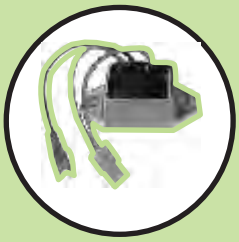
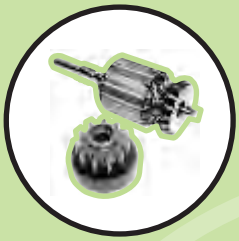
excel

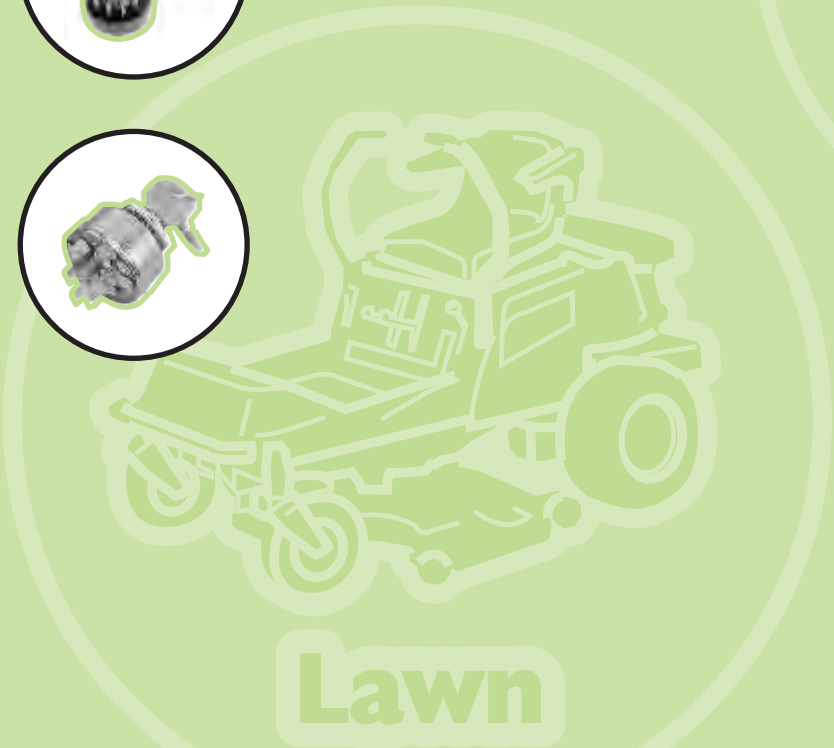
Power Products Handbook





PART 2
LAWN

Ride-on mowers & small engine starting & charging components



Lansea® Power Products
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PART 2 LAWN

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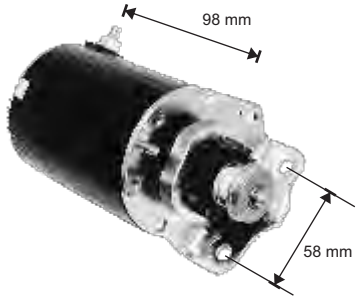
KEY SYMBOLS

2(0)	2 Mount Holes Unthreaded
2(2)	2 Mount Holes Threaded
A:	Nose Cone Spiggot diameter
B:	Pre-mesh pinion measurement
	Number of Teeth on Pinion, Direction of Rotation

Briggs & Stratton

STR 110634



12V 0.65kW
Suits Briggs & Stratton Air cooled
Replacing 390838, 391423, 392749, 394805
Engine: 7 - 11 HP
Shortcase: 98mm

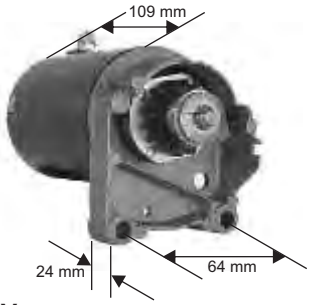
16

STR 111804

12V
Suits Briggs & Stratton
Replacing 396306
10 - 16 HP Horizontal Engines
Long Case 109mm

16

STR 112242

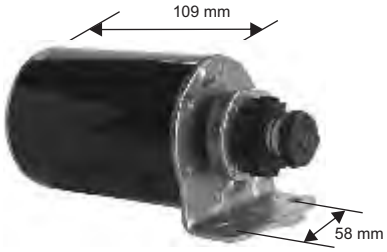


12V
Suits Briggs & Stratton
Replacing 498148
Engine Twin Cylinder 18 - 20HP
Long case 109mm

16

2(0)

STR 112563



12V 0.8kW
Suits Briggs & Stratton
Replacing 490420
Engine: 11 HP →
Longcase: 109 mm

16

2(0)

STR 113539

12V
Suits Briggs & Stratton
Replacing 691564
Engine: 12.5 - 16 HP
Vee Twin Vanguard with steel ring gear
15 tooth steel drive

15

STR 11455

12V
Suits Briggs & Stratton
Replacing 693054
Engine: 11 - 16 HP with steel ring gear
14 tooth steel drive

14

STR 11476

12V
Suits Briggs & Stratton
Replacing 492336
Engine: 3.5 - 5HP

19

Hatz

STR 112171

12 V. 1.7 kW.
Suits Acme, BCS, Ferrari, Goldoni, Hatz, Lombardini, Mosa, Ruggerini
Replacing 0001 109 029, 0001 110 033
Gear reduction

9,10

2(0) *A: 76* *B: 27 mm.*

STR 112040

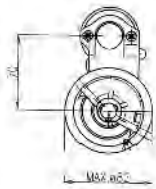
12 V. 1.5 kW.
Suits Hatz
Replacing 0001 314 047, 0986 018 080
Gear reduction

10

2(0) *A: 82* *B: 41 mm.*

STR 990059

12V 1kW
Suits Hatz



8

A: 66 mm

Honda

STR 113231

12V
Suits Honda Industrial Engines GX390 13HP, GX340 11HP
Replacing 128000-2750, -9400
31200-ZH9-003, -013
3120-ZE3-0130
Solenoid = SND 133711
Gear Reduction

14

2(2) *A:65* *B:9 mm*

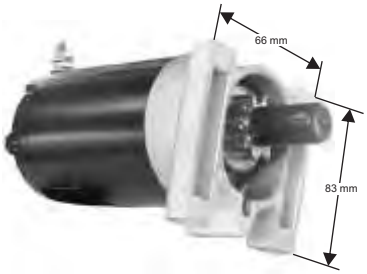
STR 112246

12 V. 0.6 kW
Suits Honda, John Deere
Replacing 028000-8410, -8411
Solenoid = SND 133711

14

2(0)

STR 113594



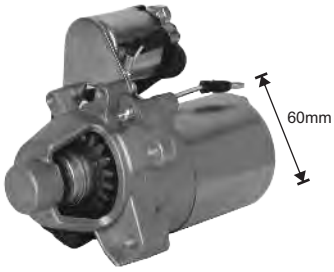
12V
Suits Honda GX620, GX610 18 - 20 HP
Replacing 31200-ZJ4-003, 31200-ZJ1-004

Drive = 32.1Ø

10

2(0)

