part Number	Description
49-3607	Starter-Tec

49-3830



Starter-Tecumseh
110 Volt, CCW, 9-Teeth
Used On: HSK840-850 Engines
Replaces: 590670

Part Number	Description
49-3830	STARTER

49-3835



Starter-Tecumseh
12 Volt, CCW, 11-Teeth
Used On: HH-100-120,
OH120-180 Engines
Replaces: 33835
Can Also Replace:
32817, 32510

Part Number	Description
49-3835	STARTER

Tecumseh

Starters

49-5765



Starter-Tecumseh
12 Volt, CCW, 16-Teeth
Used On: TVM125-140,
H50-70 Engines
Replaces: 35765A

Part Number	Description
49-5765	STARTER

49-6680



Starter-Tecumseh
12 Volt, CCW, 16-Teeth
Used On: TVM, TVXL170-220;
OVM, OVXL120, HM70-100
Engines
Replaces: 35763A, 36680

Part Number	Description
49-6680	STARTER

49-6795



Starter-Tecumseh
12 Volt, CCW, 10-Teeth
Used On: OHV135-165 Engines
Replaces: 36795

Part Number	Description
49-6795	STARTER

Tecumseh

Starters

49-7001



Starter-Kawasaki
12 Volt, CCW, 10-Teeth
Kawasaki# 21163-7001,
21196-7010

Part Number	Description
49-7001	Starter

Tecumseh

Starters

49-9094



Starter-Tecumseh
12 Volt, CW, 9-Teeth
Used On: TVS105-120,
LEV115
Replaces: 35709

Part Number	Description
49-9094	STARTER ASB

5893N



Starter-Tecumseh
12 Volt, CCW, 10-Teeth
Used On: OV691EA, EP,
TVT691, VTX691 Engines
Replaces:
Tecumseh: 37284

Part Number	Description
5893N	Starter

Tecumseh

Starters

TC-110N



Starter-Tecumseh
110 Volt, CCW, 16-Tooth
Used On:
HM, HMS70-100, OHM,
OHSK120 Engines
Replaces:
33329

Part Number	Description
TC-110N	Starter

Tecumseh

Starters

TC-111N



Starter-New
For Tecumseh
110 Volt
Used On: HS, HSSK40-50,
OHSK50-60 Engines
Replaces:
Tecumseh: 33290, 33290D,
33290E, 33517

Part Number	Description
TC-111N	Starter

TC-112N



Starter-Tecumseh
110 Volt, CCW, 16-Tooth
Used On: TVM125-140, H,
HSK50-70, HSK635 Engines
Replaces:
Tecumseh: 33328

Part Number	Description
TC-112N	Starter

Thermo Electron

Starters

6440N



New Starter
10MT, 12 Volt, CW, 9-Tooth
High Torq Starter
For Marine Applications
Note: Does Have Center Support
Replaces:
Delco: 1108525, 1109484
Mercury Marine: 50-65785A1,
50-79604A, 50-79604A
OMC: 980821
Used On:
Crusader, Mercruiser, OMC,
Pleasurecraft, Thermo Electron
Marine Engines

Part Number	Description
6440N	Starter

Tiger Shark PWC

Starters

49-1097



Starter-Arctic Cat / Tiger Shark
12 Volt, CW, 9-Spline
Used On: Arctic Cat/Tiger Shark
PWC
Fits: 640, 770 Twin, 900,
1000 & 1100
Replaces:
Arctic Cat: 3008-327, 3008-093,
3008-462, 3008-536
Lester: 18435
Repair Parts:
Repair Kit: RBK-29
Brush Holder Assy: SM-13
Brush Set: B-12

Part Number	Description
49-1097	STARTER

Tohatsu

Starters

S114-667



Starter-Hitachi
12 Volt, 9-Tooth
For: Tohatsu 45-140HP
Marine Engines
Replaces: S108-415,S114-571,
S114-667
Tohatsu# 353-76010-1A0,
-4, -300

Part Number	Description
S114-667	Starter

Toro

Starters

18358N



Starter-Valeo
Used On: Onan Generators &
Toro Lawn Mowers
Replaces
Valeo: 432557, D6RA42

Part Number	Description
18358N	Starter

19617N



Starter- New
12 Volt, CCW, 9-Tooth
Used On:
Toro Lawn Equipment With
Mitsubishi 3 Cylinder Gas Engine
Replaces:
Lester: 19617
Denso: 228000-1870
Mitsubishi: MD184420

Part Number	Description
19617N	Starter

Triumph Motorcycle

Starters

TS-101N



Starter-New OE
12 Volts, .07 KW, 10-Splines
For: Triumph Motorcycle
Applications
Replaces: 1310000, 131000-
T0301
128000-8630
Note: Manufactured By OE
Supplier
Repair Parts
Repair Kit: RBK-68
Brush Holder Assy: ND-S
Brush Set Only: B-4

Part Number	Description
TS-101N	Starter-New OE

Volvo Marine

Starters

49-5314



Starter-Delco Marine
12 Volt, CW, 9-Teeth
Fits: Mercruiser, OMC, Volvo,
Cobra, Yamaha
Fits: 4, 6 & 8 Cylinder Engines
Replaces:
Mercury: 50-99417A2

Part Number	Description
49-5314	Starter

49-5315



Starter-Delco Marine
12 Volt, CCW, 9-Teeth
Fits: Mercruiser, OMC, Volvo,
Cobra, Yamaha
Fits: 4, 6 & 8 Cylinder Engines

Part Number	Description
49-5315	Starter

Volvo Marine

Starters

49-5323



Starter-Delco Marine
12 Volt, CW, 9-Teeth
Fits: Mercruiser, OMC, Volvo
Fits 6 & 8 Cylinder Engines
Replaces:
Mercury: 50-12177A2
OMC: 986505
Volvo: 3850525-1

Part Number	Description
49-5323	Starter

49-5324



Starter-Delco Marine
12 Volt, CCW, 9-Teeth
Fits: Mercruiser, OMC, Volvo
Fits 6 & 8 Cylinder Engines
Replaces:
OMC: 384243

Part Number	Description
49-5324	Starter

49-5325



Starter-Delco Marine (Chrome)
12 Volt, CW, 9-Teeth
Fits: Mercruiser, OMC, Volvo
Fits 6 & 8 Cylinder Engines
Replaces:
Mercury: 50-12177A2
OMC: 986505
Volvo: 3850525-1

Part Number	Description
49-5325	Starter

49-5326



Starter-Delco Marine (Chrome)
12 Volt, CW, 9-Teeth
Fits: Mercruiser, OMC, Volvo,
Cobra, Yamaha
Fits: 4, 6 & 8 Cylinder Engines
Replaces:
Mercury: 50-99417A2

Part Number	Description
49-5326	Starter

49-5400



**Starter-Delco PMGR 1.4KW
CW Rotation**
For: Mercruiser, OMC, Volvo
Fits-4,6, & 8 Cylinder Engines
This Will Replace the CW 10MT &
14MT
Marine Starters

Part Number	Description
49-5400	Starter

49-5500



**Starter-Delco PMGR 1.4KW
CCW Rotation**
For: Mercruiser, OMC, Volvo
Fits-4,6, & 8 Cylinder Engines
This Will Replace the CCW 10MT
& 14MT
Marine Starters

Part Number	Description
49-5500	Starter

6788N-B



New Starter
1.4kw , 12 Volt, CW, 11-Tooth
4-Terminal Solenoid
Used On:
Mercury Marine, OMC, Volvo-
Penta
Replaces:
Delco: 9000895, 10465606
Note: 100% New OE
Performance Torque & Output
Black Epoxy Paint

Part Number	Description
6788N-B	Starter

Volvo Marine

Starters

6791N-B



New Starter
1.4kw , 12 Volt, CW, 11-Tooth
4-Terminal Solenoid
Used On:
Mercury Mercruiser, OMC,
Volvo-Penta 3.0L , 5.0L, 5.7L,
6.2L
Marine Engines W/14 In.
Flywheel
Replaces:
Delco: 9000839* , 9000840* ,
9000884
* Replaces Delco PG260F1
Starters,
9000839, 9000840 W/9-Tooth
Drive
Mercury Marine: 50-807904A1,
50-863007A1
OMC: 3860566
Volvo Penta: 3860566-3
Note: 100% New OE
Performance Torque & Output
Black Epoxy Paint

Part Number	Description
6791N-B	Starter

Yamaha ATV

Starters

18757N



Starter-Mitsuba
12 Volt
For: Yamaha ATV & Motorcycle
Fits: Yamaha YFM350 Bruin ATV
2004-2006
ZF600R Street Bike 2000-2005
Replaces:
Yamaha: 3HE-81890-00-00
Pic # 191-381
Lester # 18757

Part Number	Description
18757N	Starter

18761N



Starter-Mitsuba
12 Volt
For: Yamaha ATV
Fits: Yamaha YZF450 2004-2007
Replaces:
Yamaha: 5TG-81800-00-00
Pic # 191-379
Lester # 18761

Part Number	Description
18761N	Starter

YA-101N



Starter-Denso
12 Volt, CW, 9-Teeth
For: 1985-UP YFM 80/100
ID# 55X
2 Brush Denso
Repair Kit: RBK-8
Brush Set: B-6

Part Number	Description
YA-101N	NEW STARTER

YA-102N



Starter-Mitsuba (New)
12 Volt, CCW, 9-Teeth
Used On: 1989-1995 Breeze 125
ID# 3FA
2 Brush Mitsuba
Repair Kit: RBK-9
Brush Set: B-7

Part Number	Description
YA-102N	Starter

YA-103N



Starter-Mitsuba
12 Volt, CCW, 9-Teeth
For: 1983-1989 YFM 200
1983-1985 YFM 225
1992-1996 YFB 250
1986-1988 YFM 225
1989-1991 YFM 250
Replaces: SM-7255, SM-59V
2 Brush Mitsuba
Repair Kit: RBK-10
Brush Set: B-8

Part Number	Description
YA-103N	NEW STARTER

Yamaha ATV

Starters

YA-105N



Starter-Denso
12 Volt, CCW, 9-Teeth
Used On: YFM 350, YFP 350, YFM400
Replaces: 128000-4990
ID# 1UY
2 Brush Denso
Repair Kit: RBK-4N
Brush Set: B-4
Brush Holder Assy: ND-L
Note: YA-105N
Has Horizontal Bolt Mounts

Part Number	Description
YA-105N	NEW STARTER

YA-106N



Starter-Denso
12 Volt, CW, 9-Teeth
Used On: YFM 350
ID# 4KB
2 Brush Denso
Repair Kit: RBK-13
Brush Set: B-4
Brush Holder Assy: ND-L
Note: YA-106N
Has Vertical Bolt Mounts

Part Number	Description
YA-106N	NEW STARTER

YA-107N



Starter-Mitsuba (New)
12 Volt, CCW, 9-Teeth
Used On: Grizzly Kodiak
Replaces: SM-13
4 Brush Mitsuba
Repair Kit: RBK-42
Brush Set: B-12
Brush Holder Assy: SM-13

Part Number	Description
YA-107N	Starter

YA-108N



Starter-Mitsuba
12 Volt, CW, 22-Teeth
Used On: Yamaha Raptor
YFM660
ID# SM-13
4 Brush Mitsuba
Repair Kit: RBK-29
Brush Set: B-12
Brush Holder Assy: SM-13

Part Number	Description
YA-108N	Starter

Yamaha Marine

Alternators

12176N



Alternator-Mando Marine
12 Volt, 65 Amp, I/R
Used On Mercury Marine,
Yamaha
Replaces:
AC165610, AC165616, 805447T,
805884,
805884-P, 805884-T

Part Number	Description
12176N	Alternator

293-18N



Alternator-Mando Marine
12 Volt, 55 Amp, I/R
Used On Mercury Marine,
Yamaha
Replaces:
817119-2, AOOB0331,
AC155603,
3850927-9, 3854809-5

Part Number	Description
293-18N	Alternator

Yamaha Marine

Starters

18311N



Starter-Hitachi
For OE Version Use: S108-97A
12 Volt, CCW, 9-Tooth
For: Yamaha Marine 6H3 Engine
Replaces:
Api Marine: MOT5001,
MOT5001N
Arco: 3422
Hitachi: S108-97, S108-97A
Yamaha: 6H3-81800-10, 6H3-
81800-11

Part Number	Description
18311N	Starter

18347N



Starter-Hitachi
12 Volt, 13-Teeth
Used On: Yamaha, Mercury,
Mariner
Fits: 1999-UP 80HP, 4 Stroke
1999-UP 100HP, 4 Stroke
Mercury/Mariner 90HP 4 Stroke
Replaces: S114-828B
Note: Aftermarket Unit
For OE Unit Use: S114-828B

Part Number	Description
18347N	Starter

49-3240



Starter-Marine
12 Volt, CCW, 9-Tooth
Used On: Mercury, Suzuki,
Yamaha
For: 40-60HP Marine Engines
Replaces:
Hitachi: S114-220, S114-221
Mercury: 50-81490M, 50-
92669M,
50-97072, 50-97072-T
Suzuki: 31300-95240
Yamaha: 676-81800-10-00
697-81800-10-00, 697-81800-11-
00,
697-81800-12-00, 697-81800-13-
00
Note: For OE Unit Use: S114-
221J

Part Number	Description
49-3240	Starter

49-5314



Starter-Delco Marine
12 Volt, CW, 9-Teeth
Fits: Mercruiser, OMC, Volvo,
Cobra, Yamaha
Fits: 4, 6 & 8 Cylinder Engines
Replaces:
Mercury: 50-99417A2

Part Number	Description
49-5314	Starter

49-5326



Starter-Delco Marine (Chrome)
12 Volt, CW, 9-Teeth
Fits: Mercruiser, OMC, Volvo,
Cobra, Yamaha
Fits: 4, 6 & 8 Cylinder Engines
Replaces:
Mercury: 50-99417A2

Part Number	Description
49-5326	Starter

Yamaha Marine

Starters

MS-101N



Starter-Hitachi
12 Volt, CCW, 11-Tooth
Fits:
Mercury Marine 25, 30, 40HP
Yamaha Marine/ Nissan
Outboard
Note: 689, 693 Engines
Note: Both Mount Holes
Threaded
Replaces Hitachi: S108-80, S108-
80A, S108-80B
Mercury Marine: 50-84980M, 50-
96359M, 50-97693M
Yamaha: 689-818080-11, 689-
81800-12, 689-81800-13
Note: Aftermarket Unit
For OE Unit Use: S108-80B

Part Number	Description
MS-101N	Starter

MS-102N



Starter-Hitachi New
12 Volt, CCW, 13-Tooth
Used On:
Yamaha Outboard 115HP 2000-
Up
Mercury Outboard 115HP 2001-
Up
Note: 4-Stroke Engines
Replaces:
Hotachi: S114-838A
Mercury Marine: 50-881368T, 50-
881368T1,
881368T1, 881368T2
Yamaha: 68V-81800-00, 68V-
81800-01
Note: Aftermarket Unit
For OE Unit Use: S114-838A

Part Number	Description
MS-102N	Starter

S106-07F



Starter-Hitachi
12 Volt, 10-Teeth
For: Yamaha
1984-1997 9.9-15HP
1988-1998 25HP
Replaces:
Hitachi: S106-07B, E, F
Note: New OE Unit
For Aftermarket Unit Use: YM-4N

Part Number	Description
S106-07F	Starter

S108-80B



Starter-Hitachi
12 volt, CCW, 11-Tooth
Used On: Yamaha Marine/
Nissan Outboard 689, 693
Engines
Mercury Marine: 25, 30, 40HP
Note: Both Mounting Holes
Threaded
Replaces:
Arco: 3420
Hitachi: S108-80A, S108-80B
Note: OE Unit
For Aftermarket Use: MS-101N

Part Number	Description
S108-80B	Starter

S108-87A



Starter-Hitachi
12 Volt, 11-Teeth
For: Yamaha Marine
1987-UP 30HP
1989-UP 40-50HP
Replaces: S108-87A
Note: New OE Unit

Part Number	Description
S108-87A	Starter

Yamaha Marine

Starters

S108-97A



Starter-Hitachi
12 Volt, 9-Teeth
For: Yamaha Marine
1984-UP 70HP
1991-UP 60HP, 2-Stroke
Replaces:
Hitachi: S108-97, A
Yamaha: 6H3-81800-10, -11
Note: New OE Unit

Part Number	Description
S108-97A	Starter

S108-99B



Starter-Hitachi OE
12 Volt, 9-Teeth
For: 1984-1988 40-50HP
Replaces:
Hitachi: S108-99B
Yamaha: 6H4-81800-10, 6H4-
81800-11,
6H4-81800-12
Note: New OE Unit
For Aftermarket Use: YM-5N

Part Number	Description
S108-99B	Starter

S114-221J



Starter-Hitachi
12 Volt, CCW, 9-Tooth
Fits: Yamaha, Mariner
55-60HP 2-Cycl, 2 Stroke
Engines
Replaces: S114-220, S114-221,
S114-221, E, F, G, H, J
Yamaha: 676-81800-10,
697-81800-10,-11,-12,-13
Note: New OE Unit

Part Number	Description
S114-221J	Starter

S114-263B



Starter-Hitachi
12 Volt, 9-Teeth
For: Yamaha
1994-1999 75HP
1991-1996 85HP
1984-UP 90HP
Replaces:
Hitachi: S114-263B
Note: New OE Unit

Part Number	Description
S114-263B	Starter

S114-323C



Starter-Hitachi
12 Volt, CCW, 9-Teeth
For: Yamaha
1984-1996 115-200HP, 2 Stroke
1995-2000 40-50HP, 4 Stroke
Replaces:
Hitachi: S114-323, A
Yamaha: 6E5-81800-11
Note: New OE Unit

