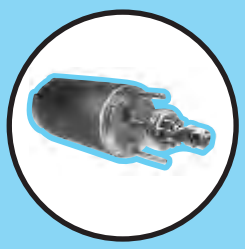
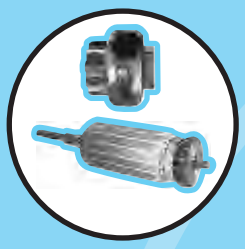
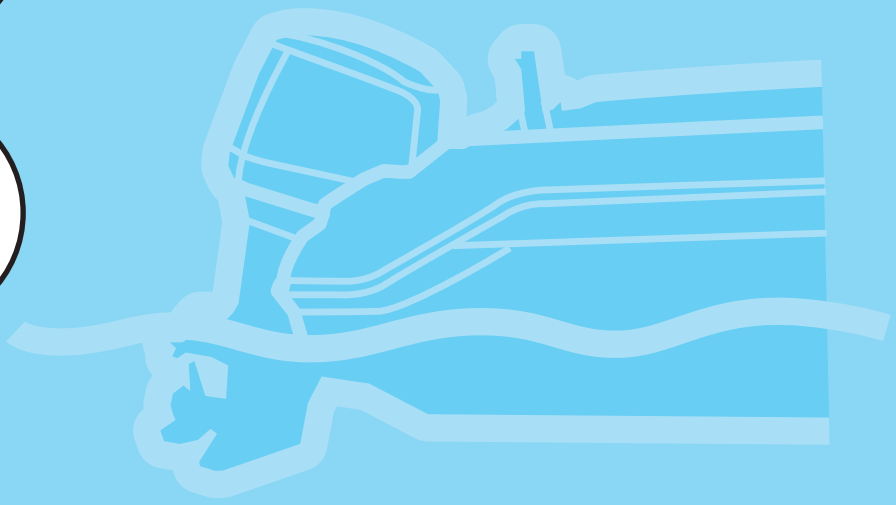
Power Products Handbook





PART 4
MARINE

Marine Outboard Starter Motors, Charging Components & Accessories



Marine

PART 4 MARINE

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KEY SYMBOLS

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

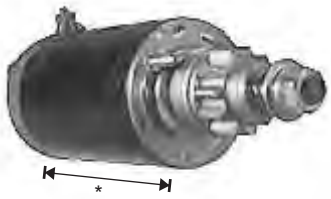
Chrysler, Force, OMC

STR 110636

12V
Suits Chrysler, 70-150HP
Force 70-150HP
* Field housing length: 122mm

9Th, 29Ø

STR 110638



12V
Suits Chrysler
* Field housing length: 105mm

11Th, 42Ø

STR 111043

12V
Suits OMC, Evinrude, Chrysler, Johnson → 40 HP
2 Cylinder Engines
* Field housing length: 89mm

11Th, 42Ø

STR 112828

12V
Suits Chrysler 20 - 35 HP
1972 - 82
Force 25 - 35HP 1986 - 90

10

STR 112827

12V
Suits Force 40 - 50HP
1988 - 99

13

A:78 ***B:29mm***

STR 112146

12V
Suits Force 75 - 120HP

9

A: 42 mm

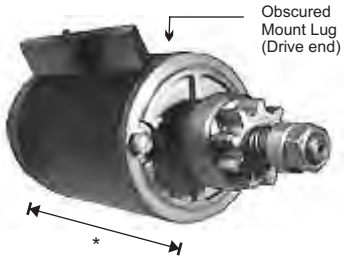
Evinrude, Johnson, OMC

STR 11405

12V
Suits OMC
9.9 - 15 HP 4 Stroke engines
1994 - 2000

10

STR 110240

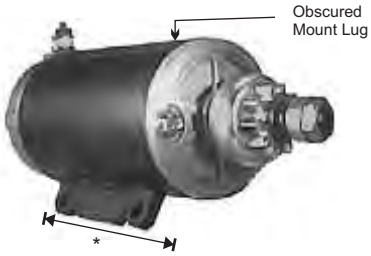


12V
Suits Evinrude, Johnson
55 - 75 HP, 3 Cylinder Engines

* Field housing Length: 102mm

9Th, 36Ø

STR 110644

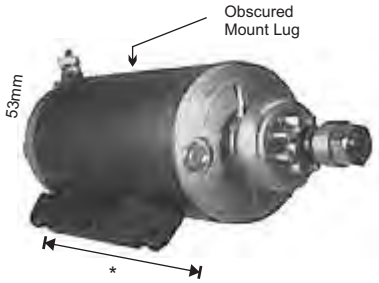


12V
Suits Evinrude, Johnson
85 - 140 HP

* Field housing length: 122mm

10Th, 32Ø

STR 110645

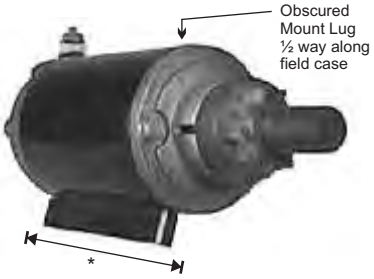


12V
Suits Evinrude, Johnson, OMC
150 - 235 HP, V6 Cross Engines

* Field housing length: 148mm

8Th, 27Ø

STR 110647



12V
Suits Evinrude, Johnson, OMC
25 - 60 HP, 2 Cylinder Engines

* Field housing length: 102mm

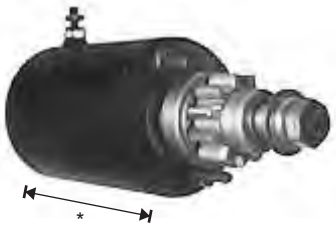
9Th, 36Ø

STR 110655

12V
Suits Evinrude, Johnson
60 HP Buccaneer 1960-63
Seaking 60 HP 1963

10

STR 111043



12V
Suits OMC, Evinrude, Chrysler, Johnson → 40HP
2 Cylinder Engines
* Field housing length: 89mm