STR 113671



12V
Suits Honda GX160, 200 6.5, 5.5 HP Engine
Replacing SM11 Mitsuba
31210-ZE1-023

17

STR 11433

12V
Suits Honda Twin Tornado GX670, John Deere 24HP
Replacing 228000-7850

12

A:54

STR 11454

12V
Suits Honda Industrial Engine
Replacing 31200ZF5A-L310

10

John Deere

STR 11427

12V
Suits John Deere mower
GT262, -265, -275, -325 1995 →
w/ Kawasaki engine
Replacing 128000-7940

9

A:75 *B:18 mm*

STR 11433

12V
Suits John Deere mower LX186, SX95
w/Honda Twin Tornado
GXV620 engine 24HP
Replacing 228000-7850

12

A:54 mm

STR 110510

12 V.
Suits John Deere mowers
w/ Kohler engine
10,12,14 HP Engines
Engine K241, K301, K321, K341
Replacing A236396, SME 12A11, SM05994

10

STR 111385

12V 0.6kW
Suits John Deere mower LX176, SX95
w/ Suzuki engine
Replacing 128000-1540, 028000-9220, 128000-1540

8

2(0) *A:65* *B:25 mm*

STR 111701

12 V
Suits John Deere mower
w/ Kohler engine
18-23 HP Engines
Engine K482, K532, K582
Replacing SM15745, 1574540M0305M

9

4(3) *A:70* *B:53mm*

STR 111702

12V
Suits John Deere mower
w/ Kohler engine
Engine K161, K181
Replacing SM43727, 4372740M30SM

16

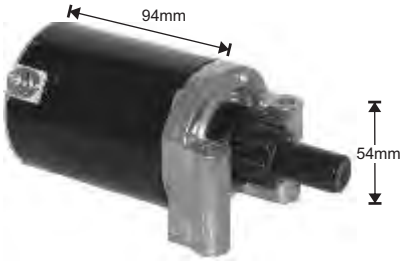
STR 112246

12V 0.6 kW
Suits John Deere mower
w/ Honda engine
Replacing 028000-8410, -8411
Solenoid = SND 133711

14

2(0)

STR 113017



12V
Suits John Deere mower STX 38
w/ CV12.5, CV14 Kohler engine
Kohler
Replacing 12-098-10, 5667140M030SM

10

2(0)

STR 113490

12V
Suits John Deere w/ Kohler engine
Replacing 028000-2870, -2871

9

2(0) *A:62* *B:24 mm*

John Deere

STR 113493

12V
Suits John Deere w/ Kohler engine
Replacing 228000-7190

11

A:63 *B:9 mm*

STR 113596

12V
Suits John Deere w/ Kubota engine
Replacing 128000-4020

9

2(2) *A:70* *B:16 mm*

STR 113491

12V
Suits John Deere w/ Kohler engine
Replacing 028000-3440, -3441

9

2(0) *A:62* *B:25 mm*

DST 770006

Dyna Start Motor

Suits John Deere Gator
Replacing GSB107-06F

Kawasaki

STR 11427

12V
Suits John Deere mower GT262, -265, -275, -325 1995 → w/ Kawasaki engine
Replacing 128000-7940 21163-2093

9

A:75 *B:18 mm*

STR 112677

12V 0.4kW
Suits Kawasaki KF100G 10HP
Replacing S108-76, -76B

9

2(0) *A:62* *B:24 mm*

STR 113593

12V
Suits Kawasaki FH451, 500, 531, 541, 580, 601, 641, 680, 721 engines
Replacing 21163-7001,-7010

10Th, 32Ø

2(0)

STR 113596

12V
Suits John Deere w/ Kubota engine, Kawasaki
Replacing 128000-4020

9

2(2) *A:70* *B:16 mm*

Kohler

STR 110510

12V
Suits John Deere w/ Kohler engine
10,12,14 HP Engines
Engine K241, K301, K321, K341
Replacing A236396,
SM05994, SME12A11

10

STR 110949

12V
Suits Kohler engines
Engine MV-16, -17, -18,
KT-17, -19, M-18
16-19 HP Engines
Replacing SM18190,
1819040M030SM

9

STR 111012

12V
Suits Kohler engines
M8, M10, M12, M16 Air Cooled
8 - 16 HP Engines
Replacing SM47330, 41-098-06

mounted to engine by the thru bolts

10

STR 111702

12V
Suits John Deere
w/ Kohler engine
Engine K161, K181
Replacing SM43727,
4373740M030SM

16

STR 111700

12V
Suits Kohler engines
K241, 301, 321, 341
10 - 16 HP Engines
Replacing 05995, 21M030SM
0599540M030SM
Low mount

10

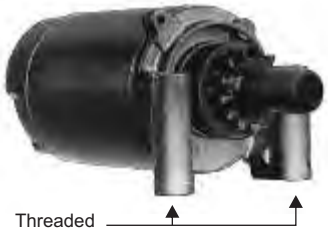
STR 111701

12V
Suits John Deere w/
Kohler engine
18-23 HP Engines
Engine K482, K532, K582
Replacing SM15745,
1574540M030SM

9

4(3) ***A:70*** ***B:53mm***

STR 112150

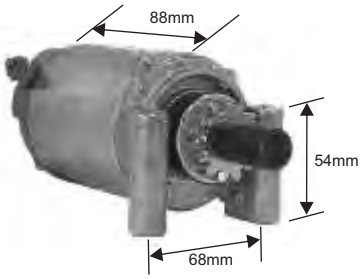


12V
Suits Kohler engines
CH11, CH12.5, CH13, CH14
CH15
Replacing 5239740M030SM
9 - 20 HP Engines

13

2(2)

STR 112244



12V
Suits Kohler engines
CH14, CV11, CV12, CV13, CV14
CV15, CV16
Replacing 5225040M030SM,
12-098-04
9 - 15 HP Engines

13

2(0)

STR 112245

12V
Suits Kohler engines
Engine K241, K301, K321, K341,
10-16HP
Replacing 1492540M030SM,
45-098-06

13

Kohler

STR 112546

12V 0.9kW
Suits V Twin Kohler, 25HP - John Deere Ride-on
Replacing 128000, -7480, 10455513 228000-2640

Replacing Both 9, 10Th, 29Ø

2(0) A:63 B: 7mm

STR 112568

12V
Suits Kohler KT17, M18 17 - 18 HP Engines
Replacing 1819140M030SM

9

B: 45mm

STR 112831

12V
Suits Kohler KT17, 19, M18, M20, MV20 17 - 20 HP Engines
Replacing SM5666A, 5666440M030SM

9

B: 43mm

STR 113017

12V
Suits John Deere w/ Kohler engine
Replacing 12-098-10, 5667140M030SM

10Th, 32Ø

2(0)

