

# 07

## SWITCHES & ELECTRICAL ASSEMBLIES

COMMUTATEURS ET ASSEMBLAGES ÉLECTRIQUES

APAGADORES Y ENSAMBLES ELÉCTRICOS

- 96 Battery Disconnect Switches
- 97 Ignition & Starter Switches
- 98 Toggle Switches
- 101 Rocker Switches
- 102 Push/Pull Switches
- 103 Solenoids
- 104 Miscellaneous Switches
- 106 Pigtails & Sockets

WHETHER YOU ARE INSTALLING NEW PRODUCTS OR REPLACING/UPDATING AN EXISTING SYSTEM, FOR REPAIRS AND MAINTENANCE ON LAWN AND GARDEN EQUIPMENT AROUND THE HOUSE, MARINE AND RV EQUIPMENT OR HEAVY VEHICLE AND EQUIPMENT NEEDS, GROTE OFFERS AN EXTENSIVE LINE OF SWITCHES & ELECTRICAL ASSEMBLIES YOU NEED TO GET THE JOB DONE RIGHT!





MASTER BATTERY DISCONNECT SWITCH

- Truck, Automotive, Marine, Off-Road and R.V. applications
- For battery circuit (82-2103, 82-2233); for alternator or generator field circuit (82-2155)
- 3/4" & #10-32 copper alloy stud terminals with hex nuts, lock washers included
- Large die cast lever for ease of operation; mounting stem ½" long x ¾" dia.
- Fits panel up to ¼" thick; 10,000 life cycle; 6-36V DC
- Includes faceplate
- Faceplate replacement for 82-2103 (82-2157)
- Meets U.L. #558 (82-2103)

DISCONNECTS ALL CIRCUITRY TO REDUCE THE POSSIBILITY OF THEFT / ACCIDENTAL ELECTRICAL FIRES

PRODUCT RATING

**Continuous Rating** (Make/Break), Large Studs – 180 AMP @ 6-36V DC; 1,000 AMP – in rush (82-2103)

**Continuous Rating** (Make/Break), Large Studs – 180 AMP @ 6-36V DC (82-2233)

**Intermittent Rating** (Carrying), Large Studs – 1800 AMP @12V DC; 1 cycle = 4 seconds on/20 minutes off)

| PART #             | POSITION | RATED | TYPE     | TERMINATION                                | DIMENSIONS             |
|--------------------|----------|-------|----------|--------------------------------------------|------------------------|
| 82-2103            | Off/On   | 12V   | S.P.S.T. | 2, 3/8" stud terminals ground w/ faceplate | 4 3/8" L x 2 5/8" Dia. |
| 82-2233 <b>NEW</b> | Off/On   | 24V   | S.P.S.T. | 2, ½" stud terminals ground w/ faceplate   | 4 3/8" L x 2 5/8" Dia. |



DESIGNED TO BREAK ALTERNATOR GENERATOR CIRCUIT PRIOR TO BATTERY CIRCUIT DISCONNECT

PRODUCT RATING

**Continuous Rating** (Make/Break), Large Studs: 180 AMP, Small Studs: 20 AMP @ 6-36V DC

**Intermittent Rating** (Carrying), Large Studs: 1,000 AMPs (20 sec. "On" – 5 Minutes "Off")

| PART #  | POSITION | RATED | TYPE     | TERMINATION            | DIMENSIONS            |
|---------|----------|-------|----------|------------------------|-----------------------|
| 82-2155 | Off/On   | 12V   | D.P.S.T. | 4 stud terminal ground | 4 1/8" L x 2 5/8"Dia. |

BATTERY ISOLATOR SWITCH

- Prevents unauthorized use
- Eliminates battery discharge
- Waterproof body with removable key and protective cap
- Rated at 500 AMPs at 12V

82-2104



IGNITION STARTER SWITCHES

- Momentary start
- One piece die cast housing with brass terminals; includes 2 keys
- 4 position (ACC, OFF, ON/ACC, START – spring return to "ON")
- Key removable; key in "OFF" position only
- 50,000 life cycle
- Caution tag on ground terminal (82-2235)
- 82-2235 fits Packard #2984017

SPECIFICATIONS

Rating @ 14V DC

Ignition Terminal, 8 AMP

Accessory Terminal, 30 AMP (inductive)