11Th, 42Ø

STR 112145

12V
Suits Evinrude, OMC
200 - 300 HP, V6, V8
Gear reduction

10Th, 32Ø

STR 112154

12V
Suits Evinrude, OMC
120 - 140 HP V4

10

Evinrude, Johnson, OMC

STR 112155

12V
Suits Evinrude, OMC
25 - 50 HP 2 Cyl
Johnson 50 HP

9

STR 112156

12V
Suits Evinrude, OMC
20 - 35 HP 2 Cyl

9

STR 112157

12V
Suits Evinrude, OMC
150 - 175 HP V6
Johnson 90 HP

A:37mm

STR 113524

12V
Suits OMC 2 stroke
9-15HP

* Field Housing Length: 102mm

23.4mmØ

10

STR 113525

12V
Suits OMC
9.9 - 15HP

24mmØ

10

STR 113590

12V
Suits OMC, Johnson,
Evinrude 25 - 35 HP 3Cyl

10

Honda

STR 11461

12V 0.9kW
Suits Honda 4 Stroke
40HP outboard engine

Replacing S114-561, -677

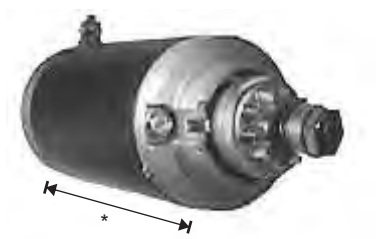
Mercury, Mariner

STR 110241

12V
Suits Mariner, Mercury 350, 402, 450, 500
1963 - 80 35 - 50 HP
* Field housing length: 105mm

9Th, 29Ø

STR 110648



12V
Suits Mariner, Mercury 4 Cyl
50 - 85 HP

* Field housing length: 129mm

10Th, 32Ø

STR 110649

12V
Suits Mariner, Mercury
90 - 200 HP Incl. V6

* Field housing length: 157mm

10Th, 32Ø

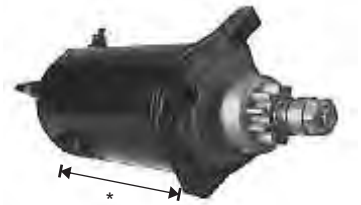
STR 110650

12V
Suits Mariner, Mercury
90 - 200 HP Incl V6

* Field housing length: 157mm

8Th, 27Ø

STR 110652

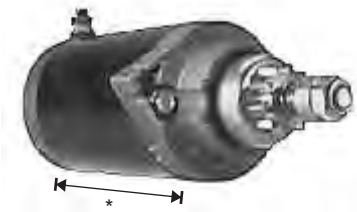


12V
Suits Mercury, Mariner, 85 HP
700, 750, 800

* Field housing length: 129mm

10

STR 110654



12V
Suits Mercury 40 - 60 HP

* Field housing length: 105mm

10Th, 32Ø,

STR 112146

12V
Suits Mercury 75-120 HP eng.

9

A: 42 mm

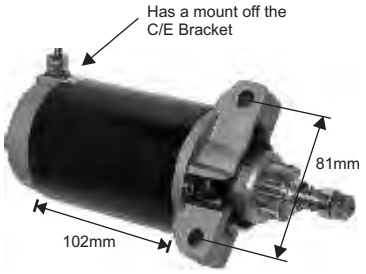
STR 112825

12V
Suits Mercury 200-250 HP eng.

8

Mercury, Mariner

STR 112826



12V
Suits Mercury 30-50 HP 1997

10

A:56 *B:44mm*

STR 112827

12V
Suits Mercury 40-50HP eng.

13

A:78 *B:29mm*

STR 112828

12V
Suits Mercury, Force
Chrysler 20 - 35 HP 1972-82

10

STR 112829

12V
Suits Mercury 25 HP
4 Stroke Engines

9

B:48mm

STR 112830

12V
Suits Mercury 30-45 HP
4 Stroke Engines

9

B:45mm

STR 113149

12V
Suits Mercury 40-50 HP eng.

13

STR 113150

12V
Suits Mercury Marine
1976-94 50-70HP eng.
32mmØ

* Field housing length: 104mm

10

A:54 *B:49mm*

STR 113591

12V
Suits Mercury 50HP
4 Stroke Engines

9

STR 113592

12V
Suits Mercury 9.9-15HP
4 Stroke Engines

9

Mercury, Mariner

STR 11404

12V
Suits Mercury
135-150HP 2.5L Engines,
200-225HP 3.0L Engines 1997-99

9

STR 112247

12V
Suits Mercury 9.9-25HP eng.

10Th, 23.5Ø

STR 11462

12V 1.4kW
Suits Mercury F 115 2000 - 04
115HP engines
Replacing S114-838A
13 teeth

Suzuki

STR 11451

12V
Suits Suzuki
DT115, DT140, PU140
115-140HP outboard engines
Replacing: S114-437, -673

9

STR 11417

12V
Suits Suzuki
90-225HP outboard engines
DT90, DT100, PU140, DT150, DT175,DT200, DT225
Replacing S114-551,-674
Body Ø 79mm
Spigot Ø 57mm
Drive Ø 28mm

8

2(2)

STR 112008

12V 0.6 kW
Suits Suzuki 30-40HP
Outboard engines DT30, 35, PU55, DF40, DT40
Replacing S108-94, -112, -120
Body Ø 68mm
Spigot Ø 67mm
Drive Ø 29mm

9

2(2)

STR 11447

12V
Suits Suzuki 50-85HP
Outboard engines DT55
Replacing S108-68

9

STR 11448

12V
Suits Suzuki DT 55/65
55-65HP Outboard engines
Replacing S114-436

9

STR 11452

12V
Suits Suzuki 75-85HP Outboard
DT75, DT85, PU85
Replacing S114-555, -407
9 tooth

STR 11420

12V
Suits Yamaha
55-60HP 2 Cyl
Replacing Hitachi S114-220, -221
Body Ø 80mm
Drive Ø 29.3mm

9

A:66.9mm

Tohatsu

STR 11423

12V
Suits Nissan 70 HP
Tohatsu M45A2, M50C, M60A, M70A, M90, M140A engines
Replacing S114-415, -667
Body Ø 79mm
Spigot Ø 57mm
Drive Ø 29mm

9

2(2)

Yamaha

STR 11418

12V
Suits Yamaha
25-40HP 2 Stroke
Replacing S108-80

11

STR 11419

12V
Suits Yamaha 60-70HP
Replacing S108-97
Body Ø 68mm
Drive Ø 28mm

9

STR 11420

12V
Suits Yamaha
55-60HP 2 Cyl
Replacing Hitachi S114-220, -221
Body Ø 80mm
Drive Ø 29.3mm

9

A:66.9mm

STR 111766

12V
Suits Yamaha V4, V6,
40-225HP Engines
Replacing S114-323
*** Field Housing Length** 80mm
Body Ø 80mm
Spigot Ø 67mm
Drive Ø 28.5mm

9

2( )

STR 11449

12V
Suits Yamaha 115-225 HP
V4 Engines
Replacing S114-552,660B

Body Ø 79mm
Spigot Ø 67mm
Drive Ø 28.6mm

9

2(2)

STR 11453

12V
Suits Yamaha 200-250
HP Engines
Replacing S114-559B
Outboard engines
9 tooth

STR 11462

12V 1.4kW
Suits Yamaha F 115 2000 - 04
115HP engines
Replacing S114-838A
13 teeth