STR 113230

12V 0.7kW
Suits Kohler engines
Replacing 128000-4520

A:63 B:43mm

STR 113490

12V
Suits John Deere w/ Kohler engine
Replacing 028000-2870, -2871

9

2(0) A:62 B:24mm

STR 113491

12V
Suits John Deere w/ Kohler engine
Replacing 028000-3440, -3441

9

2(0) A:62 B:25mm

STR 113492

12V 0.6kW
Suits Kohler, John Deere OHC 16 HP Engines
Replacing 228000-6300

9

2(0) A:75 B:24mm

Kohler

STR 113493

12V 0.6kW
Suits John Deere
w/ Kohler engine
Replacing 228000-7190

11

2(0) *A:63* *B:9mm*

STR 11468

12V
Suits Husquana, Kohler Courage
Series SV4705,
-4805, -5305, 5405,
-5905, -600S
14 teeth

14

Kubota

STR 113211

12V 1.0kW
Suits Walkermower w/ Kubota eng. D1005EFM 22HP Diesel, D1105EFM 25HP Diesel, 0722 18HP Diesel, D782 21HP Diesel
Replacing 228000-5400, -7480

9

2(0) *A:66* *B:17mm*

STR 110421

12V 0.8kW
Suits Jacobsen Kubota D9050-FM 21HP Diesel, D850-5B 17HP Diesel, D950-5B 20HP Diesel, 12.5 - 20HP
Replacing 028000-7470, -7460, -9570, 228000-5910, -5911

9

2(0) *A:66mm* *B:18mm*

STR 113596

12V
Suits John Deere w/ Kubota Petrol engines GH410V 12.5HP, GH420V 14HP
Replacing 128000-4020

9

2(2) *A:70* *B:16mm*

STR 11427

12V
Suits Kubota, T170 OHX, GH540V 17HP 1992 - 95 Petrol engines
Replacing: 128000-7940

9

A:75 *B:18mm*

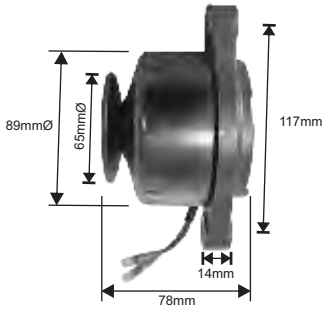
STR 110447

12V 1.0kW
Suits Kubota D1105-FM 24HP Diesel, D905-FZ 21HP Diesel, D1105F 24HP Diesel, D722 18HP Diesel, D902E-UV 21.6HP Diesel
Replacing 028000-8320, 128000-3590, 228000-0790
Gear Reduction

9

2(0) *A:66* *B:18mm*

ALT 10000



2 Phase Alternator Assembly

ALT 111048

12V 40Amp
Suits Kubota

C:24 mm

Lombardini

STR 110637

12V 0.4 kW
Suits Lombardini 25 HP, Selva marine 25 PS
Replacing M0101-12V-0.4 kW.-A/C, 0001 160 002

9

2(0) A: 62 B: 32 mm.

STR 111015

12v. 1.1kW
Suits Lombardini
Replacing 0001107062, -033, D6RA22, - 52
Gear Reduction

9

2(0) A:76 B: 16 mm

STR 111645

12 V. 0.4 kW.
Suits Lombardini,
Replacing M0101-10
Selva marine 25 PS

9

2(0) A: 62 B: 28 mm.

STR 111646

12V 0.2kW
Suits Lombardini
Replacing PN0001/3

10

2(0) B: 14 mm.

STR 111789

12V 0.2kW
Suits Lombardini, Fichtel & Sachs
Replacing PN0001/3, ES0110FUS

18

2(0) A: 50 B: 17 mm.

STR 112171

12V 1.7kW
Suits Acme, BCS, Ferrari, Goldoni, Hatz, Lombardini, Mosa, Ruggerini
Replacing 0001 109 029, 0001 110 033, 0001107024
Gear reduction

9,10

2(0) A: 76 B: 27 mm.

STR 113177

12V 1.2kW
Suits Lombardini
Replacing 0001107046

11

2(0) A: 76 B: 18 mm.

STR 112172

12V 1.6kW
Suits Ferrai, Lombardini, Mosa
Replacing 0001 109 009, 0001 314 001
Gear Reduction

9

2(0) A: 76 B: 28 mm.

STR 112339

12V 0.6kW
Suits Acme, Lombardini SX
Replacing PN0001, PN0001/A

10

2(0)

Onan

STR 112567

12V
Suits Onan
Replacing 1079540M030SM

10

2(0)

STR 112832

12V
Suits Onan Marine RV Genset engines
Replacing SM60194, 6019440M030SM

16

2(0) *A: 70* *B: 37 mm.*

STR 113015

12V
Suits Onan, B43G, B48G Engines
Replacing 4367240M030SM, SM43672

10

2(0) *B: 42mm.*

STR 113016

12V
Suits Onan
Replacing 5082740M030SM, SM50827

10

2(2) *A: 57* *B: 38mm.*

STR 113476

12V
Suits Onan engines fitted to microlites, RV Gensets
Replacing 6020940M020SM, SM60209

24

2(0) *A: 70* *B: 30mm.*

STR 113141

12V 0.8kW
Suits New Holland, Onan
Replacing M2T32581

9

2(0) *A: 74* *B: 27mm.*

Robin

STR 112659

12V 1.0kW
Suits Robin engine
EY21, DY41, DY30, DY35
Replacing S114-213, -662

9

2(0) *A:62* *B:35 mm*

STR 113494

12V 0.6kW
Suits Robin engines
Replacing S108-101

11

2(0)

STR 11464

12V
Suits Robin engines EH25
8.5HP
Replacing: 228000-0730,
254-70502-00

9

STR 11465

12V
Suits Robin engines EY18,
EY25, EY27, EY30, EY35, EY40
1976 →
Replacing S108-56, S108-107

10

2(0)

STR 11466

12V
Suits Robin engines
Replacing S114-680

9 tooth

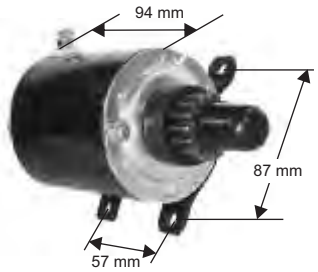
STR 11467

No Picture available at time of print

12V
Suits Robin engines
EY44
Replacing 028000-4420

Tecumseh / Toro

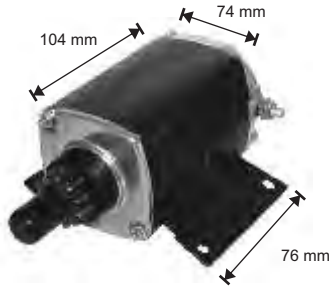
STR 112312



12V
Suits Tecumseh engines HM70, -100, OVM, OVXL120, TVM, TXL 170 -120
Replacing 35763A, 36680

16

STR 112313



Square Body Starter Motor
12 V
Suits Tecumseh engines HH80, HH100, HH120, HH150, OH140 OH160
Replacing 33835