Part Number	Description
S114-323C	Starter

S114-559B



Starter-Hitachi
12 Volt, 9-Teeth
For: Yamaha 1998-UP V200
1994-UP 225HP
1990-UP 250HP
Replaces:
Hitachi: S114-559B
Note: New OE Unit
For Aftermarket Use YM-1N

Part Number	Description
S114-559B	Starter

S114-660B



Starter-Hitachi
12 Volt, 9-Teeth
Used On: Yamaha
115-225HP 2 Stroke Engines
Replaces:
Hitachi: S114-552, S114-660,B
Note: New OE Unit

Part Number	Description
S114-660B	Starter

Yamaha Marine

Starters

S114-828B



Starter-Hitachi
12 Volt, 13-Teeth
Used On: Yamaha, Mercury,
Mariner
Fits: 1999-UP 80HP, 4 Stroke
1999-UP 100HP, 4 Stroke
Mercury/Mariner 90HP 4 Stroke
Replaces: S114-828B
Note: New OE Unit
For Aftermarket Unit Use:
18347N

Part Number	Description
S114-828B	Starter

S114-836A



Starter-Hitachi OE
12 Volt, 13-Teeth
For: Yamaha Marine
Fits: 2000-UP LZ 150-175HP
2000-UP VZ 150-175HP
2000-UP Z 150-175HP
2000-UP LZ200-Z200HP
Replaces: S114-836A
Yamaha: 68F-81800-00, 68F-
81800-01,
68F-81800-02
Note: New OE Unit
For Aftermarket Unit Use: YM-6N

Part Number	Description
S114-836A	Starter

S114-838A



Starter-Hitachi
12 Volt, 13-Teeth
For: Yamaha Marine
Fits: 2000-UP F115, 4-Stroke
2000-UP LF115, 4 Stroke
Replaces: S114-838A
Note: New OE Unit
For Aftermarket Unit Use: MS-
102N

Part Number	Description
S114-838A	Starter

YM-1N



Starter-Hitachi
12 Volt, 9-Teeth
For: Yamaha 1998-UP V200
1994-UP 225HP
1990-UP 250HP
Replaces:
Hitachi: S114-559B
Note: Aftermarket Unit
For OE Unit Use: S114-559B

Part Number	Description
YM-1N	Starter

YM-3N



Starter-Yamaha Marine
PMDD, 12-Volt, CCW, 9-Tooth
Used On:
40-225 HP Engines
Replaces:
Hitachi: S114-323, -A, -B, -C
Yamaha: 6E5-81800-10-00,
6E5-81800-11-00, 6E5-81800-12-00
Note: Aftermarket Unit
For OE Unit Use: S114-323C

Part Number	Description
YM-3N	Starter

YM-4N



Starter-New
12 Volt, CCW, 12-Teeth
Used On:
Yamaha 9.9-15HP; 25HP 1984-1998
Replaces:
Hitachi: S106-12A, S106-12B,
S106-07B, S106-07E, S106-07F
Yamaha: 682-81800-11, 682-81800-12,
6L2-81800-20
Note: Aftermarket Unit
For OE Unit Use: S106-07F

Part Number	Description
YM-4N	Starter

Yamaha Marine

Starters

YM-5N



Starter-Hitachi New
12 Volt, CCW, 9-Teeth
Used On:
1984-1988 Yamaha Outboard 40-50HP
Replaces:
Hitachi: S108-99A, S108-99B
Yamaha: 6H4-81800-10, 64H-81800-11,
6H4-81800-12
Note: Aftermarket Unit
For OE Unit Use: S108-99B

Part Number	Description
YM-5N	Starter

YM-6N



Starter-Hitachi New
12 Volt, CCW, 13-Tooth
Used On:
Yamaha Outboards LZ, VZ, Z 150-175HP
2000-Up Models
Replaces:
Hitachi: S114-836A
Yamaha: 68F-81800-00, 68F-81800-01,
68F-81800-02
Note: Aftermarket Unit
For OE Unit Use: S114-836A

Part Number	Description
YM-6N	Starter

Yamaha Motorcycle

Starters

18757N



Starter-Mitsuba
12 Volt
For: Yamaha ATV & Motorcycle
Fits: Yamaha YFM350 Bruin ATV
2004-2006
ZF600R Street Bike 2000-2005
Replaces:
Yamaha: 3HE-81890-00-00
Pic # 191-381
Lester # 18757

Part Number	Description
18757N	Starter

YS-1



Starter-Mitsuba
12 Volt, CCW, 9-Teeth
Used On: 1981-1982 SR185
ID# SM-7252
2 Brush Mitsuba
Repair Kit: RBK-10
Brush Set: B-8

Part Number	Description
YS-1	STARTER

YS-10



Starter-Mitsuba
12 Volt, CCW, Square
Used On: 1975-1978 XS500
2 Brush Mitsuba
Repair Kit: RBK-28
Brush Set: B-5

Part Number	Description
YS-10	STARTER

Yamaha Motorcycle

Starters

YS-11



Starter-Mitsuba
12 Volt, CCW, 31-Teeth
Used On: 1982-1983 XZ 550
VISION
ID# SM-8209
2 Brush Mitsuba
Repair Kit: RBK-38
Brush Set: B-2
Brush Holder Assy: RH

Part Number	Description
YS-11	STARTER

YS-12



Starter-Mitsuba
12 Volt, CW, 31-Teeth
Used On: 1981-UP XJ 550
MAXIM,
FZ 600 FJ/YK
Replaces: SM-8204
4 Brush Mitsuba
Repair Kit: RBK-26
Brush Set:(B-1 Set) 47-8360
Each
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Assy: 47-8366

Part Number	Description
YS-12	STARTER

YS-13



Starter-Mitsuba
12 Volt, CCW, 9-Teeth
Used On: 1989-UP FZR 600
ID# SM-13
2 Brush Mitsuba
Repair Kit: RBK-2
Brush Set: B-2
Brush Holder Assy: LH

Part Number	Description
YS-13	STARTER

YS-14



Starter-Hitachi
12 Volt, CCW, 7-Teeth
For: 1974-UP XS650
Replaces: S108-3
Repair Parts
Repair Kit: RBK-56
Brush Set: B-14

Part Number	Description
YS-14	STARTER

YS-15



Starter-Denso
12 Volt, CW, 31-Teeth
For: 1980-UP XJ 650, 700, 900
ID# 4H7
2 Brush Denso
Repair Kit: RBK-36
Brushes: B-4
Brush Plate: ND-R

Part Number	Description
YS-15	STARTER

YS-16



Starter-Mitsuba
12 Volt, CW, 31-Teeth
Used On: 1977-1981 XS 750/850
Replaces: SM-2240
2 Brush Mitsuba
Repair Kit: RBK-33
Brush Set: B-5
Brush Holder Assy: GL

Part Number	Description
YS-16	STARTER

YS-17N



Starter-Mitsuba
12 Volt, CW, 31-Teeth
Used On: 1981-1985 XV 700,
750, 920 Short Shaft
Replaces: SM-2241
2 Brush Mitsuba
Repair Kit: RBK-39
Brush Set: B-5
Brush Holder Assy: VIR

Part Number	Description
YS-17N	NEW STARTER

Yamaha Motorcycle

Starters

YS-19N



Starter-Mitsuba
12 Volt, CW, 31-Teeth, Long
Shaft
Used On: 1984-1985 XV 1000
1986-UP XV 1000
1986-1987 XV 700
1988-UP XV 750
1984-1985 XV 1000
1986-UP XV 1100
1986-1987 XV 700
1988-UP XV 750
Replaces: SM-2241, SM-13
2 Brush Mitsuba
Repair Kit: RBK-39
Brush Set: B-5
Brush Holder Assy: VIR
4 Brush Mitsuba
Brush Set: B-12

Part Number	Description
YS-19N	NEW STARTER

YS-2



Starter-Mitsuba
12 Volt, CCW, 9-Teeth
Used On: ALL TW/BW 200, XT
225
2 Brush Mitsuba
Repair Kit: RBK-11
Brush Set: B-7

Part Number	Description
YS-2	STARTER

YS-21



Starter-Mitsuba
12 Volt, CW, 9-Teeth
Used On: 1987-1988
FZR750,1000
1989-UP FZR 1000
Replaces: SM-8
4 Brush Mitsuba
Repair Kit: RBK-40
Brush Set:(B-1 Set) 47-8360
Each
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Assy: 47-8366

Part Number	Description
YS-21	STARTER

YS-22



Starter-Mitsuba
12 Volt, CW, 9-Teeth
Used On: 1989-UP FZR 1000
1994-1997 GTS 1000
1994-1997 YZF 750
1997 YFZ 750
ID# SM-13
2 Brush Mitsuba
Repair Kit: RBK-15
Brush Set: B-2
Brush Holder Assy: SM-13R

Part Number	Description
YS-22	STARTER

YS-23



Starter-Mitsuba
12 Volt, CW, 9-Teeth
Used On: 1983-UP VENTURE
ROYALE
Replaces: SM-229C
2 Brush Mitsuba
Repair Kit: RBK-41
Brush Set: B-5
Brush Holder Assy: GL

Part Number	Description
YS-23	STARTER

Yamaha Motorcycle

Starters

YS-24N



Starter-Mitsuba New
12 Volt, CW, 9-Teeth
Used On: 1985-2000 V-MAX
VMX12
Replaces: SM-229C
Yamaha: 1FK-81800-10-00
2 Brush Mitsuba
Repair Kit: RBK-41
Brush Set: B-5
Brush Holder Assy: GL

Part Number	Description
YS-24N	Starter

YS-25



Starter-Mitsuba
12 Volt, CCW, 31-Teeth
Used On: 1978-UP XS 1100
Replaces: SM-22F
2 Brush Mitsuba
Repair Kit: RBK-28
Brush Set: B-5

Part Number	Description
YS-25	STARTER

YS-26



Starter-Mitsuba
12 Volt, CW, 9-Teeth
Used On: 1984-UP FJ 1100/1200
(2 BRUSH)
Replaces: SM-229D
2 Brush Mitsuba
Repair Kit: RBK-41
Brush Set: B-5
Brush Holder Assy: GL
Note: Can Use YS-27N

Part Number	Description
YS-26	STARTER

YS-27N



Starter-Mitsuba
12 Volt, CW, 9-Teeth
Used On: 1984-UP FJ 1100/1200
(4 BRUSH)
Replaces: SM-13
4 Brush Mitsuba
Repair Kit: RBK-42
Brush Set: B-2
Brush Each: 47-8355
Brush Holder Assy: SM-13

Part Number	Description
YS-27N	NEW STARTER

YS-28



Starter-Mitsuba
12 Volt, CCW, 9-Teeth
Used On: 1985-UP RIVA 125
2 Brush Mitsuba
Repair Kit: RBK-9
Brush Set: B-7

Part Number	Description
YS-28	STARTER

YS-29



Starter-Mitsuba
12 Volt, CCW, 9-Teeth
Used On: 1983-UP RIVA 180/200
No Repair Parts For This Unit

Part Number	Description
YS-29	STARTER

YS-3



Starter-Mitsuba
12 Volt, CCW, 9-Teeth
Used On: ALL XV 250 ROUTE 66
2 Brush Mitsuba
Repair Kit: RBK-11
Brush Set: B-7

Part Number	Description
YS-3	STARTER

Yamaha Motorcycle

Starters

YS-30



Starter-Mitsuba
12 Volt, CW, 9-Teeth
Used On: 1992-1998 XJ 600
SECA II
Replaces: SM-13
2 Brush Mitsuba
Repair Kit: RBK-3
Brush Set: B-2
Brush Holder Assy: SM-13R

Part Number	Description
YS-30	STARTER

YS-31



Starter-Mitsuba
12 Volt, CW, 22-Teeth
Used On: 1999-2003 XV1600
Road Star
ROADSTAR
Replaces: SM-13
4WM-81890-00-00
4WM-81890-01-00
4 Brush Mitsuba
Repair Kit: RBK-29
Brush Set: B-12
Brush Holder Assy: SM-13

Part Number	Description
YS-31	STARTER

YS-32



Starter-Denso
12 Volt, CW, 9-Teeth
Used On: 1987-1988 BW 350
Replaces: 2JN
2 Brush Denso
Repair Kit: RBK-36
Brush Set: B-4
Brush Holder Assy: ND-R

Part Number	Description
YS-32	STARTER

YS-33



Starter-Denso
12 Volt, CW, 31-Teeth
For: 1980-UP XJ 650, 700, 900
ID# 4H7
2 Brush Denso
Repair Kit: RBK-36
Brushes: B-4
Brush Plate: ND-R

Part Number	Description
YS-33	STARTER

YS-34N



Starter-Yamaha New
12 Volt, CW, 13-Spline
Fits:
1999 XV1100 Virago
2004-2008 XVS11 V-Star
Custome
2004-2008 XVS11A V-Star
Classic
2004-2007 XVS11A V-Star Silver
1999-2003 XVS1100 V-Star
Classic
1999-2003 XVS1100 V-Star
Custom
2003 XVS1100 V-Star Silver
Replaces Yamaha: 5EL-81890-00-00,
5EL-81890-01-00
Note: New Unit, For Reman Unit
Use YS-34
Repair Parts:
Brush Set: B-12

Part Number	Description
YS-34N	Starter

YS-37



Starter-Yamaha
12 Volt, PMDD
Fits:
2003-2008 Yamaha WR450
Dirt Bike
Replaces:
Yamaha: 5TJ-81890-30-00,
5TJ-81890-20-00, 5TJ-81890-10-00,
5TJ-81890-00-00
Repair Parts
Brush Set: B-16

Part Number	Description
YS-37	Starter

Yamaha Motorcycle

Starters

YS-39



Starter-Yamaha
12 Volt, Mitsuba Style
For:
WR250F (249cc) 2003-2009
Replaces:
Yamaha: 5UM-81890-00-00
5UM-81890-10-00

Part Number	Description
YS-39	Starter

YS-4



Starter-Denso
12 Volt, CW, 31-Teeth
For: 1980-1982 SR250
ID# 3Y6
2 Brush Denso
Repair Kit: RBK-36
Brushes: B-4
Brush Plate: ND-R

Part Number	Description
YS-4	STARTER

YS-40



Starter-Yamaha
12 Volt, 9-Spline, CCW
Mitsuba PMDD
For:
2005-2009 TTR230
Dirt Bike Applications
Replaces
Yamaha: 1C6-H1800-00-00

Part Number	Description
YS-40	Starter

YS-41N



**Starter-Yamaha M/C
PMDD, 12-Volt, 9-Spline**
Used On:
1999-2000 TT250 Dirt Bike
2001-2006 TTR250 Dirt Bike
Replaces:
Lester: 18762
Yamaha: 4GY-81800-02-00,
4GY-81890-00-00

Part Number	Description
YS-41N	Starter

YS-42



**Starter- Yamaha
12 Volt, CCW, 9-Spline
For Yamaha Motorcycle**
Fits:
1999-2000 TT225
2001-2004 TTR225
2000-2002 XT225
Replaces:
Lester: 18845
Yamaha: 4JG-81890-00-00

Part Number	Description
YS-42	Starter

YS-5



**Starter-Mitsuba
12 Volt, CCW, 31-Teeth**
For: 1976-1981 XS 360/400
Replaces: SM-223B
2 Brush Mitsuba
Repair Kit: RBK-21
Brush Set: B-3

Part Number	Description
YS-5	STARTER

Yamaha Motorcycle

Starters

YS-6



**Starter-Mitsuba
12 Volt, CCW, 31-Teeth**
Used On: Up To 1981 XS 400
Replaces: SM-8205
4 Brush Mitsuba
Repair Kit: RBK-24
Brush Set:(B-1 Set) 47-8360
Each
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Assy: 47-8366

Part Number	Description
YS-6	STARTER

YS-7



**Starter-Mitsuba
12 Volt, CW, 9-Teeth**
Used On: 1982-1983
XS 400 MAXIM,SECA
ID# SM-7
2 Brush Mitsuba
Repair Kit: RBK-10
Brush Set: B-8

Part Number	Description
YS-7	STARTER

YS-8



**Starter-Mitsuba
12 Volt, CCW, 9-Teeth**
Used On: 1988-1990 FZR 400
ID# SM-7
2 Brush Mitsuba
Repair Kit: RBK-10
Brush Set: B-8

Part Number	Description
YS-8	Starter

YS-9



Starter-Mitsuba
12 Volt, CW, 9-Teeth
Used On: 1983-UP XV 500-535
Replaces: SM-8219
4 Brush Mitsuba
Repair Kit: RBK-37
Brush Set:(B-1 Set) 47-8360
Each
Brush Holder Assy: SM-8
Brush Holder Only: 47-8365
Pos Brush Assy: 47-8366

Part Number	Description
YS-9	STARTER

Yamaha PWC

Starters

18436N



Starter-Yamaha PWC
12 Volt, CCW
Used On:
1997-2000 GP760 Wave Runner
1996 RA760 Wave Raider
1996-1997 WB760 Wave Blaster
1997 WVT760 Wave Venture
1998-1999 XL760 Wave Runner
Replaces: 64X-81800-00-00

Part Number	Description
18436N	Starter

49-1095



Starter-Yamaha/Mitsuba
12 Volt, CW, 9-Spline
For: Yamaha PWC
Fits: 650 & 701 Engines
Replaces:
Yamaha: 6M6-81800-10-00

Part Number	Description
49-1095	STARTER

Yamaha PWC

Starters

49-1099



Starter-Yamaha/Mitsuba
12 Volt, CW
For: Yamaha PWC
Fits: 800CC,1100CC,
1200CC Engines
Replaces:
Yamaha: 63M-818-00