STR 11463

12V 0.9kW
Suits Yamaha 40-50 HP Engines
1984 - 88
Replacing S108-99A

9

Regulator / Rectifier Assembies

RTF 135630

3 Wire Rectifier

Suits OMC outboards
Replacing 580841, 582307, 582399
25 Amp. Diodes
2 phase
1 power

RTF 135631

4 Wire Rectifier

Suits OMC outboards
Replacing 581771
25 Amp. Diodes
3 phase
1 power

RTF 135632

Rectifier

Suits Mercury outboards
Replacing 62351A1, -A2
25 Amp. Diodes

RTF 233976

Volt setting 14.4V

12V Regulator / Rectifier

Suits Mercury marine
5-wire
Terminals
Tach. (Grey), AC (yellow),
B+ (red male), B- (black),
AC (yellow)

RTF 233977

Volt setting 14.4V

12V Regulator / Rectifier

Suits Mercury marine
6-wire
Terminals
Tach. (Grey), AC (yellow),
Sense (red female),
B+ (red male), B- (black),
AC (yellow)

More options shown in Part 9

Repair Parts

SBR 140712

12V Starter Brush Set

Suits MGD-Series
Marine outboard, Prestolite
Size 6.6 x 15.9 x 12.8 mm

Suits Brush Holder: BHD 136930

SBR 140713

12V Starter Brush Set

Suits MGL-Series, MAL-Series
Marine outboard, Prestolite
Size 6.6 x 15.9 x 12.2 mm

Suits Brush Holder: BHD 136930

SBR 140714

12V Triangle Brush Set
Suits Marine outboard
Size 4.7 x 7.85 x 12.7 x 10.65 mm

Suits Brush Holder:
BHD 230402 & Com End
Bracket BKT 136655,
BKT 136660 & BKT 137045

BHD 31206

Brush Holder = CW

Suits Mistuba Starters
Brushes 6 x 9 x 12mm

BHD 31210

Brush Holder = CCW

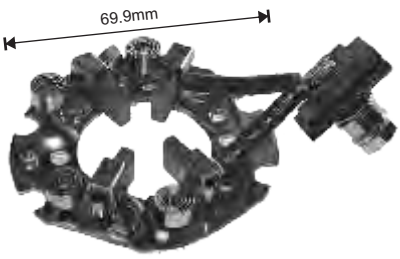
Suits Mitsuba Starters
Brushes 6 x 9 x 12mm

BHD 110635

Brush Holder

Brushes 4.8 x 9.6 x 12mm

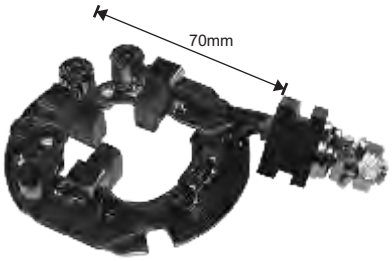
BHD 110636



Brush Holder

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

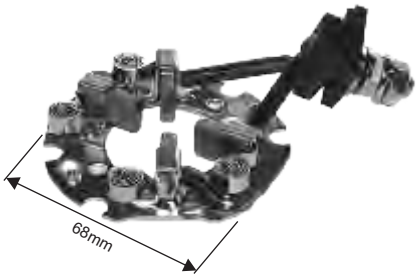
BHD 110639



Brush Holder

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

BHD 110640

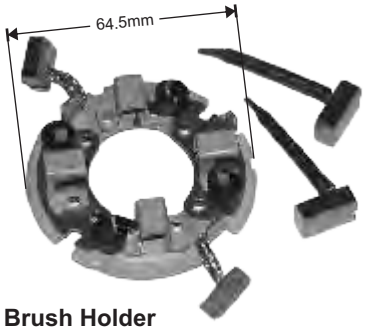


Brush Holder

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

Repair Parts

BHD 110643



Brush Holder

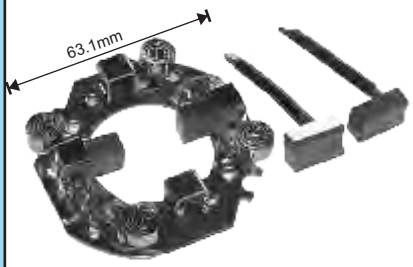
Brushes 6 x 9 x 12mm

BHD 110645

Brush Holder

Suits Hitachi, Yamaha, Tohatsu
Brushes 6.90 x 13.70 x 13mm w/M6 stud
Fits Suzuki STR 112008

BHD 110646



Brush Holder

Suits Hitachi, Yamaha
Brushes 6.80 x 10.70 x 16mm
S114.220, -263

BHD 133715

Brush Holder

Suits Denso Starters
Brushes 6 x 9 x 12mm

BHD 136930

12V Brush Holder and Spring kit

Suits MLG . . ., MJL . . ., MKQ . . ., MKW . . ., Marine outboard, Presolite Starters
4.7 x 7.85 x 12.7 x 10.65 mm
Brushes to suit: SBR140712 & SBR140713

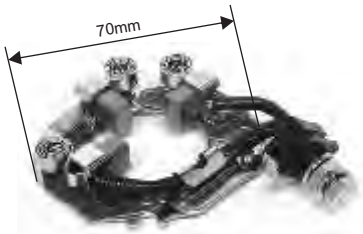
BHD 230402

Brush Holder

Suits BKT136655, -136660, 137045 CE Brackets

Brushes to suit: SBR140714

BHD 110641



Brush Holder

Suits Hitachi, Suzuki
S114... Series
Brush size: 6.8 x 10.7 x 16mm
w/ M6 stud

BHD 110647

Brush Holder

Suits Late OMC, Mercury
Brush size: 6.3 x 6.3 x 8mm

BHD 110641

Brush Kit

Suits BHD110647
Brush size: 6.3 x 6.3 x 8mm

Repair Parts

BKT 11004

DE Bracket

Suits Mercury, Mariner

BKT 11005

DE Bracket

Suits Chrysler, OMC

BKT 11006

DE Bracket

Suits Mercury

BKT 136655

CE Bracket Assembly
w/ threaded mount holes
12V
w/ Brushes
Brushes to Suit: SBR140714
Brush Holder: BHD230402
Bush to Suit: BUH141227

BKT 136660

CE Bracket Assembly
w/ non threaded mount holes
12V
Suits OMC
w/ Brushes
Brushes to Suit: SBR140714
Brush Holder: BHD230402
Bush to Suit: BUH141227

BKT 137045

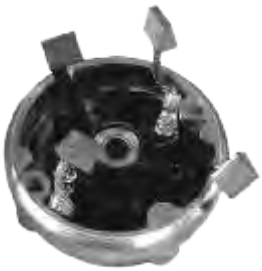
CE Bracket Assembly
w/ mounting boss at the rear of the bracket
Suits Mercury
w/ Brushes
Brushes to Suit: SBR140714
Brush Holder: BHD230402
Bush to Suit: BUH141227

