

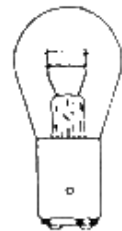
## Light Bulbs

**LB-4151** Head light bulb, 12v, 25w/25w  
Repl.194151-55810



**LB-4550** Head light bulb, 12v, 35w F18, FX18, F20, FX20, F24, FX24, FX26, FX28, FX32, F37D, FX42, F46D, F255, FX255, FX285, FX305, 2020, 2202, 2220, 2402, 2420, 2620, 2820, 3220, 4220 Repl. 194550-55810

**LB-4520** Head light bulb, 12v, 25/25w F14, F15, F16, FX26, FX28, FX175, 1602, 1702, 1720, 1802, 1820, 2002  
Repl. 194520-55810



**LB-4155** Head light bulb, 12v-35/25w, 195, 240, 276, 330, 1500, 1700, 2000, 2001, 2010, 2210, 2210B, 2301, 2310, 2500, 2610, 3000, 3810, 4300, 4500  
Repl. 194155-55810 (old # 194190-55810)



**LB-4262** Head light bulb, 12v, 25w, 135, 140, 147, 155, 165, 169, 180, 186, 187, 220, 226, 250, 1100, 1110, 1300, 1301, 1401, 1502, 1510, 1601, 1610, 1810, 2200  
Repl. 194262-53080



**LB-97** Turn signal light bulb, 12v  
Repl. 194081-55820; 2210 Repl. 194080-55820



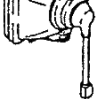




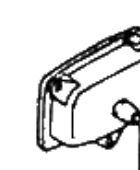

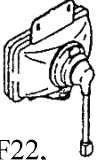

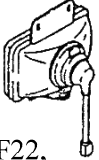
**LB-55** Dash light bulb, 12v, 1.7w, 195, 240, 1500, 1700, 2000, 2210, 2500, 2610, 3000  
Repl. 194155-55820

LB-97



LB-55

**LB-161** Dashboard light bulb for F, FX and 20 series  
Repl. 194555-55820 (old # 194155-55820)

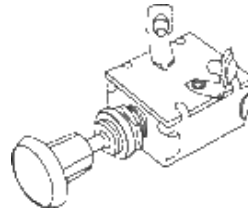
## Head Lights

- |                |  |  |
|----------------|--|--|
| <b>HL-4550</b> | Head light assembly 2020, 2202, 2220, 2402<br>2420, 2620, 2820, 3220, 4220 Repl. 194550-53100  |   |
| <b>HL-4190</b> | Head light assembly 1500<br>Repl. 194190-53100   |    |
| <b>HL-4155</b> | Head light assembly 195, 240, 1700, 1700B,<br>2000, 2000B, 2210, 2210B Repl. 194155-53100<br>Will fit 1600, 1900, 2200 (Repl. 794081-53100) when<br>replaced as complete light | <br> |
| <b>HL-4520</b> | Head light assembly 1602, 1702, 1720, 1802,<br>1820, 2002, F14, F15, F16, F17, FX175<br>Repl. 194520-53100   |   |
| <b>HL-4201</b> | Head light assembly 140, 147, 169, 180, 186, 187,<br>220, 226, 250, 1301, 1401, 1502, 1510, 1601, 1610<br>YMG1800, 1810, YMG2000 Repl. 194201-53051                            |   |
| <b>HL-4262</b> | Head light assembly 155, 165, 1100, 1300<br>Repl. 194262-53051   |   |
| <b>HL-4145</b> | Head light assembly 276, 330, 2500, 2610,<br>3000, 3110, 3810, 4300, 4500 Repl. 194145-53200   |    |
| <b>HL-4312</b> | Head light assembly 2001, 2010,<br>2301, 2310 Repl. 194312-53100   |   |
| <b>HL-4555</b> | Head light assembly F18, F20, FX20, F22,<br>FX22, F24, FX24, FX26, FX28, FX32, FX42, F215, FX215,<br>F255, FX255, FX285, FX305, FX335, FX435 Repl. 194555-53100                |    |