11

Use
STR 112566
FACTORY SUPERSESSION
for Tecumseh Starter
Number 36914

STR 112564

12V
Suits Tecumseh
Replacing 32468-A, - B, 33606, 32765

16

STR 112565

12V
Suits Tecumseh
OHV Engines 135 - 165
Replacing 36795

10

STR 112566

12V
Suits Tecumseh engines OH 50, OHH 50, OHV 110, OHV 120, OHV 125, OHV 130, OHV 135
Replacing 36914, 37425

w/ longer bolts

10

STR 770005

TORO
12V
Suits Toro
Replacing D6RA42

9

ALT 111048

TORO
12V 40Amp
Suits Toro w/ Kubota Engines

C:24 mm

Yanmar

STR 110485

12V 1.4kW
Suits Thermoking w/ Yanmar engine,
Replacing S114-257G
Gear Reduction

15

2(0) A:95

STR 112373

12V 0.9kW
Suits Yanmar, John Deere Gator
Replacing S114-653A, -653B

8

2(0) A:80 B:15 mm

STR 112478

12v. 0.8kW
Suits Mitsi, Yanmar Chinese Engines
Single Cyl Diesel
Replacing S114-414, -414A, -651, -651A

8Th, 28Ø

2(0) A:66 B:15mm

STR 113408

12V 1.2kW
Suits Yanmar
Replacing S114-815, 129698-77010
Gear Reduction

11

2(0) A:95 B:19 mm

STR 113475

12V 0.6kW
Suits Yanmar D68B engines
Replacing 128000-4461

10

2(2) A:62 B:20 mm

STR 113526

12V
Suits Yanmar
Replacing 7KY-00, 31100-W0100

9

2(2) A:67 B:31 mm

STR 112291

Suits Yanmar, Dingo
Replacing S114-655A, 228000-5750

9

2(0) A:95 B:21 mm

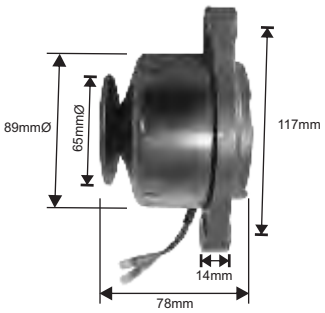
ALT 111048

12V 40Amp
Suits Yanmar

IG
L

C:24 mm

ALT 10000



2 Phase Alternator

Miscellaneous

STR 112171

RUGGERINI
12V 1.7 kW
Suits Acme, BCS, Ferrari, Goldoni, Hatz, Lombardini, Mosa, Ruggerini
Replacing 0001 109 029, 0001 110 033
Gear reduction

9,10

2(0) A: 76 B: 27 mm.

STR 113480

RUGGERINI
12v 1.2kW
Suits Ruggerini
Replacing 0001107060
Gear Reduction

9

2(0) A: 76 B: 26 mm.

STR 112497

RUGGERINI
12V
Suits Ruggerini
Replacing D6RA17, 60, 0001107058

9

2(0) A: 76 B: 28 mm.

STR 110637

SELVA
12V 0.4kW
Suits Lombardini 25 HP, Selva marine 25 PS
Replacing M0101-12V-0.4 kW.-A/C, 0001 160 002

9

2(0) A: 62 B: 32 mm.

STR 111645

SELVA
12V 0.4kW
Suits Lombardini, Selva marine 25 PS
Replacing M0101-10

9

2(0) A: 62 B: 28 mm.

STR 112161

SELVA
12V 0.35kW
Suits Selva Marine 35 PS
Replacing ES200S

9

2(0) A: 62 B: 29 mm.

STR 112250

SELVA
12V 0.6kW
Suits Selva Marine, Hirth motor 50 PS
Replacing M0101PSE

9

2(0) A: 62 B: 28 mm.

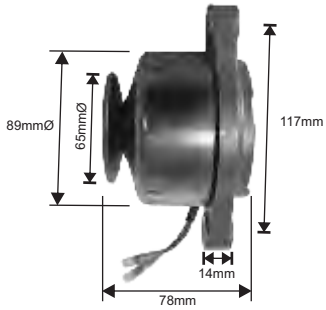
STR 113014

CUSHMAN
12V
Suits Cushman, Lincoln Welder 18 - 22 HP
Replacing 2020040M030SM

13

3(3) A: 70 B: 16 mm.

ALT 10000



2 Phase Alternator Assembly
Suits Universal

Regulator / Rectifier Assemblies

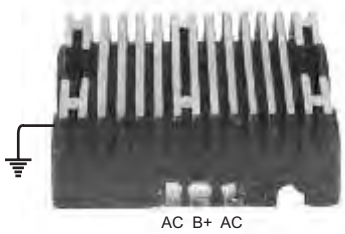
EC 234190

Rectifier lead
Suits 5 Amp. Tri-circuit systems
2-6 Amp. Diodes
Replacing 392606, 691955

EC 234192

Rectifier lead
Suits Dual circuit systems
1 - 6 Amp. Diodes
Replacing 393456

RTF 138895



Regulator / Rectifier
For Permanent magnetic system
14.5V 20A Max
Suits John Deere w/ Kohler engines
Small engines etc.
Universal Application
Replacing 610749
3 terminals STA- B+ -STA

RTF 230149

Regulator/Rectifier
12V
Suits Briggs & Stratton
8-20 HP Eng.
W/ 10-16 Amp. Charging systems
Volt setting 14.4v
Replacing 393374, 394890

RTF 230150

Regulator / Rectifier
12V
Suits Kohler
10 to 18 HP Eng.
W/ 15 Amp. charging systems.
Replacing 237335
Terminals B+ -AC -AC
Volt Setting 14.4v.

RTF 230151

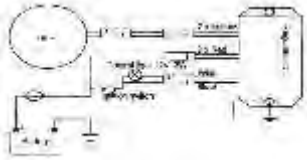
Regulator / Rectifier
12V
Suits Kohler
Replacing 25-755-03
Terminals AC- B+ -AC
Volt Setting 14.4v.

RTF 230152

Regulator / Rectifier
12V
Suits Onan
16 to 20 HP Eng.
Replacing 191-1748, -2106

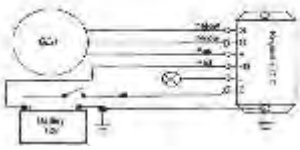
RTF 231212

Regulator / Rectifier
12V 25A
Suits Hatz
Replacing 343638, 434363800
Terminals: G - G - B+ - B+ - L - C



RTF 231469

Regulator / Rectifier
12V 22A
Suits Ducati
Replacing 343520, 434352000
Terminals: G - G - R - B+ - L - C
Connector = EC231450

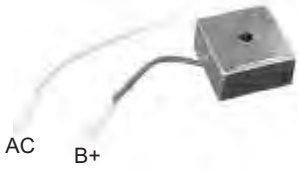


Regulator / Rectifier Assemblies

RTF 234167

Regulator / Rectifier
12V
Suits 16 Amp. Dual output charging systems 8 HP to 20 HP engines.
Replacing 493219
Accommodates no-charge lamp.
Volt Setting 14.4v.

RTF 234170



Regulator / Rectifier
12V
Suits Single Phase systems 9 Amp. charging system.
Replacing 491546, 691188
Volt Setting 14.4v.