BKT 231003

Bracket
Rear entry battery stud
w/ threaded mount holes

Brushes to Suit: SBR140714
Brush Holder: BHD230402
Bush to Suit: BUH141227

BKT 231004



Bracket
Rear entry battery stud
w/ non threaded mount holes

Brushes to Suit: SBR140714
Brush Holder: BHD230402
Bush to Suit: BUH141227

BKT 11028

C/E Bracket Assembly

Suits Late OMC, Mercury starters

Repair Parts

BUH 140194

DE Bush

Suits Prestolite Marine
Size 17.5 x 20.7 x 18mm

BUH 141078

Bush

Suits Briggs & Stratton
Size 12.57 x 18.21 x 11.60 mm

BUH 141156

CE Bush

Suits Prestolite Marine
Size 9.5 x 12.7 x 12.7mm

BUH 141226

DE Bush

Suits
Size 13.2 x 19.1 x 11.9 mm

BUH 141227

CE Bush

Suits UT, Marine
Size 8.55 x 11.7 x 10mm

BUH 141228

DE Bush

Suits UT, Marine
Size 17.5 x 20 / 25 x 13.1 mm

Repair Parts

SDV 135400

Starter Drive Kit
Suits OMC, Mercury, Johnson
L: 36.6 mm, OD 32 mm ID 13
6 spline, 10 tooth
Anti CW Rotation

10

SDV 135401

Starter Drive
Suits OMC, Chrysler
L. 36.8 mm, OD 42 mm
6 spline, 11 tooth
Anti CW Rotation

11Th

SDV 135402

Starter Drive Kit
Suits OMC, Mercury
L. 36.7 mm, OD 27 mm ID 12mm
6 spline, 8 tooth
Anti CW Rotation

8

SDV 135403

Starter Drive Kit
Suits Mariner, Mercury
L. 36.7 mm, OD 29 mm ID 12 mm
6 spline, 9 tooth

9

SDV 135404

Starter Drive Kit
Suits OMC, John Deere, Kohler
L. 36.4 mm, OD 36 mm ID 13 mm
6 spline, 9 tooth

9

SDV 135405

Starter Drive
Suits Chrysler, Onan,
OMC, Johnson
L. 36.4 mm, OD 40 mm ID 13 mm
6 spline, 10 tooth

10

SDV 135406

Starter Drive
Suits Chrysler
L. 36.5 mm, OD 29 mm ID 13 mm
6 spline, 9 tooth
Includes Spring & Nut Spacer

9

SDV 135408

Starter Drive
Suits Kohler
L. 36.6 mm, OD 29 mm ID 12 mm
6 spline, 9 tooth

9

SDV 231005

Starter Drive
Suits Johnson
L 31mm, OD 38mm, ID 11mm
13 tooth

13

Repair Parts

SDV 800040

Starter Drive
Suits Hitachi, Yamaha

11 tooth
Size 33mm OD, 38mm OL, 12mm ID
CCW 6 Spline

11

SDV 800042

Starter Drive
Suits Hitachi, Yamaha

9 tooth
Size 28.5mm OD, 39mm OL, 12.5mm ID
CCW 7 Spline

9

SDV 800044

Starter Drive
Suits Hitachi, Suzuki

8 tooth
Size 28mm OD, 39mm OL, 12.6mm ID
CCW 7 Spline

8

SDV 800045

Starter Drive
Suits Hitachi, Suzuki
9 tooth
Size 29mm OD, 39mm OL, 12mm ID
CCW 6 Spline

9

SDV 800049

Starter Drive

9 tooth
Size 29mm OD, 32mm OL, 12mm ID
CCW 6 Spline

9

SDV 800053

Starter Drive
Suits Hitachi, Yamaha
9 tooth
Size 28.5mm OD, 39.3mm OL, 12mm ID
CCW 6 Spline
Fits STR 111766

9

SDV 234269

Starter Drive
Suits Nippondenso Starters

9 tooth
Size 29.2mm OD, 33.6mm OL
6 Spline

9

SDV 234404

Starter Drive
Suits Nippondenso Starters
Seadoo
8 tooth
Size 28mm OD 34mm OL
6 Splines

8

SDV 133714

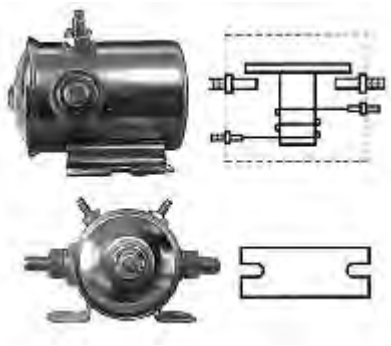
Starter Drive
Suits Nippondenso Starters

14 tooth
Size 30mm OD, 33.5mm OL
CCW

14

Repair Parts

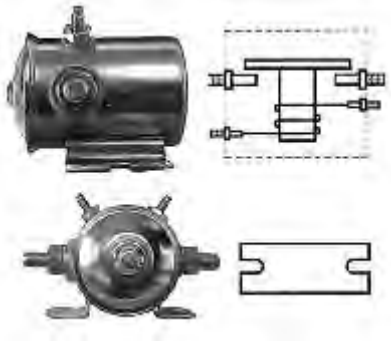
SND 12000 12v



12V Solenoid

Insulated return
4 terminals

SND 12001 12v



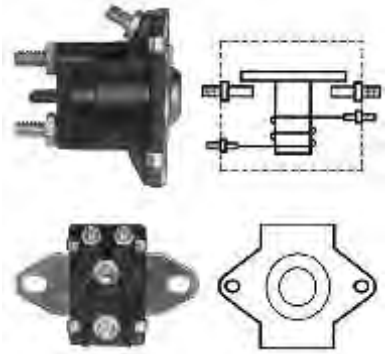
12V Solenoid

Insulated return
80 Amp. Continuous.
150 Amp. / 5 sec.
4 terminals

SND 22705 12v

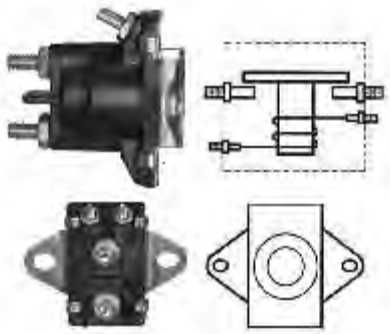
12V Solenoid
Suits Mercury
Insulated return
4 terminals
W/ epoxy