Part Number	Description
49-1099	STARTER NEW

49-1103M



Starter-Yamaha OMC
Fits: Yamaha FX140
4 Stroke Engines
Replaces:
Yamaha: 60E-81800-00-00

Part Number	Description
49-1103M	NEW YAMAHA STR

AR-PWY500



Starter-Yamaha/Hitachi
12 Volt, CW, 11-Spline
For: Yamaha PWC
Fits: WR/WJ 500
Note: For Reman Unit
Use: WY-1

Part Number	Description
AR-PWY500	Starter

WY-1



Starter-Yamaha/Hitachi
12 Volt, CW, 11-Spline
For: Yamaha PWC
Fits: WR/WJ 500
Repair Parts:
Repair Kit: RBK-50
Note: For New Unit
Use: AR-PWY500

Part Number	Description
WY-1	STARTER

WY-4N



Starter-Yamaha PWC
Used On:
2005 Yamaha Wave Runner
1100cc
Replaces:
Yamaha: 6D3-81800-00-00

Part Number	Description
WY-4N	Starter

Yamaha Scooters

Starters

49-8888



Starter-Yamaha
Fits: Yamaha J08
50cc Scooters

Part Number	Description
49-8888	NEW STARTER

Yamaha Snowmobile

Starters

49-5252



Starter-Yamaha Snowmobile
PMDD; 12-Volt, CCW, 9-Tooth
Used On: 340cc, 410cc, 485cc,
535cc, 593cc Engines (Many
Models)
1994-1998
Replaces: 8BB-81800-01-00

Part Number	Description
49-5252	Starter

Yamaha Snowmobile

Starters

49-5253



Starter-Yamaha Snowmobile
PMDD; 12-Volt, CCW, 9-Tooth
Used On: 1997-2005 Many
Models
Replaces: 8CW-81800-00-00,
8CW-81800-01-00

Part Number	Description
49-5253	Starter

Yanmar

Starters

104-197N

Part Number	Description
104-197N	Starter

16191N



Starter-New
12 Volt, CW 9-Tooth
Used On Yanmar Marine
Replaces:
Hitachi: S114-194
Yanmar: 104211-77010,
104211-77011

Part Number	Description
16191N	Starter

Table of Contents

0						
028000-7300		88	199-062N	77	31-5933	1
028530-1031		14	199-070N	77	31-5934	1
1			199-071N	77	31-5935	1
103-229N		149	199-072N	77	31-5936	1
103-238N		149	199-073N	77	31-5937	1
103-239N		149	199-074N	77	31-5938	1
103-365N		149	199-077N	77	31-5940	2
104-197N		186	199-085N	77	31-5945	2
107-112N		58	199-086N	78	31-5946	2
107-118N		58	199-089N	78	31-5949	2
107-121N		58	2		31-5950	1
107-124N		58	2-1766-HD	89	31-5955	2
10847N		58	2-1766-HD-1	90	31-5970	2
1209823S		129	2-1767-HD	90	31-5971	2
12176N		137, 174	2-1767-HD-1	91	31-5972	2
12176N			2-2022-DR		3159N	80, 85
12347N		138	2-2022-DR	81, 130	3159N	
12530N		70, 82	228000-5440	150	31-7934	3
12530N			240-209AN		31-7935	3
128000-1671		155	240-209AN		31-7936	3
128000-4520		129	240-209AN	138, 144, 150	3183N	
1509802S		130	263	8	3183N	80, 85, 145
16191N		186	2875530S	130	3183N	
18311N		174	293-18N		31-8795	13
18347N			293-18N	138, 174	31-8900	3, 16
18347N		138, 174	3		31-8900	
18355N			300116	8	31-8943	3
18355N		68, 144	300118	8	31-8950	3
18358N			300174	8	31-8960	3, 34
18358N		149, 170	300565	8	31-8960	
18423N		103	309-H	8	31-8965	3
18436N		185	31-2922	1	31-8970	4
18533N		118, 120	31-2925	5	31-8990	4
18533N			31-2926	5	31-8995	16
18549N		119	31-2927	5	31-8999	16
18563N			31-2928	5	3199N	80, 85
18563N		75, 151	31-2930	5	3199N	
18670N		106	31-2931	5	3276M	14
18717N		120	31-2932	6	340-40N	83
18733N		162	31-2933	6	340-41N	83
18757N		172, 179	31-2934	6	340-44N	83
18757N			31-2935	6	4	
18761N		173	31-2936	6	4229-124	43
18819N		119	31-2937	6	44-1000	21
18905N		88	31-2938	6	44-1001	21
18905N-CHR		89	31-2940	6	44-1300	21
18911N		63	31-2941	7	44-1301	21
18923N		106	31-2942	7	44-3000	20
18976N		123	31-2943	7	44-3119	21
18990N		123	31-2945	7	44-3120	22
190-551N		103	31-2946	7	44-3121	21
191-520N		159	31-2947	7	44-3125	21
19576N		76	31-2948	7	44-3126	20
19579N		76	31-2950	7	44-3500	22
19583N		76	31-2970	8	44-3501	22
19594N		76	3129N	79, 85	44-3600	57
19602N		105	3129N		47-0023	167
19617N		170	3141N		47-0632	13
199-060N		76	3141N	85, 135	47-1003	44
199-061N		76	3144N	80, 85	47-2001	55
			3144N		47-2002	55
					47-2005	55

Table of Contents

4			
47-2006	55	48-9244	47
47-6000	45	48-9245	47
47-6001	45	48-9247	47
47-6002	45	48-9248	47
47-6003	45	48-9613	47
47-8000	10	48-9811	47
47-8001	10	48-9813	47
47-8010	45	48-9820	17
47-8011	45	48-9856	44
47-8013	9	48-9857	46
47-8014	45	48-9880	47
47-8040	50	48-9881	48
47-8103	10	48-9890	45
47-8104	9	49-0003	145
47-8105	9	49-0004	139
47-8106	9	49-0005	139
47-8109	10	49-0008	58
47-8188	27	49-0010	79, 139
47-8189	27	49-0010	
47-8200	11	49-0011	
47-8201	11	49-0011	134, 139
47-8202	11	49-0013	139
47-8203	11	49-0014	134, 139
47-8205	11	49-0014	
47-8206	11	49-0015	139
47-8210	12	49-0017	150
47-8229	8	49-0018	134
47-8231	9	49-0019	145
47-8240	9	49-0021	140
47-8301		49-0022	135, 140
47-8301	9-10	49-0022	
47-8301		49-0026	130
47-8302	9	49-0028	140
47-8305	10	49-0029	145
47-8320	11	49-0029-1	145
47-8321	11	49-0031	140
47-8325	12	49-0032	140
47-8355	25	49-0033	150
47-8360	25	49-0034	150
47-8365	25	49-0035	130
47-8366	25	49-0036	
47-8551	12	49-0036	84, 120, 145
47-8553	12	49-0036	
47-9202	44	49-0039	145
47-9605	44	49-0040	145
47-9606	44	49-0041	103
48-2509	130, 168	49-0042	104
48-2509		49-0051	140
48-3861	34, 56	49-0053	140
48-3861		49-0062	146
48-3890	12	49-0065	130
48-3891		49-0066	84, 120, 146
48-3891	34, 56	49-0066	
48-9110	46	49-0066	
48-9112	46	49-0070	140
48-9122	46	49-0075	146
48-9133	46	49-0078	84, 146
48-9136	46	49-0078	
48-9137	46	49-0079	141
48-9233	46	49-0081	141
		49-0082	79
		49-0083	141
		49-0087	84
		49-0089	141
		49-0125	
		49-0125	84, 120
		49-0130	146
		49-0150	146
		49-0151	146
		49-0152	154
		49-0153	147
		49-0154	147
		49-0155	141
		49-0156	141
		49-0175	141
		49-0176	147
		49-0177	141
		49-0178	142
		49-0179	142
		49-0240	67
		49-1090	154
		49-1091	154
		49-1092	129
		49-1093	154
		49-1094	129
		49-1095	185
		49-1096	155
		49-1096-8T	155
		49-1097	
		49-1097	63, 170
		49-1098	155
		49-1099	185
		49-1100	129
		49-1101	117
		49-1102	155
		49-1103M	185
		49-1564	63, 70
		49-1564	
		49-2760	117
		49-2890	117
		49-3054	70
		49-3147	138
		49-3148	
		49-3148	138, 144, 150
		49-3148	
		49-3240	
		49-3240	142, 161, 175
		49-3240	
		49-3551	71
		49-3552	71
		49-3607	168
		49-3830	168
		49-3835	168
		49-4013	133
		49-5050	133
		49-5122	71
		49-5250	155
		49-5252	186
		49-5253	186
		49-5314	136, 147, 171, 175
		49-5314	
		49-5314	
		49-5314	
		49-5315	136, 147, 171

Table of Contents

6		99-4013	133	B-6	14
67-714	4	A		B-7	27
67-715	5	A5TA7599	105	B-8	27
67-718	5	A7T20199	124	B-9	27
6788N-B		AC-1	63	BA-104N	69, 74
6788N-B	142, 148, 172	AC-10	63	BA-104N	
6788N-B		AC-11	64	BA-105N	
6791N-B	137, 143, 149, 172	AC-12	64	BA-105N	
6791N-B		AC-13	64	BA-105N	70, 118-119
6791N-B		AC-3N	64	BA-106N	70
6791N-B		AC-4N	64, 69, 73, 134	BA-107N	74
6794N	135	AC-4N		BA-108N	74
68-7800	50	AC-4N		BA-109N	74
68-7800-1	50	AC-4N		BA-110N	
695550	72	AC-5	65	BA-110N	75, 134, 156
7		AC-6	65	BA-111	75
715208	72	AC-7	65	BA-112	75
7320N	84, 119, 144	AC-8	65	BA-113N	75
7320N		AC-9N	65	Bearings	19
7320N		Accessories	1-8	BG3037S	51
77-1000	12	Alternator		BG3038S	51
77-2000	12	Alternator	70, 82	BM-1N	69
78-2000	57	Alternators		BM-2N	69
78-2001	57	Alternators		BMW Motorcycle	68-69
78-3000	56	Alternators		Bombardier	69-70
7-989	19	Alternators		Br3219	36
7-989C	19	Alternators	82-84, 105-106, 119, 124, 133, 137-138, 144, 150, 174	Br4890	36
8		Alternators		Br7809	36
81-7200	19	Alternators		Briggs & Stratton	8-12, 22-23, 36, 70-73
825095	72	Alternators		Briggs & Stratton	
82-6851	62	Alternators		Briggs & Stratton	
82-7859	154	Alternators		Briggs & Stratton	
8-702	19	Arctic Cat	63-67	Brush Holder	
8902N	82	Arctic Cat Snowmobile	67-68	Brush Holder	8, 17
8903N	83	Armatures		Brush Holders	9, 13-14, 21, 24-25, 44, 50
8904N	83	Armatures		Brush Holders	
9		Armatures		Brush Holders	
9910.1010	18	Armatures	8, 17-18, 20, 44, 48-50	Brush Holders	
9910.1015	18	Armatures		Brush Holders	
9910.1116	18	Armatures		Brush Holders	
9910.1117	18	Armatures		Brush Set	17, 20, 23
9910.1118	18	AR-PWY500	185	Brush Set	
9910.1119	18	ATV Starters	69	Brush Set	
9915.0003	86	Autocrane	8	Brush Springs	8
9915.0009	86	B		Brushes	
9915.0012	86	B-1	25	Brushes	
9915.0013	86	B-10	26	Brushes	
9915.0014	87	B-11	26	Brushes	
9915.0040	87	B-12	26	Brushes	
9915.0042	87	B-13	17	Brushes	8-10, 14, 17, 19, 21, 25-27, 35, 50
9915.0113	87	B-14		Brushes	
9915.0173	87	B-14	20, 23	Brushes	
9915.0233	87	B-16	26	Brushes	
9915.0272	87	B-17	26	Brushes	
9915.0283	87	B-2	26	Brushes	
9916.0013	17	B-20	51	Brushes	9, 25, 45
9916.0026	17	B-21	52	Brushes	
9916.0071	17	B-3	26	Brushes	
9916.0080	17	B-4	14	Brushes	
9916.0081	18	B-5	26	BS-111N	72, 82
				BS-111N	

Table of Contents

B	
BS-112N	73
BS-113N	
BS-113N	73, 82
BSC-101	22
BSC-102	22
BSC-103	22
BSC-104	23
BSC-105	23
BSC-106	23
Bushings	
Bushings	10, 27, 45, 50-51
Bushings	
Bushings	
C	
CA-101	81
Can-Am (Bombardier)	73-75
CDI Module	12
CE Frame	10, 21, 45, 51-52
CE Frame	10
CE Frame	
CE Frame	
CE Frame	
CE Frame W/BH Assy	
CE Frame W/BH Assy	10, 21
CH-101	13
CH-102	13
CH-103N	78
CH-104N	78
CH-105N	78
CH-106N	78
CH-107N	78
CH-108N	78
CH-109N	79
CH-110N	79
CH-111N	79
China Made ATV	75-79
China Made Atv	13
Chrysler	79
Complete Units	58-98
Crusader Marine	79-80
Cub Cadet	81-82
D	
Daihatsu	82
Delco	
Delco	13, 82-83
Denso	13-16
Drive & Drive Kits	52-55
Drive End Frames	
Drive End Frames	46, 55
Drive Kits	35
Drives	
Drives	13-14, 19-20, 24, 44, 48, 57
Drives	
Drives	
Drives	
Drives	
Drives	
Drives	
Drives	
Drives & Drive Kits	
Drives & Drive Kits	

Drives & Drive Kits	
Drives & Drive Kits	
Drives & Drive Kits	11-12, 34, 46-47, 56, 151
DS-101N	83
Ducati	83
E	
Evinrude	84
F	
Field Coils	21
Field Housings	12, 47-48
Field Housings	
Ford	84
Ford Marine	85
Ford Tractor	16
G	
G100	97
G102	97
G106	98
G107	98
G108	98
G109	98
G110	98
GA-101N	106
GA-101N-90	106
Gaskets	
Gaskets	27, 34
GE-101N	86
GE102N	86
GE-103N	86
Generac	86
Generators	88
GH5530	36, 42
GH5530	
GL	24
Goki	17
GP9905	133
Grasshopper	36
Gravely	17
H	
H0597	36
H0597C	36
H1001	37
H1001C	37
H1070	37
H1070C	37
H1075	37
H1075C	37
H1200	38
H1200C	38
H1686	38
H1686C	38
H1899	38
H1899C	38
H1988	39
H1988C	39
H1988CBB	43
H2384	39
H2384C	39
H2386	39
H2386C	40

HA-101N	98
HA-102N	99
HA-103N	99
HA-104N	99
HA-105N	99
HA-106N	99
HA-107N	100
HA-108N	100
HA-109	100
HA-110	100
HA-111	100
HA-111N	101
HA-112	101
HA-113N	101
HA-114N	101
HA-115N	101
HA-116N	101
HA-117N	102
HA-118	102
HA-118N	102
HA-119N	102
HA-120N	102
HA-121N	102
HA-122N	103
HA-123N	103
HA-124	103
Hannay	17-18
Hannay	86-87
Harley	18-19, 88-97
Harley	19-20, 36-40
Harley	
Harley	
HD-1	19
Hitachi	97-105
Hitachi	20
Hitachi Str/Gen	20-22
HN-110N	104
HN-111N	105
Honda	
Honda	40-41, 156
Honda ATV	
Honda ATV	56, 98-103
Honda Industrial	103-104
Honda Marine	105
Honda Motorcycle	22
Honda Motorcycles	105-116
Honda PWC	117
HS-1	107
HS-10	107
HS-11	107
HS-11A	107
HS-12	107
HS-13	107
HS-14	108
HS-15	108
HS-16	108
HS-17	108
HS-18	108
HS-19	108
HS-19N	109
HS-2	109
HS-20	109

Table of Contents

H		K		KT-102	132
HS-21	109	KA-101	120	KTM	132
HS-22	109	KA-102	121	KTM Motorcycle	132
HS-23	109	KA-103	121	Kubota	
HS-24	109	KA-104N	121	Kubota	42, 133
HS-25	110	KA-105N	121	KW2056	41
HS-26N	110	KA-106N	121	KW2071	41
HS-27	110	KA-107N	122	Kymco ATV	134
HS-28	110	KA-108	122	L	
HS-29	110	KA-109N	122	Lincoln Welder	134
HS-30	110	KA-110N	82, 122	LR140-708C	106
HS-31	110	KA-110N		Lynx Snowmobile	134
HS-32	111	KA-111N	122	M	
HS-33	111	KA-114N	122	Mariner Marine	134-135
HS-34	111	KA-115N	123	Mercruiser	135-137
HS-35	111	Kawasaki	41, 156-157	Mercury Marine	137-143
HS-36N	111	Kawasaki ATV	120-123	Mercury Mariner	42
HS-37	111	Kawasaki Industrial	123	Misc Parts	17-18
HS-38	112	Kawasaki Motorcycle	124-129	Mitsuba	24-34
HS-38N	112	Kawasaki PWC		Moto Guzzi	144
HS-39N	112	Kawasaki PWC	23-24, 129	Motors	86-87, 154
HS-3N	112	KB-101N	133	Motors	
HS-40	112	KE-111N	123	MS-101N	143, 175
HS-41N	113	KE-112N	123	MS-101N	
HS-42	113	KH4301	35	MS-102N	
HS-43	113	KH4309	42	MS-102N	143, 175
HS-44	113	Kohler		MS-103N	162
HS-45N	113	Kohler	41-42, 129-132	MS-104N	105
HS-46N	113	KS-1	124	N	
HS-47	113	KS-10	124	ND-4	13
HS-48	113	KS-11	124	ND-L	13
HS-49	114	KS-12	124	ND-R	14
HS-4N	114	KS-13	124	ND-S	14
HS-50N	114	KS-14	125	New Replacement Parts	1-57
HS-51	114	KS-15	125	New Tilt & Trim Motors	58-104
HS-52	114	KS-16	125	New Units	63-186
HS-53	114	KS-16A	125	O	
HS-54	114	KS-17	125	OMC	144-149
HS-55	115	KS-18	125	Onan	
HS-5N	115	KS-19	125	Onan	34-35, 42, 149-150
HS-6	115	KS-20	126	Onan	
HS-62N	103	KS-21	126	Onan	
HS-65N	115	KS-21A	126	P	
HS-66	115	KS-22	126	PA-101G	
HS-67	115	KS-23	126	PA-101G	
HS-68	115	KS-24	126	PA-101G	27, 34, 151
HS-69	116	KS-25	127	PA-101N	152
HS-7	116	KS-26	127	PA-102N	152
HS-70	116	KS-27	127	PA-103	
HS-8	116	KS-28	127	PA-103	34, 151
HS-9	116	KS-29	127	PA-103-1	
I		KS-2N	127	PA-103-1	34, 151
Ignition Coil	22-23	KS-3	127	PA-104N	152
J		KS-33	127	PA-106N	152
J5050		KS-4	128	PA-107N	152
J5050	42, 133	KS-5	128	PA-108N	152
JDR2256	41	KS-6	128	PA-110N	153
JDR4720	42	KS-7	128	PA-111N	153
John Deere	117-118	KS-8	128	PA-113N	153
John Deere ATV	118-119	KS-9	128	PA-114N	153
Johnson	119-120	KT-101N	132		