RTF 234171

Regulator / Rectifier
12V
Suits 8 Amp. quad-circuit charging systems.
Replacing 397809, 691185
Ceramic hybrid construction
Volt Setting 14.4v.

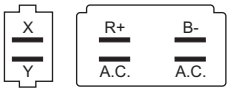
RTF 234251

AC B+ AC

Regulator / Rectifier
12V
Suits Kohler powered commercial mowers w/rope-start and electric clutch
Replacing M131287, 12-403-01
Volt Setting 14.4v.

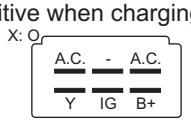
RTF 234250

Regulator / Rectifier
12V
Suits Kawasaki engines
Powered commercial mowers w/rope-start and electric clutch
Shunt type
Replacing 21066-2071, SH637-12
Capacitor = X:Orange, Y:Black



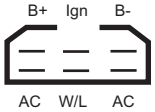
RTF 234303

Regulator / Rectifier
12V
Suits Compact Tractors and industrial equipment w/permanent magnet alternators
Replacing RS5121
X: Negative when charging
Y: Positive when charging



RTF 234407

Regulator / Rectifier
12V
Suits Kubota, Walkermower, John Deere 425, F911, 445, Kawasaki 20, 22HP water cooled V-twins
20 Amp. Charging systems with warning light circuit.
Replacing M131287, 12-403-01
6 Terminals



RTF 234408

Regulator / Rectifier
12V
Suits John Deere
Models 322, 330, 332, 670, 770, 870, 970, 1070, F915
Replacing AM101406
Terminals B+, AC, AC, L, IG

RTF 234409

Regulator / Rectifier
12V
Suits Kubota Compact Tractors w/ permanent magnetic alternator
Replacing 6661-55250, 67211-55230
w/o "No Charge" Indicator Light
Terminals (Black), B+ (Red), AC (Blue), AC (Blue)

Regulator / Rectifier Assemblies

RTF 234410

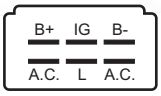
Regulator / Rectifier
12V
2 Phase

1 Red -
2 Blue - AC
3 Blue - AC
4 Black - Earth

RTF 234411

Regulator / Rectifier
12V
Suits Kubota Grasshopper model 1822D, 718D, 721D, 721G
Replacing 15531-64601, RS5101, -5155
Terminals AC (Blue), B- (Black), AC (Blue), L (Green), IG (Yellow), B+ (Red)

RTF 234412



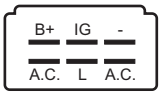
Regulator / Rectifier
12V 20A charging systems
Suits John Deere Gator 4x2 & 4x6, 2243 Diesel golf equipment, 3375 skid steer, 595 Garden tractor
Replacing M97348, RS5160
Terminals B+ (Red), IG (Yellow) B- (Black), AC (Orange), L (Brown) AC (Orange)

RTF 234413

Regulator / Rectifier
12V
Suits John Deere Compact tractor model 650, 750
Replacing M802471, RS5102, -5104
Terminals AC (Blue), - (Black), AC (Blue), L (Green), IG (Yellow), B+ (Red)

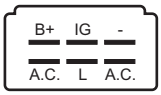
RTF 234417

Regulator / Rectifier
12V
Suits Honda Lawn Tractor
Replacing 31600 890 951



RTF 234418

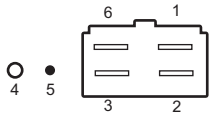
Regulator / Rectifier
12V
13,15,17 Amp charging system
Suits Kawasaki, John Deere.
Replacing 21066, M70121



RTF 20002

Regulator / Rectifier
3 Phase

1-3 White - AC
4 Red - Battery +
5 Brown - Sensor
6 Black - Earth



Brush & Spring Kits

SBR 139394

Brush & Bush Spring Kit

Size 6.1 x 9.2 x 15mm
Fits BHD112563 Brush Holder

SBR 140714

Wedge shape Brush Set

Size 4.7 x 7.9 x 12.7 x 10.7mm
Suits many applications
Fits BKT 136655, BKT136660
C.E. Bracket Assemblies

SBR 141049

Brush & Spring Kit

Size 7 x 9.4 x 12mm
Suits STR110634, STR112563
Briggs Starters
Fits BHD230397 Brush Holder

SBR 141052

Brush Set

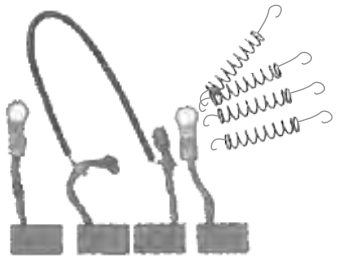
Size 9.5 x 12.6 x 15.4mm

SBR 141053

Brush & Spring Kit

Size 6.2 x 9.5 x 12.5mm

SBR 141210



Brush & Spring Kit

Size 9.5 x 6.4 x 17mm
Suits STR112313 Tecumseh
(Square body starters)
Fits Brush holder BHD112313

SBR 141211

Brush Set

Size 9.2 x 7.8 x 14.3mm
Suits Tecumseh Starters

SBR 8594

Brush Set

Size 6 x 10 x 13mm
Suits Small Mitsuba starters

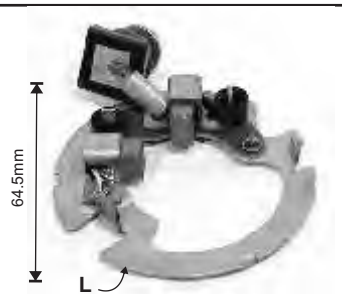
DYBR 188

Dyna Start Brush Set

Size 6 x 14 x 23mm
Suits Hitachi motors

Brackets and Brush Holders

BHD 31206



Brush Holder
Suits Mitsuba Starters on many ATV & Motorcycles
Brushes 6 x 10 x 12mm

BHD 31210

Brush Holder Kit

Suits Mitsuba, ND Starters
Brushes 6 x 10 x 12mm

BHD 110634

Complete Com. End Bracket Assembly

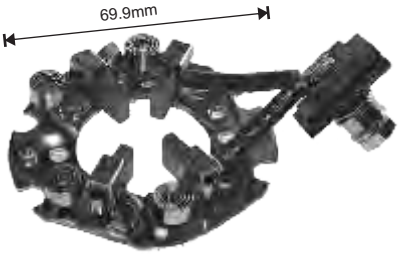
Suits Early Briggs & Stratton
Brushes to suit SBR139394
Bush to suit BUH 141050