## Head Light Switches

- |                |  |   |
|----------------|--|---|
| <b>LS-4130</b> | Light switch 155, 165, 195, 240, 1100,<br>1300, 1500, 1600, 1700, 1900, 2000, 2200,<br>2210, 2500, 2610, 3000, 3810 Repl. 194130-52121   |  |
| <b>LS-4420</b> | Light switch 140, 147, 169, 186, 187, 220, 226,<br>250, 276, 1301, 1401, 1502, 1510, 1601, 1602,<br>1610, 1702, 1720, YMG1800, 1802, 1810, 1820,<br>YMG2000, 2001, 2002, 2010, 2020, 2202, 2210B,<br>2220, 2301, 2310, 2402, 2420, 2620, 2820, 3220, 4220<br>Repl. 194420-52120 (old # 194440-52120) |  |

## Light Switches



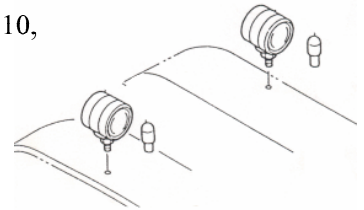
**PPS-42200** Push-pull switch, 15 amp

## Fender Lights



**FL-4150** Fender light, two bolt mount for 195, 240, 1500, 1600, 1700, 1900, 2000, 2210, 2210B, 2500 Repl. 794150-53400

**FL-4440** Fender light, post mount for 1301, 1401, 1510, 1601, 1602, 1610, 1702, 1720, YMG 1800, 1802, 1810, 1820 YMG 2000, 2001, 2002, 2010, 2020, 2202, 2220, 2301, 2310, 2402, 2420, F14, F15, F16, FF145D, FF155D Repl. 194440-53400 (**approx. 2-1/4" dia.**)



**FL-6012** Fender light, post mount for 330, 2500, 2610, 2620, 2820, 3000, 3810 Repl. 194242-53400 (old #194320-53400 & 194145-53400) (**approx. 3-1/4" dia.**)

**TSS-4080** Turn Signal Switch 195, 240, 330, 1100, 1110, 1300, 1500, 1600, 1700, 1900, 2000, 2210, 2500, 2610, 2620, 2820, 3000, 3810 Repl. 194080-52132



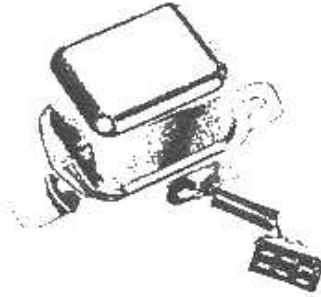
**TSS-4080** Turn signal switch 1401, 1510, 1601, 1602, 1610, 1702, 1720, YMG1800, 1802, 1810, 1820, YMG2000, 2001, 2002, 2010, 2020, 2202, 2210B, 2220, 2301, 2310, 2402, 2420, 2620, 2820, 3220, 4220, 4300  
**Repl. 194440-52130 by changing wire terminal ends**

**F-552** Flasher, 2 prong, 12V Common to many models  
Repl. 194555-57200 (old # 194080-57202)

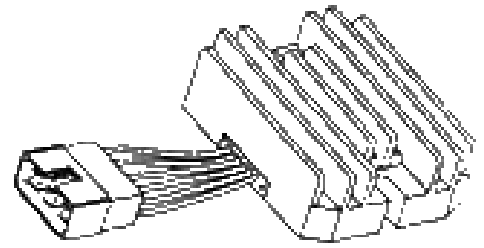
**WH-455** Fusible link 1702, 1720, 1802, 1810, 1820, 2001, 2002, 2010, 2020, 2202, 2220, 2301, 2310, 2402, 2420, 2620, 2820, 3220, 4220, 4300, FX26D, FX28D, FX32, F37D, FX42D, F46D, F235, FX235, F255, FX255, FX265D, FX285, FX305, FX335, FX435  
Repl. 194550-51220 (old # 194312-51220)

## Voltage Regulators

From this  
Mechanical VR

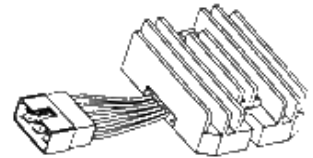


to this **SOLID  
STATE** version



**VR-550** Voltage regulator – Our **NEW** solid state regulator replaces the old mechanical type. 195, 240, 330, 336, 1700, 2000, 2200, 2210, 2500, 2610, 2700, 3000, 3110, 3810, 4300 Repl. 124550-77710