Table of Contents

P		
PA-115N	153	
Personal Watercraft	63	
Pleasurcraft	150-151	
Polaris ATV		
Polaris ATV		
Polaris ATV	12, 34, 151-153	
Polaris Motorcycle	154	
Polaris PWC	154	
Polaris Snowmobile	35, 154	
Polaris Snowmobile		
Prestolite Motors	35	
PS-120N	154	
R		
RBK-1	27	
RBK-10	27	
RBK-11	28	
RBK-12	28	
RBK-13	14	
RBK-14	28	
RBK-15	28	
RBK-16	28	
RBK-17	28	
RBK-18	28	
RBK-19	28	
RBK-2	29	
RBK-20	29	
RBK-21	29	
RBK-22	29	
RBK-23	29	
RBK-24	29	
RBK-25	29	
RBK-26	29	
RBK-27	30	
RBK-28	30	
RBK-29	30	
RBK-2B	30	
RBK-3	30	
RBK-30	30	
RBK-31	30	
RBK-32	30	
RBK-33	31	
RBK-34	31	
RBK-35	31	
RBK-36	15	
RBK-37	31	
RBK-38	31	
RBK-39	31	
RBK-3B	31	
RBK-4	15	
RBK-40	31	
RBK-41	32	
RBK-42	32	
RBK-43	32	
RBK-44	32	
RBK-45	15	
RBK-46	15	
RBK-47	32	
RBK-48	15	
RBK-49	32	
RBK-4R	15	
RBK-4S	15	
RBK-50		
RBK-50	20, 24, 57	
RBK-50		
RBK-53	15	
RBK-56	20	
RBK-6	32	
RBK-61	32	
RBK-62	33	
RBK-64	33	
RBK-66	33	
RBK-66A	33	
RBK-67	33	
RBK-68	16	
RBK-69	16	
RBK-7	33	
RBK-70	16	
RBK-71	16	
RBK-72	33	
RBK-78	56	
RBK-8	16	
RBK-9	33	
Rectifiers	35	
Regulators-Rectifiers	36-44	
Relays	1	
Repair Kit		
Repair Kit	20, 24, 57	
Repair Kit		
Repair Kits	14-16, 27-33, 56	
Repair Kits		
Repair Kits		
S		
S1002E	43	
S1002GL	40	
S1002L	43	
S1002S	43	
S1003L	40	
S1003S	40	
S1004A	41	
S1004B	44	
S106-07F	176	
S108-120	162	
S108-80B	135, 176	
S108-80B		
S108-87A	176	
S108-97A	176	
S108-99B	176	
S114-221J	135, 176	
S114-221J		
S114-263B	177	
S114-323C	177	
S114-555	162	
S114-559B	177	
S114-660B	177	
S114-667	170	
S114-673	162	
S114-674	162	
S114-677	105	
S114-828B		
S114-828B		
S114-828B	135, 143, 177	
S114-836A	177	
S114-838A	177	
S5010-NB	91	
S5010-NC	92	
S5011-NC	92	
S5040-NC	92	
S8004-NB	93	
S8004-NC	93	
S8005-NB	94	
S8005-NC	95	
S8006-NB	95	
S8006-NC	96	
S8007-NC	96	
S8055NC	97	
SA-101N	159	
SA-102N	159	
SA-103	160	
SA-104N		
SA-104N	66, 160	
SA-105N	160	
SA-106N		
SA-106N	66, 160, 162	
SA-106N		
SA-108N		
SA-108N		
SA-108N	66, 123, 129, 160, 163	
SA-108N		
SA-108N		
SA-110N	67, 161	
SA-110N		
SA-111N	161	
SA-112N	161	
SA-113N		
SA-113N	67, 161	
Salt Spreader	154	
Seadoo	43	
Sea-Doo PWC	44, 154-155	
Sea-Doo PWC		
Seal	8	
SK-101N	156	
SK-102N	156	
Ski-Doo Snowmobile	155-156	
SM-13	24	
SM-13L	24	
SM-13R	24	
SM-14L	24	
SM-14R	24	
SM-8	25	
SM-80	25	
SN-150N	156	
Solenoids	1-5, 13, 16, 19, 34	
Solenoids		
Solenoids		
Solenoids		
Solenoids		
Sprockets	18	
SS-10	163	
SS-11	163	
SS-12	163	
SS-13	163	
SS-14N	163	
SS-15	163	
SS-16	164	

Table of Contents

S			TC-112N	169	Yamaha ATV	12, 57, 172-174
SS-17	164	TCC-106	23	Yamaha ATV		
SS-18	164	Tecumseh		Yamaha Marine	174-178	
SS-19	164	Tecumseh	168-169	Yamaha Motorcycle	179-185	
SS-1N	164	Tecumseh		Yamaha PWC	57, 185-186	
SS-21	164	Tecumseh		Yamaha PWC		
SS-22	165	Tecumseh		Yamaha Scooters	186	
SS-23N	165	Tecumseh		Yamaha Snowmobile	186	
SS-26	165	Tecumseh		Yanmar	186	
SS-27	165	Tecumseh	23, 44-48, 167-169	YM-1N	178	
SS-28	165	Thermo Electron	170	YM-3N	178	
SS-29	166	Tiger Shark PWC	48, 170	YM-4N	178	
SS-2N	166	Tiger Shark PWC		YM-5N	178	
SS-3	166	Tilt & Trim Motors	58-98	YM-6N	178	
SS-30	166	Tohatsu	170	YS-1	179	
SS-33N	166	Toro	170	YS-10	179	
SS-34	166	TR-101N	62	YS-11	179	
SS-4	166	TR-102N	62	YS-12	179	
SS-5	167	TR-112N	62	YS-13	179	
SS-6	167	Triumph Motorcycle	171	YS-14	180	
SS-7N	167	TRR2277	42	YS-15	180	
SS-8	167	TRR3072	42	YS-16	180	
SS-9	167	TRR6330	41	YS-17N	180	
Starter	154	TS-101N	171	YS-19N	180	
Starter Parts	17	U			YS-2	180
Starters		United Technology	48-56	YS-21	181	
Starters		Universal	43	YS-22	181	
Starters		V			YS-23	181
Starters		VIR	25	YS-24N	181	
Starters		Voltage Regualtor	56-57	YS-25	181	
Starters		Voltage Regualtors	22	YS-26	181	
Starters		Voltage Regulators	19-22	YS-27N	182	
Starters		Voltage Regulators		YS-28	182	
Starters		Volvo Marine	171-172	YS-29	182	
Starters		W			YS-3	182
Starters		WD-1	20	YS-30	182	
Starters		WD-3		YS-31	182	
Starters		WD-3	20, 57	YS-32	182	
Starters		WD-4		YS-33	183	
Starters		WD-4	14, 44	YS-34N	183	
Starters		WD-5		YS-37	183	
Starters	63-67, 70-73, 82-84, 88-103, 106-116, 120, 124-129, 133, 138-143, 145-149, 151-155, 159-161, 174-178	WD-5		YS-39	183	
Starters		WD-5		YS-4	183	
Starters		WD-5	34, 44, 48, 151	YS-40	183	
Starters		WD-5-1	48	YS-41N	184	
Starters		WD-6	48	YS-42	184	
Stators	156-158	WK-1	129	YS-5	184	
Str/Gen	83	WY-1	185	YS-6	184	
Str/Generators	97-105	WY-4N	186	YS-7	184	
Suzuki		Y			YS-8	184
Suzuki	43, 158	YA-101N	173	YS-9	185	
Suzuki ATV	159-161	YA-102N	173			
Suzuki Marine	161-162	YA-103N	173			
Suzuki Motorcycle		YA-105N	173			
Suzuki Motorcycle	57, 162-167	YA-106N	173			
Switch	16	YA-107N	173			
Switches	5-8	YA-108N	174			
T			Yamaha	44		
TC-110N	169	Yamaha	158			
TC-111N	169	Yamaha ATV				

Table of Contents

Categorized Listing

New Replacement Parts	1	31-2970	8	47-8553	12
Accessories	1	Autocrane	8	CDI Module	12
<i>Relays</i>	1	<i>Armatures</i>	8	<i>Polaris ATV</i>	12
31-5950	1	263	8	77-1000	12
<i>Solenoids</i>	1	<i>Brush Holder</i>	8	<i>Yamaha ATV</i>	12
31-2922	1	300118	8	77-2000	12
31-5933	1	300565	8	China Made Atv	13
31-5934	1	<i>Brush Springs</i>	8	<i>Drives</i>	13
31-5935	1	300116	8	CH-101	13
31-5936	1	<i>Brushes</i>	8	CH-102	13
31-5937	1	309-H	8	Delco	13
31-5938	1	<i>Seal</i>	8	60-1076	13
31-5940	2	300174	8	<i>Solenoids</i>	13
31-5945	2	Briggs & Stratton	8	31-8795	13
31-5946	2	<i>Armatures</i>	8	Denso	13
31-5949	2	47-8229	8	<i>Brush Holders</i>	13
31-5955	2	47-8231	9	47-0632	13
31-5970	2	47-8240	9	ND-4	13
31-5971	2	<i>Brush Holders</i>	9	ND-L	13
31-5972	2	47-8301	9	ND-R	14
31-7934	3	47-8302	9	ND-S	14
31-7935	3	<i>Brushes</i>	9	<i>Brushes</i>	14
31-7936	3	47-8013	9	028530-1031	14
31-8900	3	<i>Brushes</i>	9	B-4	14
31-8943	3	47-8104	9	B-6	14
31-8950	3	47-8105	9	<i>Drives</i>	14
31-8960	3	<i>Brushes</i>	9	3276M	14
31-8965	3	47-8106	9	WD-4	14
31-8970	4	<i>Brushes</i>	10	<i>Repair Kits</i>	14
31-8990	4	47-8301	10	RBK-13	14
67-701	4	<i>Bushings</i>	10	RBK-36	15
67-710	4	47-8000	10	RBK-4	15
67-711	4	47-8001	10	RBK-45	15
67-712	4	47-8001	10	RBK-46	15
67-713	4	47-8103	10	RBK-48	15
67-714	4	47-8109	10	RBK-4R	15
67-715	5	<i>CE Frame</i>	10	RBK-4S	15
67-718	5	47-8301	10	RBK-53	15
<i>Switches</i>	5	<i>CE Frame</i>	10	RBK-68	16
31-2925	5	47-8305	10	RBK-69	16
31-2926	5	<i>CE Frame W/BH Assy</i>	10	RBK-70	16
31-2927	5	47-8301	10	RBK-71	16
31-2928	5	<i>Drives & Drive Kits</i>	11	RBK-8	16
31-2930	5	47-8200	11	<i>Solenoids</i>	16
31-2931	5	47-8201	11	31-8900	16
31-2932	6	47-8202	11	Ford Tractor	16
31-2933	6	47-8203	11	<i>Switch</i>	16
31-2934	6	47-8205	11	31-8995	16
31-2935	6	47-8206	11	31-8999	16
31-2936	6	47-8320	11	Goki	17
31-2937	6	47-8321	11	<i>Brush Set</i>	17
31-2938	6	47-8325	12	B-13	17
31-2940	6	48-3890	12	Gravelly	17
31-2941	7	49-6881	12	<i>Starter Parts</i>	17
31-2942	7	<i>Field Housings</i>	12	60-1175	17
31-2943	7	47-8210	12	Hannay	17
31-2945	7	47-8551	12		
31-2946	7				
31-2947	7				
31-2948	7				
31-2950	7				

Table of Contents

Categorized Listing

Armatures	17	44-1000	21	B-9	27
9916.0026	17	Field Coils	21	Bushings	27
Brush Holder	17	44-3121	21	47-8188	27
9916.0013	17	44-3125	21	47-8189	27
Brushes	17	Voltage Regulators	21	Gaskets	27
48-9820	17	44-3119	21	PA-101G	27
9916.0071	17	44-3120	22	Repair Kits	27
Misc Parts	17	Honda Motorcycle	22	RBK-1	27
9916.0080	17	Voltage Regualtors	22	RBK-10	27
9916.0081	18	44-3500	22	RBK-11	28
Sprockets	18	44-3501	22	RBK-12	28
9910.1010	18	Ignition Coil	22	RBK-14	28
9910.1015	18	Briggs & Stratton	22	RBK-15	28
9910.1116	18	BSC-101	22	RBK-16	28
9910.1117	18	BSC-102	22	RBK-17	28
9910.1118	18	BSC-103	22	RBK-18	28
9910.1119	18	BSC-104	23	RBK-19	28
Harley	18	BSC-105	23	RBK-2	29
Armatures	18	BSC-106	23	RBK-20	29
49-9702	18	Tecumseh	23	RBK-21	29
Bearings	19	TCC-106	23	RBK-22	29
8-702	19	Kawasaki PWC	23	RBK-23	29
Harley	19	Brush Set	23	RBK-24	29
Brushes	19	B-14	23	RBK-25	29
81-7200	19	Drives	24	RBK-26	29
Drives	19	54-8106	24	RBK-27	30
54-169	19	Repair Kit	24	RBK-28	30
HD-1	19	RBK-50	24	RBK-29	30
Solenoids	19	Mitsuba	24	RBK-2B	30
7-989	19	Brush Holders	24	RBK-3	30
7-989C	19	GL	24	RBK-30	30
Voltage Regulators	19	SM-13	24	RBK-31	30
49-9706	19	SM-13L	24	RBK-32	30
49-9710	20	SM-13R	24	RBK-33	31
Hitachi	20	SM-14L	24	RBK-34	31
Brush Set	20	SM-14R	24	RBK-35	31
B-14	20	SM-8	25	RBK-37	31
Drives	20	SM-80	25	RBK-38	31
WD-1	20	VIR	25	RBK-39	31
WD-3	20	Brushes	25	RBK-3B	31
Repair Kit	20	47-8355	25	RBK-40	31
RBK-50	20	47-8360	25	RBK-41	32
RBK-56	20	47-8365	25	RBK-42	32
Hitachi Str/Gen	20	Brushes	25	RBK-43	32
Armatures	20	47-8366	25	RBK-44	32
44-3000	20	Brushes	25	RBK-47	32
44-3126	20	B-1	25	RBK-49	32
Brush Holders	21	B-10	26	RBK-6	32
44-1300	21	B-11	26	RBK-61	32
44-1301	21	B-12	26	RBK-62	33
Brushes	21	B-16	26	RBK-64	33
49-9020	21	B-17	26	RBK-66	33
CE Frame	21	B-2	26	RBK-66A	33
44-1001	21	B-3	26	RBK-67	33
CE Frame W/BH Assy	21	B-5	26	RBK-7	33
		B-7	27	RBK-72	33
		B-8	27	RBK-9	33
				Solenoids	34
				31-8960	34
				Onan	34