SND 80054 12v



12V Solenoid
Suits Mercuiser
Insulated return
4 terminals

SND 80058 12v



12V Solenoid
Suits Mercruiser
Insulated return
4 terminals

SND 80268 12v

12V Solenoid
Suits OMC, Mercury
3 terminals
100 Amp. continuous
800 Amp. in rush
3.95 - 4.15 coil resistance

SND 80275 12v

12V Solenoid
Suits Mercury
Insulated return
4 terminals

SND 80394 12v

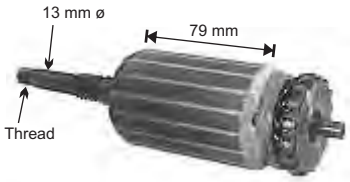
12V Solenoid
Suits OMC
4 terminals
100 Amp. continuous
800 Amp. in rush
3.95 - 4.15 coil resistance

SND 139859 12v

12V Solenoid
Suits OMC
12 V. Insulated return
4 terminals
W/ epoxy

Repair Parts

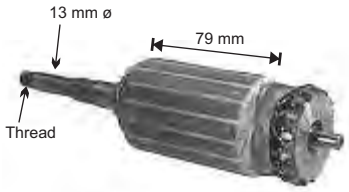
WSA 137039



12V Armature

L. 218 mm, OD 55 mm
6 spline
CCW
Fits STR 110644

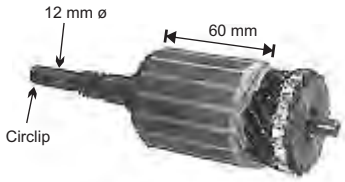
WSA 137040



12V Armature

L. 235 mm, OD 55 mm
6 spline
CCW
Fits STR 1106252, 111701, 110648

WSA 137041



12V Armature

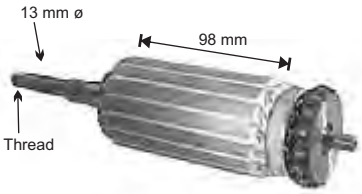
L. 200 mm, OD 55 mm
6 spline
CCW
Fits STR 110241

WSA 137042

12V Armature

L. 185 mm, OD 55 mm
6 spline
CCW

WSA 137043



12V Armature

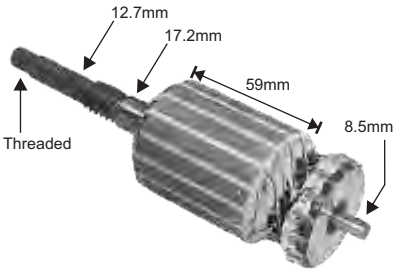
L. 243 mm, OD 55 mm
7 spline
CCW
Fits STR 112825

WSA 137044

12V Armature

L. 260 mm, OD 55 mm
6 spline
CCW
Fits STR 110650

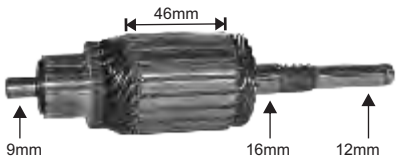
WSA 234213



12V Armature

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

WSA 10005



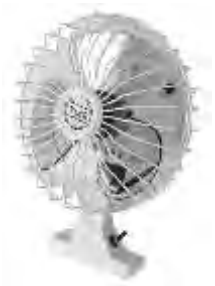
12V Armature

Suits S108... Hitachi
L. 196.5 mm, OD 48 mm
6 spline
Fits STR 112008 Suzuki

More Armature Options Pg 104-105 Part 2

Electrical Accessories

FN 13062-12



12V Oscillating Blower Fan

152mmØ

w/ on/off Switch

FN 13081-12

12V Oscillating Blower Fan

203mmØ

w/ on/off Switch

FN 13081-24

24V Oscillating Blower Fan

203mmØ

w/ on/off Switch

WM 53012

12V Stainless Steel Self Park Wiper Motor

110°
85mm Shaft Length

WM 53024

24V Stainless Steel Self Park Wiper Motor

110°
85mm Shaft Length

WM 50012

12V HD Wiper Motor

2 Speed
80°
89mm Shaft Length

WM 50024

24V HD Wiper Motor

2 Speed
80°
89mm Shaft Length

WA 90035

14" SS Wiper Arm

350mmOL
6ØShaft size

WB 90435

14" SS Wiper Blade

350mm OL

Electrical Accessories

HN 15035-12

12V Single Marine Stainless Steel Horn

HN 15013-12

12V Single Marine Stainless Steel Trumpet Horn

400mm Long
115dB at 1 Metre

or **HN 15013-24** 24v Option

HN 15023-12

12V Dual Marine Stainless Steel Trumpet Horn

460mm Long

or **HN 15023-24** 24v Option

HN 15027

12v Pair, Marine Chrome Plated Plastic Trumpet Horn Set

1 horn 230mmL
1 horn 290mmL

Bus Bars

BB 11582-04

Bus Bar

150A, Max 48V
Tin Plated Copper Bar
4 Stainless Steel studs and nuts ¼
ABS Base
Size 152x32mm
132mm mount hole centres

BB 11582-05

Mini Bus Bar

100A, Max 48V
Tin Plated Copper Bar
5 Stainless Connection Screws &
2 M5 Studs
ABS Base
Size 106x22mm
88mm mount hole centres

BB 11582-06

Bus Bar

150A, Max 48V
Tin Plated Copper Bar
6 Stainless Steel ¼ studs and nuts
ABS Base
Size 232x32mm
212mm mount hole centres

BB 11582-10

Bus Bar

150A, Max 48V
Tin Plated Copper Bar
10 Stainless Steel connection screws
& 2¼ studs
ABS Base
Size 152x32mm
132mm mount hole centres

BB 11582-12

Bus Bar

250A, Max 48V
Tin Plated Copper Bar
12 Stainless Connection Screws &
2 3/16 Studs
ABS Base
Size 122x38mm
181mm mount hole centres

BB 11582-20

Bus Bar

150A, Max 48V
Tin Plated Copper Bar
20 Stainless Steel connection
screws & 2¼ studs
ABS Base
Size 232x32mm
212mm mount hole centres

BB 11583-04

Bakelite Terminal Block
4 Gang Brass

BB 11583-06

Bakelite Terminal Block
6 Gang Brass

Size 33mm x 115mm

BB 2002

Powerpost 5/16 stud

BB 2003

Powerpost 3/8 stud

Circuit Breakers

55220

Sealed Weatherproof
Circuit Breaker
20Amp
12V

Designed for exposed applications, resistant to moisture, dust & oil

55230

Sealed Weatherproof
Circuit Breaker
30Amp
12V

Designed for exposed applications, resistant to moisture, dust & oil

55240

Sealed Weatherproof
Circuit Breaker
40Amp
12V

Designed for exposed applications, resistant to moisture, dust & oil

55960

Heavy Duty, High Amp
Manual Reset Circuit Breaker
sealed for exposed applications