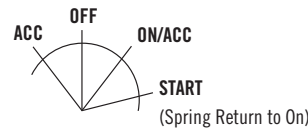
Start Terminal – 75 AMP make, 20 AMP break

Continuous current carrying capacity, 30 AMP @14V DC;

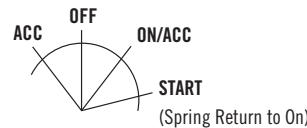
Accessory terminal with #10 gauge wire

| PART #             | CONNECTION TYPE | STARTER LOCKOUT | KEYCODE   | MOUNTING HOLE PATTERN |
|--------------------|-----------------|-----------------|-----------|-----------------------|
| 82-2150            | Screw           | No              | Various   | 2                     |
| 82-2156            | Screw           | No              | Universal | 1                     |
| 82-2235 <b>NEW</b> | Blade           | No              | Various   | 1                     |
| 82-2158*           | Screw           | No              | D250      | 1                     |

\* Includes specially designed glow plug warmer



82-2150 / 82-2156



82-2235 / 82-2158 (Housing Tied to Ground Terminal)



IGNITION STARTER SWITCH



- Special "Push to Choke" feature eliminates need for separate electronic choke switch
- Magneto grounded in "off" position
- Glass filled delrin housing, stainless steel terminals and molded velox base
- 13/16" diameter mounting bushing special weather proofing seal and drain hole
- Switch mounts in panels up to 1/4" thick
- Stainless steel terminals; 13/16" diameter mount
- Special weather proofing seal and drain hole
- 3 position (OFF – Magneto Grounded, ON/ACC & BATT, START/ACC BATT & SOL – spring return to "ON")