Table of Contents

Categorized Listing

<i>Drives & Drive Kits</i>	34	S1004A	41	48-9245	47
48-3861	34	<i>Kohler</i>	41	48-9247	47
48-3891	34	JDR2256	41	48-9248	47
Polaris ATV	34	JDR4720	42	48-9613	47
PA-103	34	KH4309	42	48-9811	47
PA-103-1	34	<i>Kubota</i>	42	48-9813	47
WD-5	34	GH5530	42	<i>Field Housings</i>	47
<i>Gaskets</i>	34	J5050	42	48-9880	47
PA-101G	34	<i>Mercury Mariner</i>	42	48-9881	48
Polaris Snowmobile	35	TRR3072	42	Tiger Shark PWC	48
<i>Drive Kits</i>	35	<i>Onan</i>	42	<i>Drives</i>	48
60-1150	35	TRR2277	42	WD-5	48
Prestolite Motors	35	<i>Seadoo</i>	43	WD-5-1	48
<i>Brushes</i>	35	4229-124	43	WD-6	48
49-9021	35	<i>Suzuki</i>	43	United Technology	48
49-9022	35	S1002E	43	<i>Armatures</i>	48
49-9023	35	S1002L	43	60-1021	48
49-9024	35	S1002S	43	60-1027	48
Rectifiers	35	<i>Universal</i>	43	60-1030	48
<i>Onan</i>	35	H1988CBB	43	60-1031	48
KH4301	35	<i>Yamaha</i>	44	60-1032	49
Regulators-Rectifiers	36	S1004B	44	60-1033	49
<i>Briggs & Stratton</i>	36	Sea-Doo PWC	44	60-1034	49
Br3219	36	<i>Drives</i>	44	60-1035	49
Br4890	36	WD-4	44	60-1036	49
Br7809	36	WD-5	44	60-1037	49
<i>Grasshopper</i>	36	Tecumseh	44	60-1038	49
GH5530	36	<i>Armatures</i>	44	60-1040	49
<i>Harley</i>	36	48-9856	44	60-1041	50
H0597	36	<i>Brush Holders</i>	44	60-1043	50
H0597C	36	47-1003	44	<i>Brush Holders</i>	50
H1001	37	47-9202	44	60-1020	50
H1001C	37	47-9605	44	<i>Brushes</i>	50
H1070	37	47-9606	44	47-8040	50
H1070C	37	<i>Brushes</i>	45	60-1078	50
H1075	37	47-8010	45	68-7800	50
H1075C	37	47-8011	45	68-7800-1	50
H1200	38	47-8014	45	<i>Bushings</i>	50
H1200C	38	<i>Bushings</i>	45	5664940	50
H1686	38	47-6000	45	BG3037S	51
H1686C	38	47-6001	45	BG3038S	51
H1899	38	47-6002	45	<i>CE Frame</i>	51
H1899C	38	47-6003	45	60-1010	51
H1988	39	<i>CE Frame</i>	45	60-1013	51
H1988C	39	48-9890	45	60-1014	51
H2384	39	<i>Drive End Frames</i>	46	60-1017	51
H2384C	39	48-9857	46	60-1018	51
H2386	39	<i>Drives & Drive Kits</i>	46	B-20	51
H2386C	40	48-9110	46	B-21	52
Honda	40	48-9112	46	<i>Drive & Drive Kits</i>	52
S1002GL	40	48-9122	46	60-1045	52
S1003L	40	48-9133	46	60-1046	52
S1003S	40	48-9136	46	60-1047	52
TRR6330	41	48-9137	46	60-1048	52
<i>Kawasaki</i>	41	48-9233	46	60-1049	52
KW2056	41	48-9244	47	60-1051	52
KW2071	41			60-1053	52
				60-1054	53
				60-1055	53

Table of Contents

Categorized Listing

60-1056	53	49-6238	60	Briggs & Stratton	70
60-1057	53	49-6240	60	<i>Alternator</i>	70
60-1058	53	49-6241	60	12530N	70
60-1059	53	49-6266	60	Starters	70
60-1061	53	49-6269	60	49-1564	70
60-1062	53	49-6270	60	49-3054	70
60-1063	54	49-6276	61	49-3551	71
60-1065	54	49-6279	61	49-3552	71
60-1066	54	49-8004	61	49-5122	71
60-1068	54	49-8006	61	49-5479	71
60-1073	54	49-8018	61	49-6075	71
60-1080	54	49-8025	61	49-6306	71
60-1081	54	6232	61	49-7401	71
60-1084	54	6238	62	49-7589	71
60-1087	55	6241	62	49-7599	72
60-1089	55	6270	62	49-8148	72
60-1090	55	82-6851	62	5933N	72
60-9140	55	TR-101N	62	5936N	72
Drive End Frames	55	TR-102N	62	695550	72
47-2001	55	TR-112N	62	715208	72
47-2002	55	New Units	63	825095	72
47-2005	55	Arctic Cat	63	BS-111N	72
47-2006	55	<i>Personal Watercraft</i>	63	BS-112N	73
Drives & Drive Kits	56	49-1097	63	BS-113N	73
48-3861	56	Starters	63	Can-Am (Bombardier)	73
48-3891	56	18911N	63	49-7050	73
60-1150	56	49-1564	63	AC-4N	73
Repair Kits	56	AC-1	63	BA-104N	74
RBK-78	56	AC-10	63	BA-107N	74
Voltage Regualtor	56	AC-11	64	BA-108N	74
Honda ATV	56	AC-12	64	BA-109N	74
78-3000	56	AC-13	64	BA-110N	75
Suzuki Motorcycle	57	AC-3N	64	BA-111	75
44-3600	57	AC-4N	64	BA-112	75
Yamaha ATV	57	AC-5	65	BA-113N	75
78-2000	57	AC-6	65	China Made ATV	75
78-2001	57	AC-7	65	18563N	75
Yamaha PWC	57	AC-8	65	19576N	76
Drives	57	AC-9N	65	19579N	76
WD-3	57	SA-104N	66	19583N	76
Repair Kit	57	SA-106N	66	19594N	76
RBK-50	57	SA-108N	66	199-060N	76
New Tilt & Trim Motors	58	SA-110N	67	199-061N	76
Tilt & Trim Motors	58	SA-113N	67	199-062N	77
Complete Units	58	Arctic Cat Snowmobile	67	199-070N	77
107-112N	58	49-0240	67	199-071N	77
107-118N	58	5943N	68	199-072N	77
107-121N	58	5944N	68	199-073N	77
107-124N	58	BMW Motorcycle	68	199-074N	77
10847N	58	18355N	68	199-077N	77
49-0008	58	BA-104N	69	199-085N	77
49-6206	59	BM-1N	69	199-086N	78
49-6216	59	BM-2N	69	199-089N	78
49-6217	59	Bombardier	69	CH-103N	78
49-6224	59	ATV Starters	69	CH-104N	78
49-6225	59	AC-4N	69	CH-105N	78
49-6227	59	Starters	70	CH-106N	78
49-6232	59	BA-105N	70	CH-107N	78
		BA-106N	70	CH-108N	78
				CH-109N	79
				CH-110N	79

Table of Contents

Categorized Listing

CH-111N	79	Hannay	86	HA-111	100
Chrysler	79	Motors	86	HA-111N	101
49-0010	79	9915.0003	86	HA-112	101
49-0082	79	9915.0009	86	HA-113N	101
Crusader Marine	79	9915.0012	86	HA-114N	101
3129N	79	9915.0013	86	HA-115N	101
3144N	80	9915.0014	87	HA-116N	101
3159N	80	9915.0040	87	HA-117N	102
3183N	80	9915.0042	87	HA-118	102
3199N	80	9915.0113	87	HA-118N	102
6440N	80	9915.0173	87	HA-119N	102
Cub Cadet	81	9915.0233	87	HA-120N	102
2-2022-DR	81	9915.0272	87	HA-121N	102
49-7401	81	9915.0283	87	HA-122N	103
49-7850	81	Harley	88	HA-123N	103
CA-101	81	Generators	88	HA-124	103
KA-110N	82	49-9700	88	HS-62N	103
Daihatsu	82	49-9701	88	Honda Industrial	103
Alternator	82	Starters	88	18423N	103
12530N	82	028000-7300	88	190-551N	103
Starters	82	18905N	88	49-0041	103
BS-111N	82	18905N-CHR	89	49-0042	104
BS-113N	82	2-1766-HD	89	49-5620	104
Delco	82	2-1766-HD-1	90	49-7850	104
Alternators	82	2-1767-HD	90	49-7860	104
8902N	82	2-1767-HD-1	91	49-8996	104
8903N	83	S5010-NB	91	49-9003	104
8904N	83	S5010-NC	92	HN-110N	104
Str/Gen	83	S5011-NC	92	HN-111N	105
340-40N	83	S5040-NC	92	Honda Marine	105
340-41N	83	S8004-NB	93	19602N	105
340-44N	83	S8004-NC	93	MS-104N	105
Ducati	83	S8005-NB	94	S114-677	105
Starters	83	S8005-NC	95	Honda Motorcycles	105
DS-101N	83	S8006-NB	95	Alternators	105
Evinrude	84	S8006-NC	96	A5TA7599	105
Alternators	84	S8007-NC	96	GA-101N	106
7320N	84	S8055NC	97	GA-101N-90	106
Starters	84	Hitachi	97	LR140-708C	106
49-0036	84	Str/Generators	97	Starters	106
49-0066	84	G100	97	18670N	106
49-0078	84	G102	97	18923N	106
49-0125	84	G107	98	HS-1	107
Ford	84	G108	98	HS-10	107
49-0087	84	G109	98	HS-11	107
Ford Marine	85	G110	98	HS-11A	107
3129N	85	Honda ATV	98	HS-12	107
3141N	85	Starters	98	HS-13	107
3144N	85	HA-101N	98	HS-14	108
3159N	85	G106	98	HS-15	108
3183N	85	HA-102N	99	HS-16	108
3199N	85	HA-103N	99	HS-17	108
Generac	86	HA-104N	99	HS-18	108
GE-101N	86	HA-105N	99	HS-19	108
GE102N	86	HA-106N	99	HS-19N	109
GE-103N	86	HA-107N	100	HS-2	109
		HA-108N	100	HS-20	109
		HA-109	100	HS-21	109
		HA-110	100	HS-22	109
				HS-23	109
				HS-24	109

Table of Contents

Categorized Listing

HS-25	110	BA-105N	119	KS-33	127
HS-26N	110	Johnson	119	KS-4	128
HS-27	110	<i>Alternators</i>	119	KS-5	128
HS-28	110	7320N	119	KS-6	128
HS-29	110	<i>Starters</i>	120	KS-7	128
HS-30	110	49-0036	120	KS-8	128
HS-31	110	49-0066	120	KS-9	128
HS-32	111	49-0125	120	SA-108N	129
HS-33	111	Kawasaki ATV	120	Kawasaki PWC	129
HS-34	111	18533N	120	49-1092	129
HS-35	111	18717N	120	49-1094	129
HS-36N	111	KA-101	120	49-1100	129
HS-37	111	KA-102	121	WK-1	129
HS-38	112	KA-103	121	Kohler	129
HS-38N	112	KA-104N	121	1209823S	129
HS-39N	112	KA-105N	121	128000-4520	129
HS-3N	112	KA-106N	121	1509802S	130
HS-40	112	KA-107N	122	2-2022-DR	130
HS-41N	113	KA-108	122	2875530S	130
HS-42	113	KA-109N	122	48-2509	130
HS-43	113	KA-110N	122	49-0026	130
HS-44	113	KA-111N	122	49-0035	130
HS-45N	113	KA-114N	122	49-0065	130
HS-46N	113	KA-115N	123	49-7110	131
HS-47	113	SA-108N	123	49-7120	131
HS-48	113	Kawasaki Industrial	123	49-7480	131
HS-49	114	18976N	123	49-9237	131
HS-4N	114	18990N	123	49-9804	131
HS-50N	114	5922N	123	49-9806	131
HS-51	114	KE-111N	123	49-9808	131
HS-52	114	KE-112N	123	49-9809	132
HS-53	114	Kawasaki Motorcycle	124	49-9810	132
HS-54	114	<i>Alternators</i>	124	49-9811	132
HS-55	115	A7T20199	124	49-9812	132
HS-5N	115	<i>Starters</i>	124	49-9813	132
HS-6	115	KS-1	124	KTM	132
HS-65N	115	KS-10	124	<i>KTM Motorcycle</i>	132
HS-66	115	KS-11	124	KT-101N	132
HS-67	115	KS-12	124	KT-102	132
HS-68	115	KS-13	124	Kubota	133
HS-69	116	KS-14	125	<i>Alternators</i>	133
HS-7	116	KS-15	125	49-4013	133
HS-70	116	KS-16	125	49-5050	133
HS-8	116	KS-16A	125	99-4013	133
HS-9	116	KS-17	125	GP9905	133
Honda PWC	117	KS-18	125	J5050	133
49-1101	117	KS-19	125	<i>Starters</i>	133
John Deere	117	KS-20	126	49-7940	133
49-2760	117	KS-21	126	49-9365	133
49-2890	117	KS-21A	126	KB-101N	133
49-5501	117	KS-22	126	Kymco ATV	134
49-7050	117	KS-23	126	AC-4N	134
49-7940	117	KS-24	126	Lincoln Welder	134
49-9360	117	KS-25	127	49-0018	134
49-9804	118	KS-26	127	Lynx Snowmobile	134
49-9809	118	KS-27	127	BA-110N	134
BA-105N	118	KS-28	127	Mariner Marine	134
John Deere ATV	118	KS-29	127	49-0011	134
18533N	118	KS-2N	127	49-0014	134
18549N	119	KS-3	127		
18819N	119				

Table of Contents

Categorized Listing

49-0022	135	Moto Guzzi	144	WD-5	151
49-5652	135	18355N	144	Starters	151
6794N	135	OMC	144	18563N	151
S108-80B	135	Alternators	144	PA-101G	151
S114-221J	135	240-209AN	144	PA-101N	152
S114-828B	135	49-3148	144	PA-102N	152
Merccruiser	135	7320N	144	PA-104N	152
3141N	135	Starters	145	PA-106N	152
49-5314	136	3183N	145	PA-107N	152
49-5315	136	49-0003	145	PA-108N	152
49-5323	136	49-0019	145	PA-110N	153
49-5324	136	49-0029	145	PA-111N	153
49-5325	136	49-0029-1	145	PA-113N	153
49-5326	136	49-0036	145	PA-114N	153
49-5400	136	49-0039	145	PA-115N	153
49-5500	136	49-0040	145	Polaris Motorcycle	154
6440N	137	49-0062	146	Starter	154
6791N-B	137	49-0066	146	PS-120N	154
Mercury Marine	137	49-0075	146	Polaris PWC	154
Alternators	137	49-0078	146	Starters	154
12176N	137	49-0130	146	49-1093	154
12347N	138	49-0150	146	Polaris Snowmobile	154
240-209AN	138	49-0151	146	49-0152	154
293-18N	138	49-0153	147	Salt Spreader	154
49-3147	138	49-0154	147	Motors	154
49-3148	138	49-0176	147	82-7859	154
Starters	138	49-5314	147	Sea-Doo PWC	154
18347N	138	49-5315	147	Starters	154
49-0004	139	49-5323	147	49-1090	154
49-0005	139	49-5324	147	49-1091	154
49-0010	139	49-5325	148	49-1096	155
49-0011	139	49-5326	148	49-1096-8T	155
49-0013	139	49-5400	148	49-1098	155
49-0014	139	49-5500	148	49-1102	155
49-0015	139	6440N	148	Ski-Doo Snowmobile	155
49-0021	140	6788N-B	148	128000-1671	155
49-0022	140	6791N-B	149	49-5250	155
49-0028	140	Onan	149	BA-110N	156
49-0031	140	103-229N	149	SK-101N	156
49-0032	140	103-238N	149	SK-102N	156
49-0051	140	103-239N	149	SN-150N	156
49-0053	140	103-365N	149	Stators	156
49-0070	140	18358N	149	Honda	156
49-0079	141	228000-5440	150	67-2608	156
49-0081	141	49-0017	150	Kawasaki	156
49-0083	141	49-0033	150	67-2501	156
49-0089	141	49-0034	150	67-2502	157
49-0155	141	49-7240	150	67-2505	157
49-0156	141	49-9540	150	67-2609	157
49-0175	141	Pleasurcraft	150	Suzuki	158
49-0177	141	Alternators	150	67-2503	158
49-0178	142	240-209AN	150	67-2606	158
49-0179	142	49-3148	150	Yamaha	158
49-3240	142	Starters	151	67-2500	158
49-5400	142	6440N	151	67-2504	158
49-5500	142	Polaris ATV	151	67-2607	158
6788N-B	142	Drives & Drive Kits	151	Suzuki ATV	159
6791N-B	143	PA-103	151		
MS-101N	143	PA-103-1	151		
MS-102N	143				
S114-828B	143				

Table of Contents

Categorized Listing

Starters	159	49-6680	168	S108-87A	176
191-520N	159	49-6795	168	S108-97A	176
SA-101N	159	Tecumseh	169	S108-99B	176
SA-102N	159	49-7001	169	S114-221J	176
SA-103	160	Tecumseh	169	S114-263B	177
SA-104N	160	49-9094	169	S114-323C	177
SA-105N	160	5893N	169	S114-559B	177
SA-106N	160	Tecumseh	169	S114-660B	177
SA-108N	160	TC-110N	169	S114-828B	177
SA-110N	161	Tecumseh	169	S114-836A	177
SA-111N	161	TC-111N	169	S114-838A	177
SA-112N	161	TC-112N	169	YM-1N	178
SA-113N	161	Thermo Electron	170	YM-3N	178
Suzuki Marine	161	6440N	170	YM-4N	178
49-3240	161	Tiger Shark PWC	170	YM-5N	178
MS-103N	162	49-1097	170	YM-6N	178
S108-120	162	Tohatsu	170	Yamaha Motorcycle	179
S114-555	162	S114-667	170	18757N	179
S114-673	162	Toro	170	YS-1	179
S114-674	162	18358N	170	YS-10	179
Suzuki Motorcycle	162	19617N	170	YS-11	179
18733N	162	Triumph Motorcycle	171	YS-12	179
SA-106N	162	TS-101N	171	YS-13	179
SA-108N	163	Volvo Marine	171	YS-14	180
SS-10	163	49-5314	171	YS-15	180
SS-11	163	49-5315	171	YS-16	180
SS-12	163	49-5323	171	YS-17N	180
SS-13	163	49-5324	171	YS-19N	180
SS-14N	163	49-5325	171	YS-2	180
SS-15	163	49-5326	171	YS-21	181
SS-16	164	49-5400	172	YS-22	181
SS-17	164	49-5500	172	YS-23	181
SS-18	164	6788N-B	172	YS-24N	181
SS-19	164	6791N-B	172	YS-25	181
SS-1N	164	Yamaha ATV	172	YS-26	181
SS-21	164	18757N	172	YS-27N	182
SS-22	165	18761N	173	YS-28	182
SS-23N	165	YA-101N	173	YS-29	182
SS-26	165	YA-102N	173	YS-3	182
SS-27	165	YA-103N	173	YS-30	182
SS-28	165	YA-105N	173	YS-31	182
SS-29	166	YA-106N	173	YS-32	182
SS-2N	166	YA-107N	173	YS-33	183
SS-3	166	YA-108N	174	YS-34N	183
SS-30	166	Yamaha Marine	174	YS-37	183
SS-33N	166	Alternators	174	YS-39	183
SS-34	166	12176N	174	YS-4	183
SS-4	166	293-18N	174	YS-40	183
SS-5	167	Starters	174	YS-41N	184
SS-6	167	18311N	174	YS-42	184
SS-7N	167	18347N	174	YS-5	184
SS-8	167	49-3240	175	YS-6	184
SS-9	167	49-5314	175	YS-7	184
Tecumseh	167	49-5326	175	YS-8	184
47-0023	167	MS-101N	175	YS-9	185
48-2509	168	MS-102N	175	Yamaha PWC	185
Tecumseh	168	S106-07F	176	18436N	185
49-3607	168	S108-80B	176	49-1095	185
49-3830	168			49-1099	185
49-3835	168			49-1103M	185
49-5765	168			AR-PWY500	185
				WY-1	185