60 Amp
12-24V
74mm x 48mm

55962

Heavy Duty, High Amp
Manual Reset Circuit Breaker
sealed for exposed applications

80 Amp
12-24v
74mm x 48mm

55964

Heavy Duty, High Amp
Manual Reset Circuit Breaker
sealed for exposed applications

100 Amp
12-24V
74mm x 48mm

55966

Heavy Duty, High Amp
Manual Reset Circuit Breaker
sealed for exposed applications

120 Amp
12-24V
74mm x 48mm

55968

Heavy Duty, High Amp
Manual Reset Circuit Breaker
sealed for exposed applications

150 Amp
12-24V
74mm x 48mm

Marine Plugs & Sockets

EP 11537-01

Waterproof 2 Pole Threaded Deck Connector Plug

Chrome Plated Brass
3 Amp

EP 11537-02

Waterproof 2 Pole Deck Connector Socket
w/ plastic cover cap

Chrome Plated Brass
3 Amp

EP 11537-2P

Waterproof 2 Pole Deck Connector Plug & Socket Kit

Chrome Plated Brass
3 Amp

EP 11538-3P

Waterproof 3 Pole Deck Connector Plug & Socket Kit

Chrome Plated Brass
3 Amp

EP 11539-4P

Waterproof 4 Pole Deck Connector Plug & Socket Kit

Chrome Plated Brass
3 Amp

EP 11556-2P

Heavy Duty Waterproof 2 Pole Deck Connector Plug & Socket Kit

Chrome Plated Brass
5 Amp

EP 11557-3P

Heavy Duty Waterproof 3 Pole Deck Connector Plug & Socket Kit

Chrome Plated Brass
5 Amp

EP 11558-4P

Heavy Duty Waterproof 4 Pole Deck Connector Plug & Socket Kit

Chrome Plated Brass
5 Amp

Marine Plugs & Sockets

SSR 16

Marine Quality Stainless / Plastic Power Socket
2 hole mount
Rubber boot cover

SS 16

Marine Quality Stainless / Plastic Power Socket
3 hole mount
Rubber boot cover

SP 16

Marine Quality Stainless / Plastic Plug
Suits SSR 16, SS 16, SSM 16, SSK16 sockets

SSK 16

Marine Quality Stainless / Plastic Power Socket
Threaded nut mount
Rubber boot cover

SSM 16

Surface Mounted Power Socket Box
w/ rubber boot cover

EP 11506

2 Pole Round Plug & Socket Connector

EP 11507

4 Pole Round Plug & Socket Connector

EP 11508

2 Pole Deck Connector Plug & Socket
Chrome Plasted Brass

Battery Master Switches

SW 10003

Battery Master Switch
OFF/1/ALL/2
250A Continuous at 12V
360A Intermittent
133mmØ x 67mmH

SW 10008

Heavy Duty

Battery Master Switch
OFF/1/BOTH/2
350A Continuous at 12V
800A Intermittent
137 x 137 x 85 mm H
Luminous Label
Surface Mount or Flush mount

SW 10092

Battery Master Switch (w/ knob)
OFF/ON
250A Continuous at 12V
360A Intermittent
67 x 67 x 67mm H
Luminous Label
Surface Mount or Flush mount

SW 10093

Battery Master Switch (w/ Key)
ON/OFF
250A Continuous at 12V
350A Intermittent
67 x 67 x 67mm H
Luminous Label
Surface Mount or Flush mount

SW 180028

Battery Isolation switch
w/ waterproof cover & removable key.
300 Amp Continuous
500 Amp Intermittent

SW 180029

Key

Suits SW 180216, SW 180596
11mmØ shaft - 2 slot pins

SW 180211

Battery Master Switch (w/ Metal Key)
ON/OFF

250A Continuous at 24V
2500A Intermittent
Mounting holes < - > 100mm

SW 180216

Battery Master Switch
OFF/ON
100A Continuous at 24V
500A Intermittent
Spare key SW 180029
Rubber Cap SW 180374
Mounting holes < - > 45mm

SW 180271

Battery Master Switch (w/ Key)
ON/OFF
150A Continuous at 24V
1000A Intermittent
Mounting holes < - > 45mm

Battery Master Switches

SW 180289

Battery Master Switch
ON/OFF

250A Continuous at 24V
2500A Intermittent
Mounting holes < - > 38mm
Shank Ø 29mm

SW 180375

Rubber Boots

Suits all master switches

SW 180596

Battery Master Switch
w/ secondary circuit
OFF/ON
100A Continuous at 24V
500A Intermittent
w/ Resistor 30 ohm 11 Watt
Spare key SW 180029
Mounting holes < - > 38mm

JB 10094

Weatherproof Connector
Junction Box

2 x 4 way connector strips

Size 70x120mm

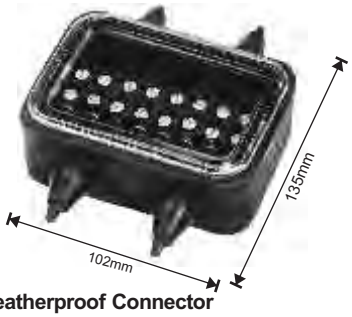
JB 10095

Weatherproof Connector
Junction Box

2 x 8 way connector strips

Size 95x135mm

JB 57810



Weatherproof Connector
Junction Box

Rubber Construction w/ clear lid
8 way strip connector

BB 77000 L

Black Plastic Battery Box
w/ Webbing Strap & S/S Fastenings
Size 275 x 185 x 205mm

BB 77000 S

Black Plastic Battery Box
w/ Webbing Strap & S/S Fastenings
Size 340 x 185 x 205mm

Bilge Pumps & Switches

SW 10292

12V Bilge Pump Float Switch

SW 10298

Bilge Pump Switch Panel
w/ Alarm

Size 115mm x 64mm

SW 10299

Vertical Mount Waterproof
Bilge Pump Switch Panel
Aluminium Plate
Auto - Off - Manual Waterproof
Switch w/spring return
from Manual Position
Panel Size 51mm x 89mm

BP 18040-12

12V 500GPH Bilge Pump

19mm Hose connection

BP 18041-12

12V 700GPH Bilge Pump

25mm Hose connection

BP 18044-12

12V 2000GPH Bilge Pump

32mm Hose connection

BP 18044-24

24V 2000GPH Bilge Pump

32mm Hose connection

WP 13395 - 12V
WP 13395 - 24V

Aqua Jet Water Pressure Pump

- 5 Chamber pump which provides low noise and water pulsation
- 13 Ltr per minute
- Pressure cut in 24PSI and cut out 41PSI
- Hose connections: ⅜" BSP / ½" Hose, ½"BSP / ¾" Hose