BHD 110635

Brush Holder

Brushes 4.8 x 9.6 x 12mm

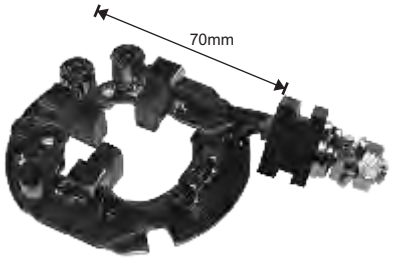
BHD 110636



Brush Holder

Suits Hitachi, Tohatsu
Brushes 4.45 x 10.75 x 16.70mm w/ M6 studs

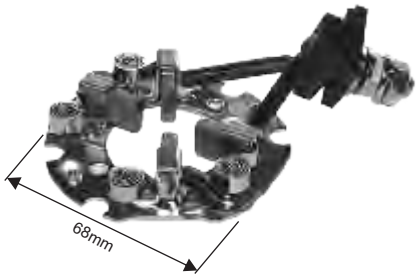
BHD 110639



Brush Holder

Suits Hitachi, Yamaha S114...series
Brushes 6.8 x 10.70 x 16mm w/M8 stud

BHD 110640



Brush Holder

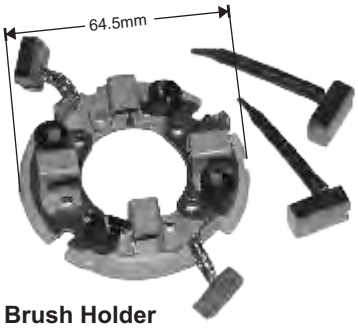
Suits Hitachi, Yamaha
Brushes 4.45 x 10.75 x 16.7mm w/M8 Stud
Fits STR 11416

BHD 110641

Brush Kit

Suits BHD110647 Brush Holder / com end bracket assembly
Brushes 6.3 x 6.3 x 8mm

BHD 110643

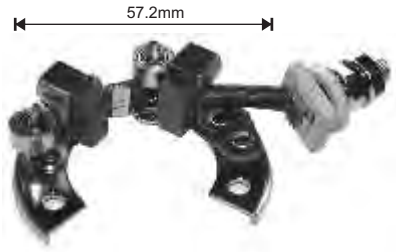


Brush Holder

Brushes 6 x 10 x 12mm

Brackets and Brush Holders

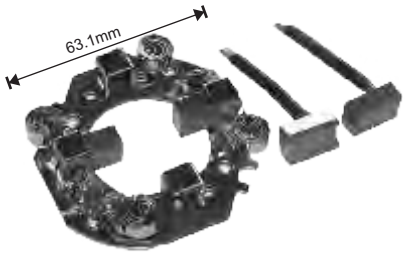
BHD 110645



Brush Holder

Suits Hitachi, Yamaha, Tohatsu, Suzuki
Brushes 6.90 x 13.70 x 13mm w/M6 stud

BHD 110646



Brush Holder

Suits Hitachi, Yamaha
Brushes 6.80 x 10.70 x 16mm

BHD 110652

Brush Holder Kit

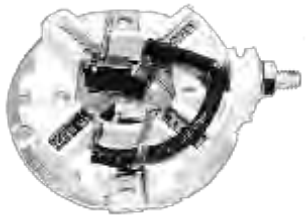
Suits ND Starters
STR 113231 Honda
Brushes 5 x 8.5 x 7mm

BHD 112313

Brush Holder

Suits Tecumseh, STR112313 square body starters
Brushes to suit SBR141210

BHD 112563



Complete Com. End Bracket Assembly

Suits U.T, Kohler Starters.
Brushes to suit SBR 139394
Bush to suit BUH 141217

BHD 133715

Brush Holder

Suits STR 112246, STR 113475
Nippondenso Starters
Brush size 6 x 9 x 12mm
Complete with spring and brushes

BHD 139166

Common Brush Holder

Suits S114-... Hitachi, John Deere Gator

BHD 230397

Brush Holder Assembly

Suits Briggs & Stratton
Includes Brushes SBR141049
Complete w/springs and brushes

BHD 230402

Common Brush Holder

Suits U.T, Many applications of small engine starters & winch motors

Brush Holder to suit BKT136655, - 136660
Brushes to suit SBR140714

Brackets

BKT 136655

Complete Com. End Bracket Assembly

Suits U.T, Outboard Starters

Brush Holder to suit BHD 230402
Brushes to suit SBR 140714
[With threaded thru bolt holes]
Bush to suit BUH 141227

BKT 136660

Complete Com. End Bracket Assembly

Suits U.T, Outboard Starters.

Brush holder to suit BHD 230402
Brushes to suit SBR 140714
[With non-threaded thru bolt holes]
Bush to suit BUH 141227