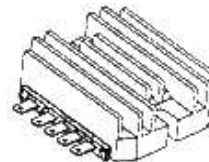
**VR-522** Voltage regulator, **6-plug**, 180, 186, 187, 220, 1601, 1610, 1702, 1720, YMG1800, 1802, 1810, 1820, YMG2000, 2001, 2002, 2010, 2020, 2202, 2220, 2301, 2310, 2402, 2420 Repl. 121522-77790, 121450-77710, 121450-77790  
**(122, 126, 140, 142, 146, 147, 226, 1510, F14, F15 Repl. 121450-77711)**



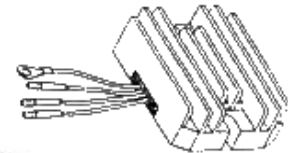
**WH-522** Wiring harness used with VR-522 if originally equipped with 4 wire plug



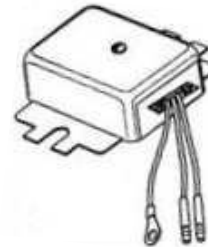
**VR-150** Voltage regulator – F series F37D, F49D, F215 Repl. 129150-77710



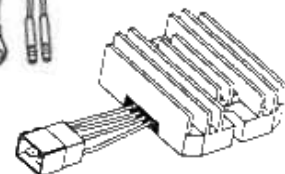
**VR-160** Voltage regulator – **4 wire**, 1100, **1300, 1500** Repl. 124160-77710



**VR-660** Voltage Regulator – **3 wire**, 135, 155, 165, 169, 1110, **1300, 1500 (typically with diodes)** Repl. 124660-77710

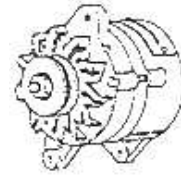


**VR-462** Voltage regulator, **4-plug**, 1301, 1401 Repl. 121462-77710



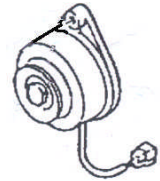
## Alternators

**AL-1235** Alternator, 12V – 35Amp, 195, 240, 330, 336  
1700, 2000, 2210, 2500, 2610, 3000, 3110, 3810, 4300  
Repl. 124756-77200 & 124756-77210 (LT115-52)  
**1600, 1900, 2200, 2700 Needs different wire ends.**

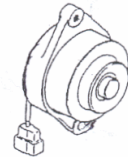


**AL-1220** Alternator 12V – 40Amp 2620, 2820, 3220, 4220  
Repl. 121400-77201 (**built in regulator**)

**AL-1215** Alternator, 12V – 15 Amp 140, 142, 146, 147, 169, 180, 186, 187,  
220, 226, 250, 276, 1401, 1502, 1510, 1601, 1602, 1610,  
1702, 1720, YMG1800, 1802, 1810, 1820, YMG2000, 2001,  
2002, 2010, 2020, 2202, 2220, 2301, 2310, 2402, 2420,  
**F14, F15, F16** Repl. 121450-77200



**AL-1500** Alternator, 12V 1500 Repl. 124660-77991



**AL-9150** Alternator, 12V-20 Amp F17, F18, F20, F22, F24, FX26, FX28,  
FX32, F37, FX42, F46, F195, F215, F235, F255, F265, FX285,  
FX305, FX335, FX435 Repl. 129150-77200 & 77201