Table of Contents

Categorized Listing

WY-4N	186
Yamaha Scooters	186
49-8888	186
Yamaha Snowmobile	186
49-5252	186
49-5253	186
Yanmar	186
104-197N	186
16191N	186

Cross Reference

Reference #	Sales #
144740	47-2002
145640	60-1013
18272	31-2943
19223	31-2930
203323	49-0154
203740	49-0154
21544	GE-102N
228940	49-0062
24560500	31-2946
246540	49-0062
246540	49-0062
246640	49-0062
255640	49-0153
255740	60-1053
261240	60-1014
028000-7300	028000-7300
028000-7301	028000-7300
028300-771	WD-4
0285-014	SA-106N
028510-0632	47-0632
028530-1031	028530-1031
3115200	31-2930
44767	31-2937
450533	PA-108N
599440	49-9809
599540	49-9810
0645-183	5943N
0645-312	5943N
0745-018	5944N
0745-030	5944N
0745-052	5944N
0745-257	5944N
801140	60-1056
802940	60-1078
814240	49-0003
0825-011	AC-1
0825-013	AC-1
0837-009	AC-6
996140	49-0004
996240	49-0011
996340	49-0005
996440	49-0011
1-1155	31-2936
1-1853	31-2947
1-403121	31-2946
1-543070	31-2932
100211-4620	12530N
100211-4621	12530N
100211-4630	12530N
100211-4631	12530N
10032	3129N
10033	3159N
10040	3183N
10041	3199N
101211-3460	12347N
101211-3460	12347N
101211-8770	12534N
101211-8771	12534N
1012422	44-3120

Reference #	Sales #
1018294-01	G110
103-0206	31-2945
103-229N	103-229N
103-238	103-238N
103-238N	103-238N
103-239N	103-239N
103-365N	103-365N
103286	31-2930
103990	31-2940
103991	31-2938
104-197N	104-197N
104-2541	31-2945
104211-77010	16191N
104211-77011	16191N
10455513	2-2022-DR
10455513	49-7480
10465606	6788N
1059340	60-1045
106-223	5922N
106-231	5936N
106-526A	49-7120
106-526B	49-7120
106-535	49-7110
10615620	49-5620
10615620MO18SM	49-5620
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107-118N	107-118N
107-121N	107-121N
107-124N	107-124N
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107-155	49-6240
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10813	49-6225
10813A	49-6245
10833	49-6266
10847N	10847N
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1090040	68-7800
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1100576	49-3147
1100577	49-3147
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1101996	340-40N
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1101998	340-41N
1102393	49-3147
1102496	49-3147
1105478	49-3147
1107967	340-40N
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1108525	6440N
1109484	6440N

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1113510	49-0004
1113518	49-0004
1113553	49-0004
1113569	49-0004
1113577	49-0004
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1134-2946-02	31-5971
1146340	49-9809
1147840	49-0070
1149540	49-0082
1177440	60-1032
12-403-01	KH4301
12-41-1-243-181	BM-2N
12-41-1-244-606	BM-2N
12-41-1-244-670	BM-2N
12-41-1-350-246	BM-2N
12-41-1-357-500	BM-2N
12-41-2-306-700	BM-1N
12-41-2-306-700	18355N
12-41-9-062-425	BM-2N
1209804	49-9812
1209806	49-9813
1209808	49-9812
1209809	49-9813
1209810	48-2509
1209812	49-9813
1209813	49-9812
1209816	1209823S
1209823	1209823S
1209823S	1209823S
12176N	12176N
12347N	12347N
1240301S	KH4301
12498-63010	49-9365
1250640	60-1037
1250740	49-9809
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12534	12534N
12534N	12534N
128000-1190	SA-105N
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128000-1491	HA-101N
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128000-1671	SK-101N
128000-2750	190-551N
128000-2890	49-2890
128000-4020	49-9365
128000-4520	128000-4520
128000-4800	18976N
128000-4860	49-1090
128000-4981	SS-22
128000-4990	YA-105N
128000-5500	49-5501
128000-5750	2-1791-ND
128000-6050	DS-101N
128000-6550	49-2890
128000-7050	49-7050

Cross Reference

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128000-7480	2-2022-DR
128000-7480	49-7480
128000-7940	49-7940
128000-8040	KA-111N
128000-8450	S8055NC
128000-8456	S8055NC
128000-8630	TS-101N
128000-9360	49-9360
128000-9400	49-9003
128000-9980	KA-110N
129698-77010	104-197N
129846	31-2930
131000-T0301	TS-101N
1310000	TS-101N
131095	31-2941
1385540	60-1030
1385940	60-1031
1386340	60-1034
1389040	60-1033
139940	49-0062
140301	31-2934
14336A15	49-8018
14336A20	49-8025
14336A20	49-8018
14336A6	49-8018
14336A8	49-8025
14336A9	49-8018
1487940	60-1049
1491640	49-0014
1492540	49-9811
1509802S	1509802S
15531-64601	J5050
1574540	49-9804
1574740	47-2005
158913	31-2932
16191N	16191N
1622805	31-2935
1635340	49-9809
1637540	60-1055
1679006	31-2935
1686637	31-2935
1718340	49-0015
172543	49-6216
172869	67-714
17312	103-238N
17333	103-229N
1754250	31-2932
1754250P	31-2932
1758145	31-2946
176491A1	49-0008
1770540	49-9237
1770640	47-2006
1776740	60-1043
1780040	60-1040
1791640	49-0062
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1796640	60-1036
1801940	60-1054
1806440	60-1065

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180681M93	31-2970
1819040	49-9237
1819140	49-0065
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1820040	60-1050
1820040	60-1059
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18355N	18355N
18358N	18358N
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18435	49-1097
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185046160	49-5050
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18549N	18549N
185530	J5050
18563N	18563N
18670N	18670N
18683	HA-121N
1868540	60-1020
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18718	SA-108N
18733N	18733N
1873610010	31-5970
18747	SS-34
18757	18757N
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18761	18761N
18761N	18761N
18785	SS-22
18796	SA-106N
18808	SA-103N
18809	SA-110N
18810	SA-113N
18819N	18819N
18821	BA-107N
18822	BA-108N
18823N	18823N
18840	SA-110N
18845	YS-42
18880N	18880N
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18883	AC-12
18884	AC-13
1890040	60-1089
1890240	60-1080
18905N	18905N
18905N-CHR	18905N-CHR
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1893840	60-1090
1894640	60-1087
18976N	18976N

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190-6125	49-6075
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191-1567	49-7240
191-1630	49-0033
191-1682-02	103-229N
191-1682-04	103-239N
191-1682-05	103-238N
191-1748	TRR2277
191-1798	49-0034
191-1804-04	103-239N
191-1808-04	103-239N
191-1808-05	103-238N
191-1828	49-0017
191-1949-04	103-239N
191-1949-05	103-238N
191-2106	TRR2277
191-2132	49-0033
191-2158	49-0033
191-2208	TRR2277
191-2227	TRR2277
191-355	18717N
191-379	18761N
191-381	18757N
191-391A	HA-121N
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191-556	AC-6
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199-089N	199-089N
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1FK-81800-10-00	YS-24N
1RM-81410-20-00	67-2504
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2-1766-HD-1	2-1766-HD-1
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2-1931-ND	2-1931-ND
2-2022-DR	2-2022-DR
2-2022-DR	49-7480
2-2169-ND	2-2169-ND
2-2170-ND	2-2170-ND
2020040	49-0018

Cross Reference

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2025040	60-1010
2034640	60-1048
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2070240	49-0062
2070340	49-0062
2071640	60-1010
21001-1083	A7T20199
21001-1123	A7T20199
21003-1013	67-2502
21003-1038	67-2502
21003-1040	67-2501
21003-1256	67-2502
21003-1327	67-2501
21003-1377	67-2609
21066-2056	KW2056
21066-2070	KW2056
21066-2071	KW2071
21076-023	67-2505
21163-1098	KS-21
21163-1101	B-17
21163-1147	KA-111N
21163-1196	KS-21A
21163-1263	KS-16A
21163-1274	KS-33
21163-1328	18717N
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21163-2114	KA-109N
21163-2118	KA-109N
21163-2120	KE-111N
21163-2129	18990N
21163-3712	49-1092
21163-3715	49-1100
21163-7001	49-7001
21163-7007	5922N
21163-7013	KE-112N
21163-7015	18549N
21163-7017	KE-112N
21163-7020	18533N
21163-S004	SA-108N
21174-3703	TR-102N
21196-7010	49-7001
2136140	60-1017
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2161142	31-2946
2279450	31-2930
22800-2640	2-2022-DR

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22800-4552	49-1091
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228000-2211	KA-109N
228000-4620	825095
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228000-6911	SK-102N
228000-8020	BS-112N
228000-8480	SS-23N
228000-8481	SS-23N
228000-9180	KE-111N
228000-9261	18549N
228000-9480	HN-111N
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234279	JDR4720
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237335	JDR2256
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2409801	2-2022-DR
2409801	49-7480
2409803	2-2022-DR
2409803	49-7480
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25-098-05	49-7120
25-098-06	49-7120
25-098-07	49-7120
25-099-02	31-2938
25-099-04S	31-2938
25-435-02	31-5946
2509803	48-2509
2509804	48-2509
2509805	48-2509
2509806	48-2509
2509807	48-2509
2509808	2-2022-DR
2509808	49-7480
2509809	2-2022-DR
2509809	49-7480
25661	31-5949
2575503S	KH4309
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267726	18423N
27-2360	31-2941
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27060-87211	12530N
27060-87212	12530N
27065G01	G102
27739G01	44-3119
278-000-038	49-1096-8T
278-000-311	49-1090
278-000-316	49-1090
278-000-485	49-1091
278-000-577	49-1096
278-000-987	49-1098

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278-001-241	4229-124
278-001-241	S1002S
278-001-292	10847N
278-001-301	49-1096-8T
278-001-497	49-1096-8T
278-001-554	4229-124
278-001-554	S1002S
278232	49-0153
28-4210	31-8943
280104	47-8320
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281127	47-8321
2875530S	2875530S
29-5560	31-2950
290-5169	12534N
290-888-999	49-1102
293-18N	293-18N
29975-65B	49-9700
29975-65C	49-9701
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300118	300118
300174	300174
300565	300565
3008-093	49-1097
3008-327	49-1097
3008-462	49-1097
3008-536	49-1097
3085521	31-5955
3085639	77-1000
3088069	PA-110N
3088464	PA-114N
3089-879	PA-111N
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309100	309-H
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Cross Reference

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31100-02C10	SA-103N
31100-07F00	SS-22
31100-11H00	SA-112N
31100-12D01	SS-28
31100-15D10	SS-34
31100-18A00	SA-103N
31100-24B00	SS-22
31100-24B10	SS-22
31100-24B11	SS-22
31100-24B11-H17	SS-22
31100-24F00	SS-23N
31100-24F01	SS-23N
31100-24F10	SS-33N
31100-26D00	18733N
31100-26D010	18733N
31100-29F00	SA-108N
31100-31G00	191-520N
31100-31G00	SA-113N
31100-32C11	SS-26
31100-32E00	SS-28
31100-32E01	SS-28
31100-35B00	SA-103N
31100-35B10	SA-103N
31100-35B11	SA-103N
31100-40C00	18733N
31100-40C02	18733N
31100-40F00	SS-27

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31100-44D10	SA-106N
31100-44D20	SA-106N
31100-44D21	SA-106N
31100-45G00	SA-111
31100-45G00	SA-111N
31100-48E00	SS-29
31100-87D00	S114-674
31100-87D10	S114-674
31100-92E00	S114-674
31100-94600	S114-673
31100-94601	S114-673
31100-94610	S114-673
31100-95600	S114-555
31100-95601	S114-555
31100-MCA-003	A5TA7599
31100-MCA-7000	A5TA7599
31100-MT2-005	GA-101N-90
31100-MT2-005	LR140-708C
31100-MT2-005	GA-101N
31100-MT2-015	GA-101N-90
31100-MT2-015	LR140-708C
31100-MT2-015	GA-101N
311100-34020	SS-30
311200-MBO-005	67-2608
311200-MBO-015	67-2608
311200-MBO-025	67-2608
311200-MBO-405	67-2608
311200-MBO-415	67-2608
31130-40B01	SM-80
31200-889-831	31200-889-831
31200-GBL-000	HS-62N
31200-GBL-770	HS-62N
31200-GWO-010	HS-62N
31200-HA7-315	HA-103N
31200-HA7-773	HA-104N
31200-HAO-0682	HA-101N
31200-HC-033	HA-102N
31200-HC4-023	HA-102N
31200-HEO-003	HA-106N
31200-HM3-671	HA-105N
31200-HM8-003	HA-107N
31200-HM8-013	78-3000
31200-HN1-A41	HA-123N
31200-HN7-003	HA-121N
31200-HP1-601	HA-122N
31200-HW1-671	49-1101
31200-KAB-008	HS-69
31200-KAB-018	HS-69
31200-KAB-770	HS-69
31200-KAB-771	HS-69
31200-MAA-008	HS-38N
31200-MAA-008	HS-38
31200-MBA-600	18670N
31200-MBA-711	18670N
31200-MCA-A60	HS-65N
31200-MCA-A61	HS-65N
31200-MEA-671	HS-70
31200-MEL-D21	18923N
31200-MEM-671	HS-70

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31200-MFL-003	HS-68
31200-MG8-008	HS-38N
31200-MG8-008	HS-38
31200-MG8-018	HS-38N
31200-MG8-018	HS-38
31200-MG9-004	HS-40
31200-MG9-405	HS-40
31200-MG9-505	HS-40
31200-MKB-J01	18670N
31200-MM8-008	HS-38N
31200-MM8-008	HS-38
31200-MZ0-003	HS-66
31200-Z2E-003	HN-110N
31200-Z2E-013	HN-110N
31200-ZC5-0130	S114-677
31200-ZE1-023	49-8996
31200-ZF5-L32	49-0042
31200-ZF5A-L310	49-0042
31200-ZH9-003	49-9003
31200-ZJ1-004	49-0041
31200-ZJ4-003	49-0041
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31200-ZW5-003	19602N
31200-ZW5-0030,	19602N
31200-ZW5A-0032,	19602N
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31204-ZE1-003	31-8990
31204-ZE1-013	31-8990
31210-HP2-671	HA-124
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31210-ZA0-982	18423N
31210-ZA0-983	18423N
31210-ZE3-0130	190-551N
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31300-95240	49-3240
31390-86	S8055NC
31401-45020	67-2606
31401-45021	67-2606
31401-45030	67-2606
31401-45111	67-2503
31401-45120	67-2503
31401-47020	67-2503
31401-47021	67-2503
31401-47030	67-2503
3141N	3141N
31443-65	54-169
3144N	3144N
31458-66C	2-1766-HD-1
31458-66TA	2-1766-HD
31505-81	028000-7300
31552-89	2-1791-ND
31552-89A	2-1791-ND
31553-90	2-2169-ND

Cross Reference

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3159N	3159N
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31600-460-73	S1003S
31600-461-771	S1003L
31600-463-008	S1002GL
31600-HM8-003	78-3000
31600-KY2-703	TRR6330
31600-M65-00	S1003L
31600-MA2-008	S1003L
31600-MA7-088	S1003L
31600-MG9-010	S1002GL
31600-MV4-000	TRR6330
31619-06	18905N
31619-06	18905N-CHR
31621-06	18905N
31621-06	18905N-CHR
31663-90	HD-1
3183N	3183N
3199N	3199N
32-098-01S	49-7110
3201-189	AC-3N
324-0110	49-1093
32510	49-3835
3276M	3276M
32800-43400	S1002L
32800-43400	44-3600
32800-43X50	44-3600
32800-44120	S1002E
32800-45220	S1002L
32800-47120	S1002E
32800-49140	S1002E
32800-49320	S1002L
32800-49430	S1002L
32800-49430	44-3600
32817	49-3835
3301-142	AC-12
3301-706	AC-13
3303-556	AC-10
3304-274	AC-4N
3304-639	AC-11
3313-433	AC-6
3313-719	AC-6
33290	TC-111N
33290D	TC-111N
33290E	TC-111N
33328	TC-112N
33329	TC-110N
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33431	48-9136
33432	48-9811
33433A	48-9248
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33522	48-9244
33524	48-9110
33542	48-9813
33607	49-3607
33712	47-9605
33835	49-3835