BHD 110647

Brush Holder / Com end Bracket assembly

Brush holder to suit BHD 110641
Brushes 6.3 x 6.3 x 8mm

BKT 11000

Drive End Bracket

Suits Briggs & Stratton
Fits STR 112563, STR 110634

Bush to suit BUH 141077

BKT 11001

Drive End Bracket

Suits Briggs & Stratton
Fits STR 112242

Bush to suit BUH 141051

BKT 11002

Drive End Bracket

Suits Briggs & Stratton
Fits STR 111804

Bush: BUH 141051

BKT 11003

Drive End Bracket

Suits Briggs & Stratton
Fits STR 113539

Bush: BUH 141226

BKT 11005

Drive End Bracket

Suits Wisconsin

BKT 11007

Drive End Bracket

Suits Kohler
Fits STR 110510

Accessory Products

BKT 11008

Drive End Bracket

BKT 11009

Drive End Bracket

Suits Kohler

BKT 11010

Drive End Bracket

BKT 11011

Commutator End Bracket

Suits Briggs & Stratton,
Fits STR 112563
Bush to suit BUH 141078

BKT 11012

Drive End Bracket

Suits Kohler
Fits STR 111700

BKT 11030

Drive End Bracket

Suits Kohler
Fits STR 111700

EC 10001

Drive Retainer Kit

Suits Tecumseh

EC 10000

Drive Retainer Kit

Suits Briggs & Stratton

BRG 140767

Needle roller bearing

Suits DE Brackets on Denso Starters
Size 11 x 15.5 / 14.3mm

Starter Bushes

BUH 141050

CE Bush

Suits Briggs & Stratton
Fits BHD 110634 Brush Holder

Size 9.5 x 14.3 / 18.8 x 9.55 mm

BUH 141051

DE Bush

Suits Briggs & Stratton
Fits BKT 1101 DE Bracket

Size 12.6 x 18.2 x 12.8 mm

BUH 141077

DE / CE Bush

Suits Briggs Starters
STR110634, STR112563

Fits BKT 11000 DE Bracket
Size 12.5 x 19 / 24 x 13mm

BUH 141078

DE / CE Bush

Suits Briggs Starters
STR110634, STR112563
Fits BKT 11011 CE Bracket

Size 12.6 x 18.2 x 11.6 mm

BUH 141206

Size 12.5 x 15.9 x 18 x 20mm

BUH 141207

Size 19.2 x 22.5 x 11 mm

BUH 141208

Size 14 x 18 x 17mm

BUH 141214

DE Bush

Suits Tecumseh Starters

Size 16.87 x 20.01 x 12.57mm

BUH 141215

CE Bush

Suits Tecumseh Starters

Size 9.96 x 19 x 12.1mm

Starter Bushes & Drives

BUH 141216

DE Bush

Suits STR 112312, STR 112313 STR 111012 Starters

Size 13 x 15.8 / 19 x 11mm

BUH 141217

CE Bush

Suits STR 112312, STR 112312, STR 112566 Starters
Fits BHD 112563 Brush Holder

Size 9.9 x 12.5 / 18 x 9.6mm

BUH 141218

DE Bush
Size 9.53 x 14.37 x 9.53mm

BUH 141226

DE Bush

Suits STR 111700, 113594
Fits BKT 11003 DE Bracket

Size 13.2 x 19.1 x 11.9mm

BUH 141227

CE Bush

Fits CE Brackets BKT 136660, BKT 136655, BKT 137045

Size 8.55 x 11.7 x 10mm

BUH 141228

DE Bush

Size 17.2 x 20 / 25.3 x 13.1mm

SDV 800076

Gear Only
Suits Briggs & Stratton
Metal 14 tooth gear
OD 40.5mm, W 13mm

14

SDV 24369

Drive
13 tooth, 6 Spline
OD 39mm, OL 36.7mm, ID 13.3mm

SDV 24370

Drive
9 tooth
OD 26mm, OL 36.5mm
ID 10mm

9

Starter Drives

SDV 24371

Drive
10 tooth
OD 32mm, OL 30mm
ID 11mm

10

SDV 133714

Drive
Suits Nippondenso, Honda, John Deere Starter
14 tooth
33.5mmL, OD 30mm
Fits STR 112246

14

SDV 135408

Drive
Suits Kohler Starters
9 tooth
L 36.6mm OD 28.7mm, ID 12.5mm

9

SDV 135409

Drive kit
Suits John Deere, Kohler Starters
L. 29.8 mm, O.D. 32 mm, ID 10mm
6 spline, 10 tooth
Fits WSA 234214, WSA 234215

10

SDV 135410

Drive
Suits John Deere, Kohler Starters
4 spline 10 tooth
L. 30.3 mm, O.D. 32 mm, ID 11mm

10

SDV 135411

Drive
Suits Briggs & Stratton Starters
18 tooth
L. 29.9 mm, O.D. 38.4 mm

18

SDV 137278

Drive
Suits Briggs & Stratton
16 tooth
OD 41mm W 11.5mm
Gear only SDV 139395
Roll pin fitment

16

SDV 139395

Gear only
Suits Briggs & Stratton
Plastic 16 tooth gear
O.D. 41 mm, W. 11.5 mm

16

SDV 139417

Drive kit
Suits Briggs & Stratton
16 tooth
OD 41mm W 11.5mm
Gear only SDV 139395
Roll pin & cup clip fitment

16

Starter Drives

SDV 139418

Drive kit
Suits Briggs & Stratton
16 tooth
OD 41mm W 11.5mm
Gear only SDV 139395
Roll pin & cup clip fitment

16

SDV 230398

Drive kit
Suits Briggs & Stratton
24 tooth drive
O.D. 58.5 mm, W. 11.5 mm
Circlip fitment

24

SDV 230399

Drive kit
Suits Briggs & Stratton
16 tooth drive
O.D. 40 mm, W. 19.5 mm
Rollpin & cup clip fitment

16

SDV 230400

Drive kit
Suits Briggs & Stratton
16 tooth
O.D. 41 mm, W. 11.5 mm
Gear only SDV 139395
Circlip fitment

16

SDV 230903

Drive kit
16 tooth
O.D. 34 mm, L. 25 mm, ID 10.6mm

16

SDV 231005

Drive
13 tooth
O.D. 38 mm, L. 30.8 mm, ID 11mm
Fits WSA 234215, STR 112245

13

SDV 231161

Drive
Suits Briggs
19 tooth
OD 66mm

19

SDV 234120

Drive
Suits Tecumseh
16 tooth
O.D. 32.5 mm, OL. 31 mm, ID 10mm
Fits STR 112312

16

SDV 234121

Drive
Suits Tecumseh
11 tooth
O.D. 32.5 mm, OL. 31 mm, ID 10mm
Fits STR 112313

11

Starter Drives

SDV 234122

Drive
Suits Tecumseh
9 tooth
O.D. 27mm, O.L. 20.5mm
Fits STR 113018, STR 113019

9

SDV 234123

Drive
Suits Tecumseh, John Deere Starters
10 tooth, 7 Spline
OD 32mm OL 33.3mm
Fits STR 112566

10

SDV 234124

Drive
Suits John Deere, Kohler
10 tooth
OD 32mm, OL 38mm, ID 10mm
Fits STR 113017

10

SDV 234970

Drive
Suits Kohler
9 tooth
OD 29mm, OL 75mm
5 Spline, CCW
Fits STR 112546
(Nippon Denso)

9

SDV 800049

Drive
Suits Kawasaki, John Deere
9 tooth
OD 29 mm, OL 32 mm, ID 12mm
Fits STR 11428

9

SDV 800057

Drive
Suits Honda
10 tooth
OD 32mm, OL 27mm 11mm ID

10

SDV 800058

Drive Gear Assembly
Suits Honda HD Starter
Fits STR 113231

14

SDV 800059

Drive
Suits Honda HD Starter
33mmL, OD 30mm, ID 12mm
Fits STR 112246

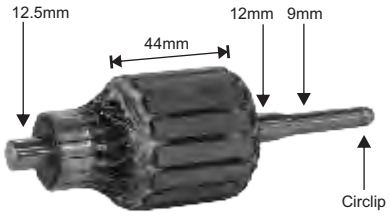
SDV 800075

Drive
Suits Briggs
15 tooth
OD 38mm, OL 27.8mm, ID 10.4mm

15

Armatures

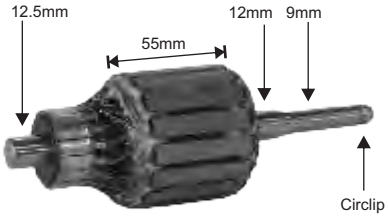
WSA 10001



Armature

Suits Briggs & Stratton
O.L. 167 mm, OD 55 mm
Fits STR 110634

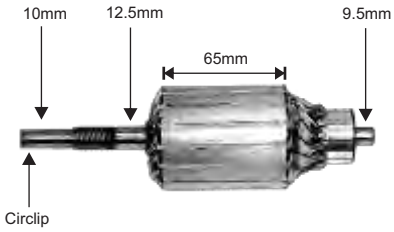
WSA 10002



Armature

Suits Briggs & Stratton
O.L. 178 mm, OD 55 mm
Fits STR 112563

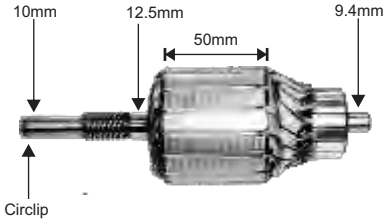
WSA 10003



Armature

Suits Tecumseh,
Square Body Starters
O.L. 183 mm, OD 52 mm
6 spline
Fits STR 112313