**(1)**

## Starters (\*Specify New or Rebuilt)

- SM-1277\*** Starter motor – 12v – 15 tooth drive, 220, 226, 250, 276, 330, 336, YMG1800, 1802, 1810, 1820, YMG2000, 2001, 2002, 2010, 2020, 2200, 2202, 2210, 2220, 2301, 2310, 2402, 2420, 2500, 2610, 2620, 2700, 2820, 3000, 3110, 3220, 3810, 4220, FX26, FX28, FX32, FX42  
**Hitachi S12-77** Repl. 124250-77012, Hitachi S12-23 & S12-52
- SM-203** Starter motor – 12v – 11 tooth drive, 1100, 1300, **1500**,  
Repl. **S114-203 only available as rebuilt. Can use SM-219 for 1500**
- SM-219\*** Starter motor – 12v – 11 tooth drive, 1300, 1301, 1401, **1500**, 135, 155, 165, 169 **Hitachi S114-219**,  
S114-230 Repl. 124070-77010 & 124060-77010
- SM-235\*** Starter motor – 12V – 11 tooth drive, 140, 142, 146, 147, 180, 186, 187, 1510, 1601, 1610, FF145D, FF155D, F165D Hitachi S114-235  
Repl. 121450-77010 **YM1702 & YM1720 with S114-235**
- SM-146\*** Starter motor – 12v – 15 tooth drive, 1600, 1700, 1900, 2000  
F16, **195, 240** Repl. 124450-77010  
Hitachi S114-146 – **1702 & 1720 with S114-146**



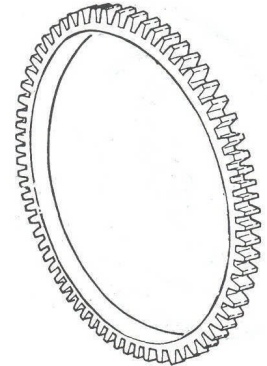
## Starter Drives

- SD-502** Starter drive – **15 tooth** - fits S114-146 starter F16, 195, 240, 1600, 1700, 1900, 2000 Repl. X211445002
- SD-511** Starter drive – **11 tooth** - fits S114-203, S114-219, S114-230, S114-235 140, 142, 146, 147, 155, 165, 1100, 1500, 1702, 1720, F14, F15, FF145D, FF155D Repl. X2114-55003 (Old # 947704-49307)
- SD-515** Starter drive – **15 tooth** – 220, 250, 330, YMG1800, 1802, YMG2000 2001, 2002, 2010, 2020, 2202, 2210, 2220, 2240, 2301, 2310, 2402, 2610, 2620, 2820, 3000, 3220, 4220, FX26, FX28, FX32, FX42  
For Hitachi S12-77 starters Repl. 121254-77660  
(old # 124250-77210 & X212045001)



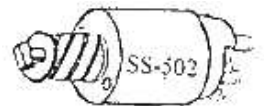
## Flywheel Ring Gear

**FWRG-550** Flywheel ring gear F18, FX18, F20, FX20, F22, FX22, FX26, FX28, FX32, F37D, FX42, F47D, F255, FX255, FX285, FX305, FX335, FX435, 195, 240, 336, 1600, 1700, 1900, 2000, 2200, 2202, 2220, 2402, 2420, 2500, 2610, 2620, 2700, 2820, 3000, 3110, 4300 Repl.124550-21600



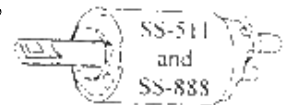
## Solenoid Switch

**SS-502** Solenoid (4mm bolt) – 12v, 3-terminal, fits **S114-146 & S12-23** 220, 226, 250, 330, 336, YMG1800, 1802, 1810, YMG2000, 2001, 2002, 2010, 2020, 2200, 2202, 2210, 2220, 2301, 2310, 2402, 2420 2500, 2610, 2620, 2700, 2820, 3000, 3110, 3220, 4220, FX26, FX2. Repl. 124250-77310 (old # X212037002)



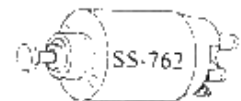
**SS-688** Solenoid (6 mm bolt) - 12v, 3-terminal fits **S12-77 & S12-52**  
**Same applications as above.**

**SS-511** Solenoid –12v, 3-terminal, fits S114-146, S114-203, S114-219, S114-235 starters – 140, 142, 146, 147, 165, 169, 186, 195, 240, 1100, 1500, 1600, 1700, 1702, 1720, 1900, 2000, F14, F15, F18, FX18, F20, FX20, F24, FX24, F235, F255, FX255, FF145D, FF155D Repl. 171008-77531 & 124060-77300 (Old # X211497004 & X211447007)



**SS-888** Solenoid –12v, 3-terminal, Fits S12-52 starters (large rect. hole)

**SS-762** Solenoid w/ hex end for Hitachi DD starters  
12v – 3 terminal, used on S12-24, S12-41A, S12-59, S13-06A  
Optional on YM195 & YM240