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33844	48-9112
33845	48-9857
33847	48-9881
33848	47-9606
33852	48-9890
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340-41N	340-41N
340-44N	340-44N
3420	S108-80B
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34954	48-9133
34955	48-9245
35135	TCC-106
35135A	TCC-106
353-76010-04	S114-667
353-76010-1AO	S114-667
353-76010-300	S114-667
3545-003	SA-104N
3545-012	SA-106N
3545-015	SA-106N
3545-016	SA-110N
3545-020	SA-113N
3545-024	SA-106N
35452	47-1003
35452	47-9202
35709	49-9094
35763A	49-6680
35765A	49-5765
35850-HA7-71	31-8960
35850-HA7-771	31-8960
35895	48-9856
35896	47-8014
35900	48-9880
36680	49-6680
36795	49-6795
36853	48-9613
36914	47-0023
37284	5893N
37425	47-0023
378444	67-718
378674	49-0153
379818	49-0153
380139	49-0153
380361	82-6851
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38100-87D00-02H	49-6269
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38100-87E10-0ED	49-6269
38100-87E20-0ED	TR-101N
38100-92E00-0ES	TR-101N
381864	49-0153
382138M	82-6851
382220	82-6851
382715	49-6216
383622	67-701

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3850525-1	49-5323
3850525-1	49-5325
3850927-9	293-18N
3853945	107-112N
385401	49-0153
3854809-5	293-18N
385529	49-0062
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3860566-3	6791N-B
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386591	49-0153
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386671	49-0039
387094	49-0003
387277	49-6206
389954	49-0062
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391264	49-8004
391461	47-8206
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391511	49-0029-1
391705	47-8104
391735	49-0039
392329	BSC-101
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393254	47-8201
393259	49-8004
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393499	49-7401
393570	49-0066
393988	49-8004
394716	49-8004
394805	49-7599
394890	BR4890
394891	BSC-101
394943	49-7401
395207	49-0003
395419	67-701
395491	BSC-103
395492	BSC-104
395537	47-8301
395537	47-8301
395538	47-8106
395840	49-8004
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396306	49-6306
396865	47-8205
397023	49-0029
397023	49-0029-1
397358	BSC-103
397809	BR7809
398003	47-8200
398265	BSC-104
398593	BSC-102
398811	BSC-104
398892	47-8551
399169	49-7401

Cross Reference

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40-416	49-8006
40-5940	31-2950
401-0675	49-1093
4010930	31-5955
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4011979-479	PA-115N
40152	7320N
4060155	PS-120N
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410-209-200	SN-150N
410-212-400	SN-150N
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4109806	49-9806
4109808	49-9808
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4140308S	JDR4720
4140309S	KH4309
4140310S	KH4309
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420-684-560	18880N
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428000-2741	18990N
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428000-3530	49-5250
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47-8231	47-8231
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4730940	49-0066
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4787140	60-1057
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Cross Reference

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4809805	49-0035
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4820440	49-0014
4820540	49-0015
4823040	60-1018
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49-9023	49-9023
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49-9360	49-9360
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Cross Reference

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490420	49-7401
490421	47-8205
490467	47-8201
490753	49-5122
490768	48-3890
491546	BR1546
491836	47-8203
492341	BSC-106
493219	BR3219
493237	BSC-105
494198	49-7401
494990	49-7401
495100	49-8148
495104	49-5122
495859	BSC-106
495877	47-8201
495878	47-8205
496881	49-6881
496914	BSC-102
497401	49-7401
497595	49-7599
497603	47-8229
497604	47-8210
497605	47-8302
497606	47-8202
497607	47-8305
497608	47-8013
498148	49-8148
498149	5933N
499308	48-3890
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4JG-81890-00-00	YS-42
4KB	YA-106N
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4PP-81410-00-00	67-2504
4WM-81890-00-00	YS-31
4WM-81890-01-00	YS-31
4X7-81410-20-00	67-2607
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50-12177A2	49-5325

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50-30842	49-0005
50-32403	49-0004
50-32411	49-0004
50-38890	49-0004
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50-44414	49-0014
50-44415	49-0015
50-514955	49-0082
50-55601	49-0004
50-57465	49-0070
50-575955	49-0051
50-57867	49-0070
50-58788	49-0005
50-60315	49-0011
50-616955-1	49-0010
50-64975	49-0089
50-65436	49-0011
50-65785A1	6440N
50-66015	49-0011
50-66015-1	49-0079
50-72467	49-0070
50-77141	49-0014
50-79472	49-0015
50-79604A	6440N
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50-819271	49-0021
50-819968	49-0028
50-819968-1	49-0028
50-820193	49-0032
50-822462	49-0031
50-830308	49-0155
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50-833153T-5	49-0156
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50-852570	49-0178
50-853329T	6794N
50-854636T	49-0175
50-859169T	49-0155
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515-176-133	49-5250
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5695040	60-1088
5695140	60-1046

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5705140	49-0153
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5711640	49-0151
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582047	49-6206
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5847990	49-0029-1
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586276	49-0154
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586281	49-0176
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5943N	5943N
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5980420	60-1059
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5EL-81890-01-00	YS-34N
5TG-81800-00-00	18761N
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5TJ-81890-10-00	YS-37
5TJ-81890-20-00	YS-37
5TJ-81890-30-00	YS-37
5UM-81890-00-00	YS-39
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62X-43880-09	49-6266
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64E-43880-00-00	49-6240
64E-43880-01-00	49-6240
64X-81800-00-00	WY-4N
6513540	60-1150
6560020-M030SM	49-7120
67-2500	67-2500
67-2501	67-2501
67-2502	67-2502
67-2503	67-2503
67-2504	67-2504
67-2505	67-2505
67-2606	67-2606
67-2607	67-2607
67-2608	67-2608
67-2609	67-2609
67-701	67-701
67-710	67-710
67-711	67-711
67-712	67-712
67-713	67-713
67-714	67-714
67-715	67-715
67-718	67-718
6727040-M030SM	49-7120
6743040	49-0175
6743240	49-0177
676-81800-10	S114-221J
676-81800-10-00	49-3240
6767520	60-1059
6781540	49-0155
6781540	49-0156
6782140-M030SM	49-0179
6788N	6788N
67914A2	49-6217
6791N-B	6791N-B
6794N	6794N
68-7800	68-7800
68-7800-1	68-7800-1
68-8222	68-8222

Cross Reference

Reference #	Sales #
6873740	49-0178
689-81800-11	S108-80B
689-81800-12	S108-80B
689-81800-13	S108-80B
691185	BR4890
691188	BR1546
691286	47-8305
691376	695550
691564	49-1564
691918	47-8321
692304	47-8229
693054	49-3054
693551	49-3551
693552	49-3552
693713	693713
693713	47-8325
694504	5936N
695479	49-5479
695550	695550
697-81800-10	S114-221J
697-81800-10-00	49-3240
697-81800-11	S114-221J
697-81800-11-00	49-3240
697-81800-12	S114-221J
697-81800-12-00	49-3240
697-81800-13	S114-221J
697-81800-13-00	49-3240
69729	49-3147
6D3-81800-00-00	18436N
6E5-81800-10-00	YM-3N
6E5-81800-11-00	YM-3N
6E5-81800-12-00	YM-3N
6G5-43880-02	107-124N
6H3-81800-10	18311N
6H3-81800-10	S108-97A
6H3-81800-11	18311N
6H3-81800-11	S108-97A
6M6-81800-10-00	49-1095
7-989	7-989
7-989C	7-989C
700171	31-2946
7009940	60-1065
7010340	60-1063
70106	3129N
7011155	31-2936
70112	3159N
70114	3199N
70116	3183N
7011853	31-2947
7017817	31-2946
711-296-120	18819N
711-296-125	18819N
711294351	BA-104N
711888991	BA-105N
71470-86T	7-989
71470-86T	7-989C
71473-778	7-989
71473-778	7-989C
715208	715208

Reference #	Sales #
725-0771	31-7934
725-1396	31-2931
725-1426	31-7935
725-1717	31-2934
725-3232	31-2946
7320N	7320N
740015	31-2946
74253-84A	H2386
74253-84A	H2386C
74505-97	H0597
74505-97	H0597C
74510-70A	H1070
74510-70A	H1070C
74510-75A	H1075
74510-75A	H1075C
74512-00	H1200
74512-00	H1200C
74512-79A	H1075
74512-79A	H1075C
74512-84	H1686
74512-84	H1686C
74513-82A	H1686
74513-82A	H1686C
74513-85	H1686
74513-85	H1686C
74515-86	H1686
74515-86	H1686C
74516-66	H1686
74516-66	H1686C
74518-99A	H1899
74518-99A	H1899C
74519-88	H1988
74519-88	H1988CBB
74519-88	H1988C
74610-01	H1001
74610-01	H1001C
76395A2	49-6217
76395A5	49-6217
77-1000	77-1000
77-2000	77-2000
77510-75A	H1075
77510-75A	H1075C
78-2000	78-2000
78-2001	78-2001
78-3000	78-3000
78403A1	49-3147
792377	31-2928
8-702	8-702
802574	BSC-105
805447T	12176N
805884	12176N
805884-P	12176N
805884-T	12176N
807383	49-6075
808498	BS-112N
809054	49-6075
809885A1	49-6276
80988A2	49-6276
81-7200	81-7200

Reference #	Sales #
811628	49-6279
811674	49-6276
811699	49-6276
813447	49-6276
815279-3	TRR3072
815279-5	TRR3072
815279T	TRR3072
817119-2	293-18N
82-6851	82-6851
82-7850	82-7850
82-7859	82-7859
823653A5	49-6270
823653A5	6270
824051	107-121N
825084	12530N
825095	825095
825095	BS-111N
825991A-2	49-5652
830179-2	TRR3072
830179T	TRR3072
834832	12347N
834832	12347N
834832T2	12347N
834832T2	12347N
850834-3	107-118N
852928	49-6224
852928	49-6225
852928	49-6245
854346-4	49-6227
854346-4	49-6232
854515	TRR3072
854525-3	6232
856748	TRR3072
87266	GE102N
87828	49-0008
88-9830	31-2945
88183A12	49-8025
88183A12	49-8018
88183A5	49-8018
88183A8	49-8018
883072	TRR3072
883072T	TRR3072
88475A5	49-6217
884932	49-0018
884982	49-0018
89-68258-A4	67-710
89-96054	67-711
89-96158	67-712
897048-970-0	GP9905
897048-970-1	GP9905
897048-970-2	GP9905
8BB-81800-01-00	49-5252
8CW-81800-00-00	49-5253
8CW-81800-01-00	49-5253
8N10500WG	31-8995
8N3679C	31-8999
8TJ-81801-00-00	B-16
9000839	6791N-B
9000840	6791N-B

Cross Reference

Reference #	Sales #
9000855	6794N
9000884	6791N-B
9000895	6788N
91846	31-2943
92377	31-2928
92459A4	49-6270
92459A4	6270
925-0873	31-2946
925-1396	31-2931
925-1717	31-2934
925-3232	31-2946
92556	31-2934
92975A28	49-6217
92975A6	49-6217
93247A4	49-6217
93247A7	49-6217
9640640	1209823S
9712809-550	49-5501
979774	67-715
980821	6440N
982058	49-8006
982706	49-8006
983019	49-8004
985063	67-713
985237	49-8004
986280	107-112N
986505	49-5323
986505	49-5325
99-4013	99-4013
9910.101	9910.101
9910.101	9910.101
9910.1015	9910.1015
9910.1116	9910.1116
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9910.1119	9910.1119
9915-0003	9915.0003
9915-0009	9915.0009
9915-0012	9915.0012
9915-0013	9915.0013
9915-0014	9915.0014
9915-0042	9915.0042
9915-0113	9915.0113
9915-0173	9915.0173
9915-0233	9915.0233
9915-0272	9915.0272
9915-0283	9915.0283
9915.0003	9915.0003
9915.0009	9915.0009
9915.0012	9915.0012
9915.0013	9915.0013
9915.0014	9915.0014
9915.004	9915.004
9915.004	9915.004
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9915.0113	9915.0113
9915.0173	9915.0173
9915.0233	9915.0233
9915.0272	9915.0272

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9915.0283	9915.0283
9916.0013	9916.0013
9916.0026	9916.0026
9916.007	48-9820
9916.0071	9916.0071
9916.008	9916.008
9916.008	9916.008
9916.0081	9916.0081
995430	128000-1671
995430	SK-101N
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A31200-152-00	BA-108N
A31208-133-000	BA-106N
A5TA7599	A5TA7599
A5TA7599ZC	A5TA7599
A7692	GE102N
A7692	GE-102N
A7T20199	A7T20199
AC-1	AC-1
AC-10	AC-10
AC-11	AC-11
AC-12	AC-12
AC-13	AC-13
AC-3N	AC-3N
AC-4N	AC-4N
AC-6	AC-6
AC155603	293-18N
AC165610	12176N
AC165616	12176N
AHGA52	A5TA7599
ALK6210	7320N
ALK6210A	7320N
ALK6222	7320N
ALK6222A	7320N
ALK6222AY	7320N
ALK6222AYS	7320N
ALK6222Y	7320N
AM101561	31-2942
AM102544	31-2937
AM102544	31-2940
AM102567	49-2890
AM102596	JDR4720
AM102596	KH4309
AM102628	49-2760
AM105575	49-5501
AM107206	49-2890
AM108390	2-2022-DR
AM108390	49-7480
AM108615	49-7940
AM109172	103-229N
AM109408	49-9360
AM109462	KW2071
AM130407	49-7120
AM132303	KE-111N
AM132818	49-7120
AM133646	18549N
AM134946	18533N
AM31995	31-2940
AM32318	31-2930

Reference #	Sales #
AM33845	JDR2256
AM3424B	49-9809
AM37200	JDR2256
AM37725	49-9804
AM38227	31-2948
AMJ7869	49-9809
AOOB0331	293-18N
AR-PWY500	AR-PWY500
AW26844	49-7050
B-1	B-1
B-10	B-10
B-11	B-11
B-12	B-12
B-13	B-13
B-14	B-14
B-15	B-15
B-16	B-16
B-17	B-17
B-2	B-2
B-3	B-3
B-4	B-4
B-5	B-5
B-6	B-6
B-7	B-7
B-8	B-8
B-9	B-9
BA-104N	BA-104N
BA-105N	BA-105N
BA-106N	BA-106N
BA-107N	BA-107N
BA-108N	BA-108N
BF93692	BF93692
BG3037S	BG3037S
BG3038S	BG3038S
BM-1N	BM-1N
BM-2N	BM-2N
BR1546	BR1546
BR3219	BR3219
BR4890	BR4890
BR7809	BR7809
BS-111N	BS-111N
BS-112N	BS-112N
BSC-101	BSC-101
BSC-102	BSC-102
BSC-103	BSC-103
BSC-104	BSC-104
BSC-105	BSC-105
BSC-106	BSC-106
C420-296-125	18819N
C420-888-991	BA-105N
CH-101	CH-101
CH-102	CH-102
CH-103N	CH-103N
CH-104N	CH-104N
CH-105N	CH-105N
CH-106N	CH-106N
CH-107N	CH-107N
CP1012422	44-3120
CP551406	60-1014

Cross Reference

Reference #	Sales #
D406	AC-6
D6R75	BM-1N
D6RA15	BM-2N
D6RA21	18355N
D6RA210	18355N
D6RA42	18358N
D6RA55	BM-1N
D6RA7	BM-2N
D9004A	GE-101N
D9004B	GE-101N
D9230	GE102N
D9230	GE-102N
DDWDZ	HN-110N
DS-101N	DS-101N
DV440	WD-1
DV551067AS	60-1047
DV551092AS	60-1051
E0601	GE-101N
E6JL-11001-AA	49-0087
EGT12S	49-9023
ERH4102	49-6217
ESQ12S	49-9022
ETK-4102	82-6851
ETN12BS	49-9021
EVC4002	49-6206
EVD-4001	49-8006
EVD-4002	49-8006
EVF1012S	49-9024
EVH4002	49-6224
EVH4002	49-6225
EVH4002	49-6245
EVK4001	49-6216
G100	G100
G102	G102
G106	G106
G107	G107
G108	G108
G109	G109
G110	G110
GA-101N	GA-101N
GA-101N-90	GA-101N-90
GE-101N	GE-101N
GE-102N	GE-102N
GE-103N	GE-103N
GE102N	GE102N
GG1-803100	44-3120
GK-8-781	HS-49
GL	GL
GP9901	GP9905
GP9905	GP9905
GSB107-02	G109
GSB107-04A	G107
GSB107-06B	G106
GSB107-06E	G100
GSB107-06F	G108
GSB107-10B	G102
GSB107-1100	44-3000
GSB107-1301	44-1000
GSB107-1310	44-1300

Reference #	Sales #
GSB107-1401	44-1001
GSB107-1610	44-3125
H0478	H0478
H0478C	H0478C
H0482	H0482
H0482C	H0482C
H0597	H0597
H0597C	H0597C
H1001	H1001
H1001C	H1001C
H1070	H1070
H1070C	H1070C
H1075	H1075
H1075C	H1075C
H1200	H1200
H1200C	H1200C
H1686	H1686
H1686C	H1686C
H1899	H1899
H1899C	H1899C
H1988	H1988
H1988C	H1988C
H1988CBB	H1988CBB
H2386	H2386
H2386C	H2386C
HA-101N	HA-101N
HA-102N	HA-102N
HA-103N	HA-103N
HA-104N	HA-104N
HA-105N	HA-105N
HA-106N	HA-106N
HA-107N	HA-107N
HA-108N	HA-108N
HA-109	HA-109
HA-110	HA-110
HA-111	HA-111
HA-111N	HA-111N
HA-112	HA-112
HA-113N	HA-113N
HA-114N	HA-114N
HA-115N	HA-115N
HA-116N	HA-116N
HA-117N	HA-117N
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HA-123N	HA-123N
HA-124	HA-124
HD-1	HD-1
HN-110N	HN-110N
HN-111N	HN-111N
HS-1	HS-1
HS-10	HS-10
HS-11	HS-11
HS-11A	HS-11A
HS-12	HS-12