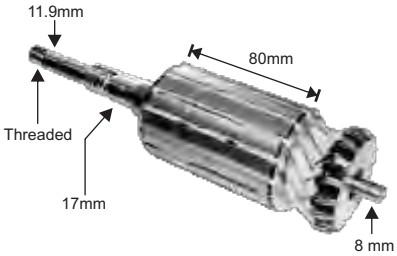
WSA 10004



Armature

Suits Tecumseh
O.L. 163 mm, OD 52 mm
7 spline

WSA 137040



Armature

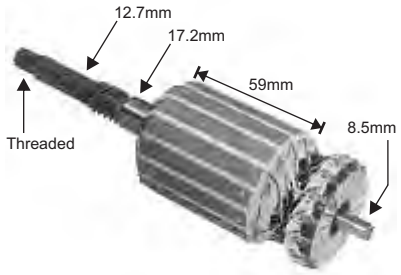
Suits UT, Kohler
OL 235mm, OD 55mm
7 Spline CCW
Fits STR 110648, -652, STR 111701

WSA 234210

Armature

Suits Early Briggs & Stratton Starters
OL 166mm, OD 55mm

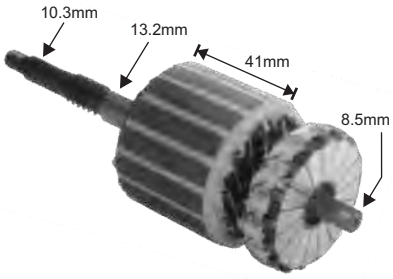
WSA 234213



Armature

Suits UT, Onan, Johnson, Evinrude
OL: 199mm OD 55.3mm
6 Spline CCW
Fits STR 110240, STR 110647,
STR 112567

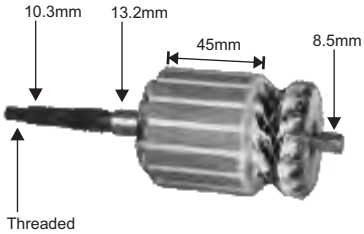
WSA 234214



Armature

Suits UT, Kohler, John Deere
OL: 166.2mm OD 55.2mm
7 Spline CCW
Fits STR 110510, STR 111700, -702

WSA 234215

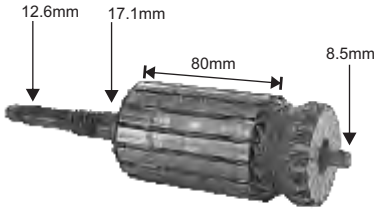


Armature

Suits U.T, Kohler
O.L. 166 mm, OD 55.2 mm
7 spline, CCW
Fits STR 110510, STR 112245

Armatures

WSA 234216

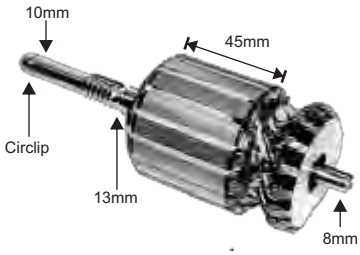


Armature

Suits U.T

O.L. 218 mm, OD 55 mm
6 spline, CCW

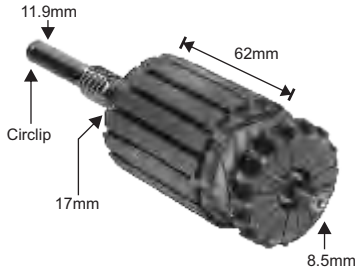
WSA 234217



Armature

Suits UT, Kohler, Honda
OL 168mm, OD 55mm
7 Spline CCW
Fits STR 111012, 111700, 113594

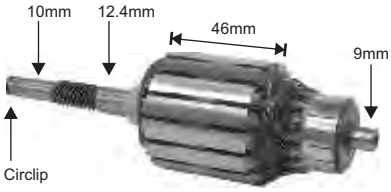
WSA 234218



Armature

Suits UT, Kohler
OL 197mm, OD 55mm
6 Spline
Fits STR 110949, STR 112568

WSA 11010



Armature

Suits Tecumseh Starter
OL 182mm, OD 52mm
7 spline
Fits STR 112566

WSA 11012

Armature

Suits John Deere
OL 169mm, OD 48mm
6 spline
Fits ND Starter STR 11428

WSA 11013

Armature

Suits Honda
OL 107.5mm, OD 35mm
19 spline
Fits ND Starter STR 113231

WSA 11016

Armature

OL 189mm, OD 48mm
6 spline
Fits ND Starter STR 112246

Starter Repair Parts

WSF 112563

Magnet Field Case
Size 78.7mm x 107mm L
Suits Briggs & Stratton
STR 112563

WSF 234471

Magnet Field Case
Size 78.7mm x 92.7mm L
Suits Briggs & Stratton

WSF 234472

Magnet Field Case
Size 78.7mm x 96.5mm L
Suits Briggs & Stratton

Solenoids

SND 133711

Solenoid
Suits Small engines
12V. 3 Terminal Solenoid

SND 80059

Solenoid
Suits Lawn and Garden small engines
12 V. 4 terminals

SND 80060

Solenoid
Suits Small engines
12 V. 3 terminals

SND 234070

Solenoid
12 V. 3 terminals
80 Amp. Capacity
1/4" studs

SND 234071

Solenoid
12 V. 3 terminals
80 Amp. Capacity
5/16" studs

SND 234072

Solenoid
12 V. 4 terminals
5/16" studs
Insulated return

SND 133809

Solenoid
Suits Nippon Denso Starters
Fits STR 11426

SND 135652

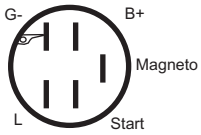
Solenoid
Suits Nippon Denso Starters

Ignition Switches & Accessories

IGS 22538

Magneto Ignition switch
Suits Ride-on lawnmowers etc.
Shank 16mmØ
5 terminals

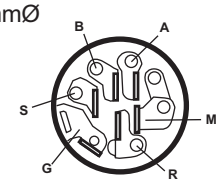
Connections
G. Ground-
B. Battery
M. Magneto
S. Start
L. Ignition / Lights



IGS 22546

Magneto Ignition switch
Suits Magneto Ignition Systems
- 6 terminals
- Sealed
- **Shank** = 20mmØ

Connections
G. Ground -
B. Battery
M. Magneto
R. Ignition
A. Lights
S. Start



IGS 22549

Magneto Ignition switch
Suits Briggs & Stratton, MTD
- 3 position
- 6 Terminals
- 16mm mounting shank

IGS 22550

Magneto Ignition switch
Suits MTD, Viking
- 4 position
- 7 Terminals
- includes lighting circuit
- 16mm mounting shank

IGS 22551

Magneto Ignition switch
Suits Briggs & Stratton, Toro
- 3 position
- 6 Terminals

IGS 22552

Magneto Ignition switch
Suits Gravely, John Deere
- 3 position
- 5 Terminals
- 14mm mounting shank

IGS 22553

Magneto Ignition switch
Suits Kohler, Toro
- 3 position
- 6 Terminals

IGS 9200

Universal Wiring Harness
Suits 5 Pin Magneto Ignition switches

BIKER 6

Electronic Battery Charger
12V 5 Amp automatic
Suits Standard, Sealed, Gel Type & Maintenance Free Batteries