WP 13406 - 12V
WP 13406 - 24V

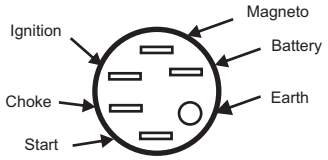
Aqua Jet Water Pressure Pump

- 5 Chamber pump which provides low noise and water pulsation
- 20 Ltr per minute
- Pressure cut in 24PSI and cut out 41PSI
- Hose connections: ⅜" BSP / ½" Hose, ½"BSP / ¾" Hose

Accessory Products

IGS 83105

Ignition Starter Switch
4 positions, 6 Terminals
With electric choke and magneto positions
Suits most outboard powered boats
Max panel thickness = 16mm



IGS 83106

Ignition Starter Switch

3 position, 15 Amp, Brass
OFF - ON - START

IGS 10272

Plastic Ignition Starter Switch
w/ Rubber Boot Seal
3 Position, 5 Terminal
w/ Magneto Stop
Connection.

IGS 22541

Brass Ignition starter switch
with rubber boot seal

- mounts through 16mm hole

3 position
15 Amp
OFF - IGNITION - START

Marine 6

12V 5A Automatic
Electronic Battery Changer

Has Marinised circuit board to
eliminate corrosion

Suits Standard, Sealed,
Maintenance Free or Gel Type batteries

Switch Panels

SW 10015 SS

1 switch panel

Stainless Steel 50mm x 64mm

SW 10025 SS

2 switch panel

Stainless Steel 50mm x 64mm

SW 10030

SPLASH PROOF

3 switch & fuse panel

Bakelite 89mm x 114mm
Includes 6 preprinted labels

SW 10060

SPLASH PROOF

6 switch & fuse panel

Bakelite 165mm x 114mm
Includes 10 preprinted labels

SW 10032

SPLASH PROOF

3 switch & circuit breaker panel

Black Aluminium 89mm x 102mm
On - Off x 1
On - Off - On x1
On - Off x 1

SW 10044

SPLASH PROOF

4 switch panel

UV Stabilised Plastic (black)
108mm x 95mm
Includes 28 preprinted labels

SW 10044W

SPLASH PROOF

4 switch panel

UV Stabilised Plastic
108mm x 95mm (white)
Includes 28 preprinted labels

SW 10064

SPLASH PROOF

6 switch panel
with LED Indicator Light
UV Stabilised Plastic
108mm x 124mm (black)
Includes 28 preprinted labels

SW 10064W

SPLASH PROOF

6 switch panel
with LED Indicator Light
UV Stabilised Plastic
108 x 124mm
Includes 28 preprinted labels

Switch Panels

SW 10036

WATER PROOF

3 switch & fuse panel
Includes Accessory socket,
Volt meter with battery 1,2 test
12V
Black Aluminium 133mm x 190mm

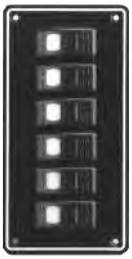
SW 10061 W

WATER PROOF

6 switch & circuit breaker panel
Includes 30 preprinted labels (w/LED)

White Aluminium 133mm x 190mm

SW 10063



WATER PROOF

6 switch panel (w/ 12V LED)
Includes 25 preprinted labels
fuse holder set included

Black Aluminium 102mm x 203mm

SW 10068

WATER PROOF

6 switch panel (w/ 12V LED)
Includes 25 preprinted labels,
SS accessory socket,
fuse holder set

Black Aluminium 102mm x 203mm

Switches

SW 10096-TG

Panel Mount Windlass Switch
Vertical Mount

Panel Size 51x76mm

SW 10098

Deck Mount Foot Switch for Windlass

2 x 8mm Studs
Mounting Hole Diameter 61mmØ

SW 10110-01

End Switch Panel Frame
(used w/ SW 10110-02)

To Mount 38x22mm Rocker Switches into - to form a multi switch panel

SW 10110-02

Middle Section Switch Panel Frames
(used w/ SW 10110-01)

To Mount 38x22mm Rocker Switches into - to form a multi switch panel

SW 10124-01

Waterproof Rocker Switch
w/ LED Pilot Lamp

DPST 4 Terminal, on/off
Supplied w/ Symbols
Size 38x22mm

SW 10124-02

Waterproof Rocker Switch
w/ LED Pilot Lamp

DPST 4 Terminal, mom on/off
Supplied w/ Symbols
Size 38x22mm

SW 10125-01

Waterproof Rocker Switch
w/ LED Pilot Lamp

DPDT 5 Terminal, mom on/off/on
Supplied w/ Symbols
Size 38x22mm

SW 10126-01

Waterproof Rocker Switch
w/ LED Pilot Lamp

DPDT 6 Terminal, on/off/on
Supplied w/ Symbols
Size 38x22mm

SW 10126-02

Waterproof Rocker Switch
w/ LED Pilot Lamp

DPDT 6 Terminal, mom on/off/mom on
Supplied w/ Symbols
Size 38x22mm

Switches

SW 180123

Small Inline Push Button Switch
on/off

Size 13 x 22mm

SW 10281

Safety Kill Switch
12V 15Amp

SW 10291

Chrome Plated Brass
Push Button Switch
12V 5 Amp

Diameter 38mmØ

SW 24107

Brass Push/Pull switch

20 amp rated
- mounts through 3/8" hole.

SW 24108

Brass Push/Pull switch

3 positions, OFF - ON - ON
20 amp rated
- mounts through 3/8" hole.

Accessory Products

BT 10070

Battery Distribution Terminal

Can safely connect up to
4 Circuits directly to battery

Positive & Negitive

BT 814H-P

Battery Wingnut Terminal
Heavy Duty
Positive
Satin Forged Brass

10mm Stud size

BT 814H-N

Battery Wingnut Terminal
Heavy Duty
Negative
Satin Forged Brass

10mm Stud size

56707	**7mmØ**
56710	**10mmØ**
56713	**13mmØ**
56716	**16mmØ**
56720	**20mmØ**

Corrugated split sleeve tubing
all in 10mtr lengths

56820BK Black
56820RD Red

PVC Insulation Tape
20mtr roll
- 19mm wide

57110

Cable lug Assortment 165 lugs
From 10mm^2 - 70mm^2
Packed in a quality plastic case with an easy reordering chart enclosed
All sizes of lugs available in packs of ten

56430

Cable tie assortment bulk pack
Includes 10 popular packs of 100

(All sizes available in packs of 100 also)
Bulk Pack Includes -
2 Packs 2.5mm x 100mm
2 Packs 3.6mm x 100mm
4 Packs 4.8mm x 200mm
2 Packs 4.8mm x 300mm