Reference #	Sales #
HS-13	HS-13
HS-14	HS-14
HS-15	HS-15
HS-16	HS-16
HS-17	HS-17
HS-18	HS-18
HS-19	HS-19
HS-19N	HS-19N
HS-2	HS-2
HS-20	HS-20
HS-21	HS-21
HS-22	HS-22
HS-23	HS-23
HS-24	HS-24
HS-25	HS-25
HS-26N	HS-26N
HS-27	HS-27
HS-28	HS-28
HS-29	HS-29
HS-30	HS-30
HS-31	HS-31
HS-32	HS-32
HS-33	HS-33
HS-34	HS-34
HS-35	HS-35
HS-36N	HS-36N
HS-37	HS-37
HS-38	HS-38
HS-38N	HS-38N
HS-39N	HS-39N
HS-3N	HS-3N
HS-40	HS-40
HS-41N	HS-41N
HS-42	HS-42
HS-43	HS-43
HS-44	HS-44
HS-45N	HS-45N
HS-46N	HS-46N
HS-47	HS-47
HS-48	HS-48
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HS-4N	HS-4N
HS-50N	HS-50N
HS-51	HS-51
HS-52	HS-52
HS-53	HS-53
HS-54	HS-54
HS-55	HS-55
HS-5N	HS-5N
HS-6	HS-6
HS-62N	HS-62N
HS-65N	HS-65N
HS-66	HS-66
HS-67	HS-67
HS-68	HS-68
HS-69	HS-69
HS-7	HS-7
HS-70	HS-70
HS-8	HS-8

Cross Reference

Reference #	Sales #
HS-9	HS-9
J38-81160-10-00	44-3121
J5050	J5050
JDR2256	JDR2256
JDR4720	JDR4720
JN3-81150-00-00	44-1301
JN3-81166-00-00	44-1001
JN6H11000	G100
K-98	60-1078
K3511-81410	KB-101N
K3511-81410-1	KB-101N
K7561-61910	12534N
K7561-61911	12534N
KA-101	KA-101
KA-102	KA-102
KA-103	KA-103
KA-104N	KA-104N
KA-105N	KA-105N
KA-106N	KA-106N
KA-107N	KA-107N
KA-108	KA-108
KA-109N	KA-109N
KA-110N	KA-110N
KA-111N	KA-111N
KA-114N	KA-114N
KB-101N	KB-101N
KE-111N	KE-111N
KE-112N	KE-112N
KH4301	KH4301
KH4309	KH4309
KS-1	KS-1
KS-10	KS-10
KS-11	KS-11
KS-12	KS-12
KS-13	KS-13
KS-14	KS-14
KS-15	KS-15
KS-16	KS-16
KS-16A	KS-16A
KS-17	KS-17
KS-18	KS-18
KS-19	KS-19
KS-20	KS-20
KS-21	KS-21
KS-21A	KS-21A
KS-22	KS-22
KS-23	KS-23
KS-24	KS-24
KS-25	KS-25
KS-26	KS-26
KS-27	KS-27
KS-28	KS-28
KS-29	KS-29
KS-2N	KS-2N
KS-3	KS-3
KS-33	KS-33
KS-4	KS-4
KS-5	KS-5
KS-6	KS-6

Reference #	Sales #
KS-7	KS-7
KS-8	KS-8
KS-9	KS-9
KT-101N	KT-101N
KT-102	KT-102
KT10900	68-7800
KT65580	47-8040
KW2056	KW2056
KW2071	KW2071
LG808726	BS-112N
LR140-708	GA-101N-90
LR140-708	LR140-708C
LR140-708	GA-101N
LR140-708C	GA-101N-90
LR140-708C	LR140-708C
LR140-708C	GA-101N
LT80-CS90	SA-101N
M0T60381	19602N
M0T65081	19602N
M131287	KH4301
M2T65771	103-365N
M70121	KW2056
M97348	KW2056
MD551046A	82-7850
MDH4001M	49-0153
MDO4002M	49-0153
MDO4102M	49-0153
MDO4108	49-0082
MDW4002M	49-0153
MDW4104M	49-0153
MDW4204M	49-0153
MGD4002C	49-0153
MGD4002M	49-0153
MGD4102	49-0153
MGD4102A	49-0153
MGD4106	49-0039
MGD4108	49-0011
MGD4110	49-0039
MGD4115	49-0039
MGL4001B	49-0011
MGL4002	49-0010
MGL4012	49-0070
MGL4013	49-0010
MGL4014	49-0010
MJL4002	49-0070
MJL4003	49-0089
MJL4003B	49-0089
MJL4005	49-0003
MKW4001	49-0062
MKW4005	49-0010
MM48826	82-7850
MOT5001	18311N
MOT5001N	18311N
MSW4304M	49-0153
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ND-L	ND-L
ND-R	ND-R
ND-S	ND-S
OA7692	GE102N

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OA7692	GE-102N
OD9004A	GE-101N
OD9004B	GE-101N
OD9230	GE102N
OD9230	GE-102N
OD9230	GE-102N
OD92300ESV	GE102N
OD92300ESV	GE-102N
OD92300SRV	GE102N
OD92300SRV	GE-102N
OD92300SRV	GE-102N
OE0601SRV	GE-101N
OE06601	GE-101N
PA-101G	PA-101G
PA-101N	PA-101N
PA-102N	PA-102N
PA-103	PA-103
PA-103-1	PA-103-1
PA-104N	PA-104N
PA-106N	PA-106N
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PA-110N	PA-110N
PA-111N	PA-111N
PA-113N	PA-113N
PA-114N	PA-114N
PA-115N	PA-115N
POA4001	49-0039
POA4002	49-0039
PS-120N	PS-120N
PT300NM	49-6206
PT303NM	6241
PT304	107-112N
PT304NM	107-112N
PT305NM	49-6238
PT404NM	107-118N
PT440	49-6217
PT440A	49-6217
PT440AB	49-6217
PT440ABN	49-6217
PT495NK	107-121N
PT495NK-2	107-121N
PT496NK-2	49-6276
PT600NM	107-124N
PWB1	AC-6
RBK-1	RBK-1
RBK-10	RBK-10
RBK-11	RBK-11
RBK-12	RBK-12
RBK-13	RBK-13
RBK-14	RBK-14
RBK-15	RBK-15
RBK-16	RBK-16
RBK-17	RBK-17
RBK-18	RBK-18
RBK-19	RBK-19
RBK-2	RBK-2
RBK-20	RBK-20
RBK-21	RBK-21
RBK-22	RBK-22
RBK-23	RBK-23

Cross Reference

Reference #	Sales #
RBK-24	RBK-24
RBK-25	RBK-25
RBK-26	RBK-26
RBK-27	RBK-27
RBK-28	RBK-28
RBK-29	RBK-29
RBK-2B	RBK-2B
RBK-3	RBK-3
RBK-30	RBK-30
RBK-31	RBK-31
RBK-32	RBK-32
RBK-33	RBK-33
RBK-34	RBK-34
RBK-35	RBK-35
RBK-36	RBK-36
RBK-37	RBK-37
RBK-38	RBK-38
RBK-39	RBK-39
RBK-3B	RBK-3B
RBK-4	RBK-4
RBK-40	RBK-40
RBK-41	RBK-41
RBK-42	RBK-42
RBK-43	RBK-43
RBK-44	RBK-44
RBK-45	RBK-45
RBK-46	RBK-46
RBK-47	RBK-47
RBK-48	RBK-48
RBK-49	RBK-49
RBK-4R	RBK-4R
RBK-4S	RBK-4S
RBK-50	RBK-50
RBK-53	RBK-53
RBK-56	RBK-56
RBK-6	RBK-6
RBK-61	RBK-61
RBK-62	RBK-62
RBK-66	RBK-66
RBK-66A	RBK-66A
RBK-67	RBK-67
RBK-68	RBK-68
RBK-69	RBK-69
RBK-7	RBK-7
RBK-70	RBK-70
RBK-71	RBK-71
RBK-72	RBK-72
RBK-8	RBK-8
RBK-9	RBK-9
RS5101	J5050
S1002E	S1002E
S1002GL	S1002GL
S1002L	S1002L
S1002S	S1002S
S1003L	S1003L
S1003S	S1003S
S1004A	S1004A
S1004B	S1004B
S106-07B	S106-07F

Reference #	Sales #
S106-07E	S106-07F
S106-07F	S106-07F
S108-112	S108-120
S108-116	49-1094
S108-120	S108-120
S108-3	YS-14
S108-415	S114-667
S108-555	S114-555
S108-80	S108-80B
S108-80A	S108-80B
S108-80B	S108-80B
S108-87A	S108-87A
S108-94	S108-120
S108-97	18311N
S108-97	S108-97A
S108-97A	18311N
S108-97A	S108-97A
S108-99B	S108-99B
S114-194	16191N
S114-220	S114-221J
S114-220	49-3240
S114-221	S114-221J
S114-221	49-3240
S114-221E	S114-221J
S114-221F	S114-221J
S114-221G	S114-221J
S114-221H	S114-221J
S114-221J	S114-221J
S114-263B	S114-263B
S114-323	YM-3N
S114-323A	YM-3N
S114-323B	YM-3N
S114-323C	S114-323C
S114-323C	YM-3N
S114-437	S114-673
S114-551	S114-674
S114-555	S114-555
S114-559B	S114-559B
S114-559B	YM-1N
S114-561	S114-677
S114-571	S114-667
S114-660B	S114-660B
S114-667	S114-667
S114-673	S114-673
S114-674	S114-674
S114-677	S114-677
S114-680	PA-114N
S114-815	104-197N
S114-815A	104-197N
S114-828B	18347N
S114-828B	S114-828B
S114-836A	S114-836A
S114-838A	S114-838A
S31200-RB1-000	AC-4N
S5010-NC	S5010-NC
S5011-NC	S5011-NC
S8005-NC	S8005-NC
S8006-NC	S8006-NC
S8055NC	S8055NC

Reference #	Sales #
SA-101N	SA-101N
SA-102	SA-102
SA-102N	SA-102N
SA-103N	SA-103N
SA-104N	SA-104N
SA-105N	SA-105N
SA-106N	SA-106N
SA-108N	SA-108N
SA-110N	SA-110N
SA-111	SA-111
SA-111N	SA-111N
SA-112N	SA-112N
SA-113N	SA-113N
SD578-12	KW2056
SH538-12	S1002GL
SH541-12	S1002GL
SH565-12	S1004A
SH626-12	KW2056
SH629A-12	S1004B
SH633-12	TRR6330
SH637-12	KW2071
SK-101N	SK-101N
SK-102N	SK-102N
SM-10	HS-50N
SM-11	HS-48
SM-11	KA-102
SM-13	HA-113N
SM-13	HA-114N
SM-13	HA-115N
SM-13	HA-116N
SM-13	HA-117N
SM-13	HA-118
SM-13	HA-119N
SM-13	HA-120N
SM-13	HS-11A
SM-13	HS-18
SM-13	HS-19
SM-13	HS-19N
SM-13	HS-20
SM-13	HS-25
SM-13	HS-30
SM-13	HS-39N
SM-13	HS-4N
SM-13	HS-51
SM-13	HS-52
SM-13	HS-55
SM-13	HS-5N
SM-13	KA-107N
SM-13	KA-108
SM-13	KS-19
SM-13	KS-25
SM-13	KS-29
SM-13	PA-101N
SM-13	PA-102N
SM-13	PA-104N
SM-13	SA-102
SM-13	SA-102N
SM-13	SA-104N
SM-13	SM-13

Cross Reference

Reference #	Sales #
SM-13	SS-7N
SM-13	YA-107N
SM-13	YA-108N
SM-13	YS-13
SM-13	YS-19N
SM-13	YS-22
SM-13	YS-27N
SM-13	YS-30
SM-13	YS-31
SM-13	HA-118N
SM-13L	SM-13L
SM-13R	SM-13R
SM-14	HS-45N
SM-14	KT-101N
SM-14	PA-113N
SM-14	SA-104N
SM-14	SS-14N
SM-14L	SM-14L
SM-14R	SM-14R
SM-2	HS-10
SM-2	HS-32
SM-2	HS-40
SM-2	HS-41N
SM-2	HS-6
SM-2	KS-5
SM-214	HS-2
SM-220	HS-29
SM-220	HS-33
SM-223	HA-109
SM-223	HS-3N
SM-223-C	KA-103
SM-223B	YS-5
SM-223C	KS-1
SM-224	HS-35
SM-224	HS-36N
SM-224	KS-12
SM-224	KS-15
SM-2240	YS-16
SM-2241	YS-17N
SM-2241	YS-19N
SM-225	HS-1
SM-225-K	KS-22
SM-226	HS-28
SM-226	KS-22
SM-227	HS-16
SM-227	HS-21
SM-228	HA-111
SM-228	HA-111N
SM-228	HS-14
SM-228	HS-7
SM-228	HS-8
SM-229	SS-21
SM-229C	YS-23
SM-229C	YS-24N
SM-229D	YS-26
SM-22F	YS-25
SM-5	HS-47
SM-5	HS-54
SM-5220	KA-101

Reference #	Sales #
SM-59V	YA-103N
SM-7	KS-3
SM-7	KS-4
SM-7	YS-7
SM-7	YS-8
SM-7252	YS-1
SM-7255	YA-103N
SM-8	HA-110
SM-8	HA-112
SM-8	HS-11
SM-8	HS-12
SM-8	HS-13
SM-8	HS-15
SM-8	HS-17
SM-8	HS-22
SM-8	HS-23
SM-8	HS-24
SM-8	HS-26N
SM-8	HS-27
SM-8	HS-34
SM-8	HS-37
SM-8	HS-38
SM-8	HS-46N
SM-8	HS-9
SM-8	KS-10
SM-8	KS-11
SM-8	KS-16
SM-8	KS-23
SM-8	KS-24
SM-8	PA-101N
SM-8	SA-104N
SM-8	SM-8
SM-8	SS-12
SM-8	YS-21
SM-80	SM-80
SM-8101	HS-53
SM-8202	KS-8
SM-8202	KS-9
SM-8203	KS-6
SM-8204	YS-12
SM-8205	YS-6
SM-8207	KS-20
SM-8208	KS-13
SM-8209	YS-11
SM-8210	SS-5
SM-8211	KA-105N
SM-8211	KS-2N
SM-8219	YS-9
SM-8224	SS-10
SM-8227	SS-9
SM-8236	SS-11
SM-8239	KS-7
SM02610	49-0176
SM05996	49-9808
SM10629	49-0176
SM18	HS-67
SM18	HS-68
SM180059	49-0081
SM302-26	18423N

Reference #	Sales #
SM43727	49-9808
SM56665	49-9808
SM6-PWB1	AC-6
SM64	AC-1
SM64-12V	AC-1
SM69967	49-9808
SN-150N	SN-150N
SS-10	SS-10
SS-11	SS-11
SS-12	SS-12
SS-13	SS-13
SS-14N	SS-14N
SS-15	SS-15
SS-16	SS-16
SS-17	SS-17
SS-18	SS-18
SS-19	SS-19
SS-1N	SS-1N
SS-21	SS-21
SS-22	SS-22
SS-23N	SS-23N
SS-26	SS-26
SS-27	SS-27
SS-28	SS-28
SS-29	SS-29
SS-2N	SS-2N
SS-3	SS-3
SS-30	SS-30
SS-33N	SS-33N
SS-34	SS-34
SS-4	SS-4
SS-5	SS-5
SS-6	SS-6
SS-7N	SS-7N
SS-8	SS-8
SS-9	SS-9
ST-32	3129N
ST33	3159N
ST40	3183N
ST41	3199N
TC-110N	TC-110N
TC-111N	TC-111N
TC-112N	TC-112N
TCC-106	TCC-106
TR-101N	TR-101N
TR-102N	TR-102N
TR-112N	TR-112N
TRR2277	TRR2277
TRR3072	TRR3072
TRR6330	TRR6330
TS-101N	TS-101N
VIR	VIR
WD-1	WD-1
WD-3	WD-3
WD-4	WD-4
WD-5	WD-5
WD-5-1	WD-5-1
WD-6	WD-6
WK-1	WK-1

Cross Reference

Reference #	Sales #
WY-1	WY-1
WY-4N	WY-4N
YA-101N	YA-101N
YA-102N	YA-102N
YA-103N	YA-103N
YA-105N	YA-105N
YA-106N	YA-106N
YA-107N	YA-107N
YA-108N	YA-108N
YM-1N	YM-1N
YM-3N	YM-3N
YS-1	YS-1
YS-10	YS-10
YS-11	YS-11
YS-12	YS-12
YS-13	YS-13
YS-14	YS-14
YS-15	YS-15
YS-16	YS-16
YS-17N	YS-17N
YS-19N	YS-19N
YS-2	YS-2
YS-21	YS-21
YS-22	YS-22
YS-23	YS-23
YS-24N	YS-24N
YS-25	YS-25
YS-26	YS-26
YS-27N	YS-27N
YS-28	YS-28
YS-29	YS-29
YS-3	YS-3
YS-30	YS-30
YS-31	YS-31
YS-32	YS-32
YS-33	YS-33
YS-34	YS-34
YS-34N	YS-34N
YS-37	YS-37
YS-39	YS-39
YS-4	YS-4
YS-40	YS-40
YS-41N	YS-41N
YS-42	YS-42
YS-5	YS-5
YS-6	YS-6
YS-7	YS-7
YS-8	YS-8
YS-9	YS-9

Reference #	Sales #
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Reference #	Sales #
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