## Armature

**SA-511** Starter armature for S12-77, 12v – CW rotation  
12 spline, 330, 2001, 2220, 2301, 2420, 2620, 2820, 3220, 4220 Repl. 124250-77500 (old # X21207100)



**SA-502** Starter armature for S114-146, S114-219, S114-230, S114-235, 12v – CW rotation Repl. X211491001

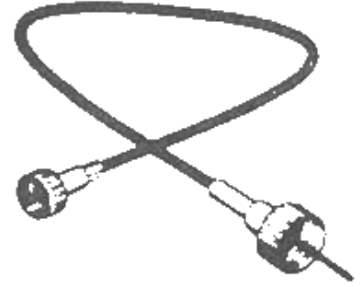
**SA-203** Starter armature for S114-203 Repl. X211421002

**BP-502** Brush plate for S114-146, S114-203, S114-219 Repl. X21141360



**BF-502** Field brush (insulated) for BP-502 plate (2 req'd)

## Hour Meter Cable



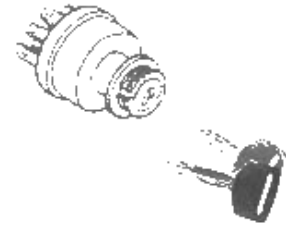
- HMC-4167** Hour meter cable 140, 147, 169, 186, 1301, 1401, 1502, 1510, 1601, 1602, 1610, 1702, 1720, YMG1800, 1802, 1810, 1820, YMG2000, 2000B, 2002, 2210B, F17, F18, F20, F22, F24, FX24 Repl 194167-56900 (Old # 194440-56900) Approx. 48" long
- HMC-1400** Hour meter cable 180, 187, 195, 220, 226, 240, 250, 1300, 1500, 1600, 1700, 1900, 2000, 2001, 2010, 2301, 2310, F14, F15, F16, FF145D, FF155D Repl. 121400-91140
- HMC-1400** Hour meter cable 165, 2001, 2010, 2020, 2202, 2220, 2301, 2310, 2402, 2420 (Approx. 42" long) Repl. 194190-56900
- HMC-4150** Hour meter cable 2210 Repl. 794150-56900 approx. 45-1/4" long
- HMC-4275** Hour meter cable 276, 330, 2500, 2610, 2620, 2820, 3000, 3110, 3220, 3810, 4220, 4300, FX26, FX28, FX32, FX42 Repl. 194275-56900 (old # 194145-56901) Approx. 54-1/2" long
- HMC-2200** Hour meter cable 2200, 2700 Repl. 794100-56900

## Tach / Hour meter

- HM-4151** Tach/Hour meter 1500, 1700, 2000 (1) Repl. 194151-56100
- HM-2500** Tach/Hour meter 2500, 2610, 3000, 3110 Repl. 194145-56101

## Ignition Switch

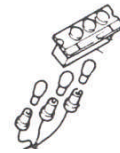
**IS-52110** Ignition Switch 140, 147, 155, 165, 169, 180, 186, 187, 195, 226, 220, 226, 240, 250, 276, 1300, 1510, 1601, 1702, 1720, YMG1800, 1802, 1810, 1820, YMG2000, 2001, 2002, 2010, 2020, 2202, 2210, 2220, 2301, 2310, 2402, 2420, 2500, 2610, 2620, 2820, 3110, 3220, 4220, 4300, FF145D, FF155D  
Repl. 194322-52110 (old #194155-52110)



**IK-5216** Flat steel key for ignition switch Repl. 194155-52160

## Indicator Lamp Assembly

**ILA-4151** Indicator lamp assembly 195, 240, 330, 1700, 2000, 2210, 2500, 2610, 3000, 3810 Repl. 194151-55100



## Fuse Box

**FBC-524** Fuse box cover 140, 147, 155, 169, 1401, 1510, 1610, 2620, F16, F18, FX18, F20, FX20, F22, FX22, FX32  
Repl. 194440-52420



**F-15A** Fuse link – 15A 195, 240, 1300, 1500, 1600, 1700, 1900, 2000  
Repl. 194080-52840