56600 & 56602

Heatshrink Tubing
Assortment packs

56600 - 150mm lengths
from 3.2mm - 6.4mmø

56602 - 150mm lengths
from 9.5mm - 19mmø

56700 & 56702

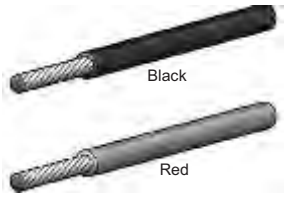
Spiral Wrap - 10 Metre Length

56700 - Wraps from 6mm - 18mmø

56702 - Wraps from 12mm - 35mmø

Accessory Products

5808M-30BK Black
5808M-30RD Red

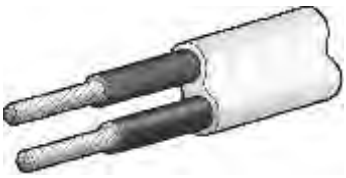


Battery & Starter tin coated marine cable
- 8 mm²
- 100 amp

5802M-30BK Black
5802M-30RD Red

Battery & Starter tin coated marine cable
- 32 mm²
- 255 amp

5826-30TW



Twin white sheathed tin coated marine cable
30mtr roll, red & black
- 6 mm
- 50 amp

5824-30TW

Twin white sheathed tin coated marine cable
30mtr roll, red & black
- 4 mm
- 15 amp

5834-30WYB

3 core white sheathed tin coated marine cable
30mtr roll
- 4 mm
- 15 amp

5853M-30TC

5 core white sheathed tin coated marine cable
30mtr roll
- 3 mm
- 10 amp

87392TP

12V Submersible Rear Combination Lamp Pack
- Prewired with 12V globes
- ADR approved

NEW

LARGE RANGE OF TIN COATED COPPER STRANDED MARINE CABLE IN STOCK NOW!!

72421

"Stingray" watertight Marine wide Flood Beam Decklamp

size 138 x 82 mm
Stainless steel fitting

Work Lights & Deck Lights

WL 00806-WH

Work Light
4" Lens Ø
12V 35W Halogen
Rubber Housing, Stainless Hardware

WL 01653-WH

Wireless Search Light
6"x4" 12V 55W Sealed Halogen Beam
Control cable length: 4.5m
Rotation UHF Range: 60-200m
Rotation: 440°
Tilt: 75°
Plastic, Water Resistant.
Permanent Mount or Magnetic

WL 01654-WH

Portable Cable Control Search Light
6"x4" 12V 55W Sealed Halogen Beam
Control cable length: 4.5m
Rotation: 440°
Tilt: 75°
Plastic, Water Resistant.
Permanent Mount or Magnetic

WL 01603

Search Light
Roof Mount
Adjustable via cabin
115mm 12V 55W Halogen

WL 01604

Spot Light (Removable)
Pedestal Mount
360º Rotation
5" 12V 100W

HUGE RANGE OF FLOOD BEAM LAMPS AVAILABLE!

WL 7300

E Power 5000
Twin Beam Spot Lamp
Includes 2 x H3 55W Halogen Globes

WL 7000

E Power 5000
Twin Beam Flood Lamp
Includes 2 x H3 55W Halogen Globes

LED 93620TP

LED Submersible Trailer Lamp

12V Lamps with 9 Mtrs of hardwired cable per lamp.
1 lamp comprises of a built in licence plate lamp
Size 155x76x40mm
ADR Approved

LED Lighting

LED 00163-RD

LED Bulb (Red)
12V BA15d

LED 00163-RD1

LED Bulb (Red)
12V BAY15d

LED 00163-RD5

LED Bulb (Red)
12V BA15s

LED 00163-AM

LED Bulb (Amber)
12V BA15s

LED 00163-WHS-12V

LED Bulb (White)
12V/24V BA15s

or LED 00163 - WHS24
24V option

LED 91675

LED Multivolt Licence Plate Lamp

Black Housing
9-33 volt
5 LED
2.5m Cable

LED 94206TP

LED Submersible Trailer Lamp Kit
9 mtr of hard wired cable per lamp
Includes licence plate lamp
Size 273 x 92 x 35mm
Multivolt
ADR Approved

LED 93404BL
LED 93408BL

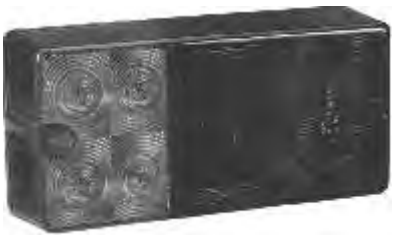
Includes Built-in licence plate lamp

LED multivolt rear stop/tail indicator combination lamp
Includes 500mm of cable prewired
Size 108x108x35mm
Polycarbonate Lens
Shock Proof

(12V only option available)

LED 93604BL
LED 93608BL

Includes Built-in licence plate lamp



LED multivolt rear stop/tail indicator combination lamp
Includes 500mm of cable prewired
Size 155x76x40mm
Polycarbonate Lens
Shock Proof

(12V only option available)

LED Lighting

LED 91603 (Red/Amb)

LED 8-24 Volt Lamp
Fully Submersible with 2.5m cable

LED 91613 (White)

LED 8-24 Volt Lamp
Fully Submersible with 2.5m cable

LED 91623 (Amber)

LED 8-24 Volt Lamp
Fully Submersible with 2.5m cable

87610 (White)

LED Interior Lamp
10-30V
Flush or Recess mount
77mmØ
Colours - White, Silver Satin, Chrome, Black, Gold

87620 (White)

LED Interior Lamp
w/ ON/OFF Switch
10-30V
Flush or Recess mount
77mmØ
Colours - White, Silver Satin, Chrome, Black, Gold

87640 (White)

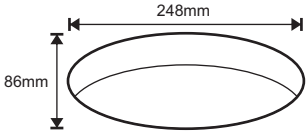
LED Interior Lamp
w/ ON/OFF Switch
10-30V
Flush or Recess mount
140 x 93mm
Colours - White or Silver Satin

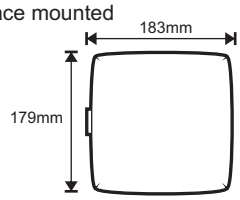
87678 (White)

LED Interior Lamp
8-35V
Flush mount, Acrylic Lens
500mm Cable attached
Size 165mmL x 125mmW x 30mmH

86838

Awning Lamp (white)
12V 10W Halogen globe
Wide angle light output
Surface mounted



87360

Twin Flurescent Interior Lamp (white)
ON/OFF Switch
2x7W 12V tubes
Surface mounted