Product Specifications

Replaces – Johnson-Evinrude Numbers 388173, 390129, 390133

Rating: Off/Magneto grounded – 10 AMPs inductive, On – 5 AMP,

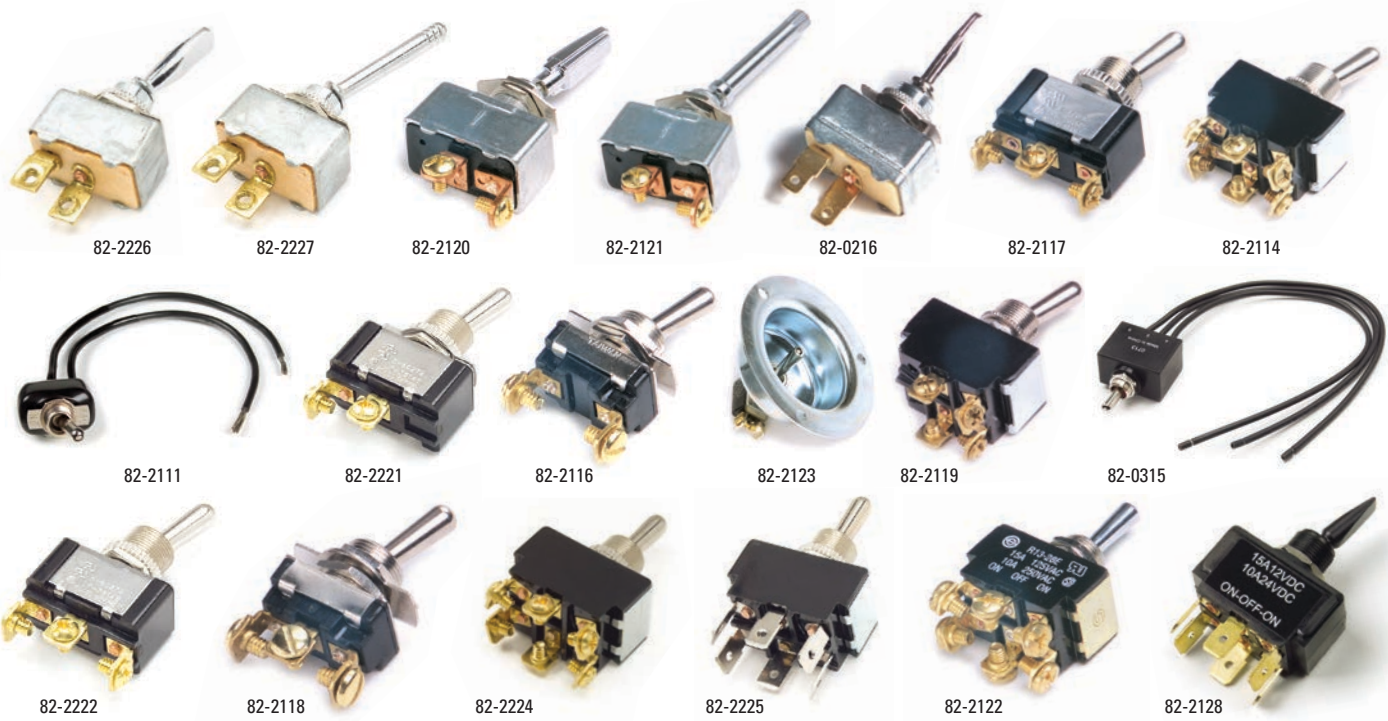
Start – 10 AMP, Choke – 1 AMP

| PART #  | CONNECTION TYPE |
|---------|-----------------|
| 82-2306 | Screw           |





TOGGLE SWITCHES



- For Heavy-Duty Truck, Off-Road, Automotive, Marine, R.V.
- Durable materials protect from breakage and corrosive materials
- Quick and easy installation

**S.P.S.T.** = Single Pole Single Throw    **D.P.S.T.** = Double Pole Single Throw  
**S.P.D.T.** = Single Pole Double Throw    **D.P.D.T.** = Double Pole Double Throw

\* **82-2111** – Sealed with 8" leads.  
\*\* **82-0315** – Waterproof and dust-proof to IP68 standard – allows mounting anywhere on vehicle. Sealed with 12" leads.

EXTRA HEAVY DUTY

| PART #                    | POSITION | RATED           | TYPE     | TERMINAL | HANDLE                    |
|---------------------------|----------|-----------------|----------|----------|---------------------------|
| <b>82-2226</b> <b>NEW</b> | On/Off   | 50 AMP @ 12V DC | S.P.S.T. | 2 screw  | 1" Long x 15/32" dia.     |
| <b>82-2227</b> <b>NEW</b> | On/Off   | 50 AMP @ 12V DC | S.P.S.T. | 2 screw  | 1 1/2" Long x 15/32" dia. |
| <b>82-2120</b>            | On/Off   | 35 AMP @ 12V DC | S.P.S.T. | 2 screw  | 11/32" Long x 15/32" dia. |
| <b>82-2121</b>            | On/Off   | 35 AMP @ 12V DC | S.P.S.T. | 2 screw  | 1 1/2" Long x 15/32" dia. |
| <b>82-0216</b>            | On/Off   | 30 AMP @ 12V DC | S.P.S.T. | 2 blade  | 1" Long x 15/32" dia.     |

HEAVY DUTY

| PART #                                    | POSITION  | RATED           | TYPE     | TERMINAL | HANDLE                    |
|-------------------------------------------|-----------|-----------------|----------|----------|---------------------------|
| <b>82-2117</b>                            | On/On     | 20 AMP @ 12V DC | S.P.D.T. | 3 screw  | 11/16" Long x 15/32" dia. |
| <b>82-2114</b>                            | On/On     | 20 AMP @ 12V DC | D.P.D.T. | 6 screw  | 11/16" Long x 15/32" dia. |
| <b>82-2111*</b>                           | On/Off    | 20 AMP @ 12V DC | S.P.S.T. | 2 wire   | 11/16" Long x 15/32" dia. |
| <b>82-2221</b> <b>NEW</b>                 | On/Off    | 20 AMP @ 12V DC | S.P.S.T. | 2 screw  | 11/16" Long x 15/32" dia. |
| <b>82-2116</b>                            | On/Off    | 15 AMP @ 12V DC | S.P.S.T. | 2 screw  | 3/8" Long x 15/32" dia.   |
| <b>82-2123</b>                            | On/Off    | 10 AMP @ 12V DC | S.P.S.T. | 2 screw  | 3/8" Long x 2 3/4" hole   |
| <b>82-2119</b>                            | On/Off    | 15 AMP @ 12V DC | D.P.S.T. | 4 screw  | 3/8" Long x 15/32" dia.   |
| <b>82-0315**</b> <b>NEW</b>               | On/Off/On | 25 AMP @ 12V DC | S.P.D.T. | 3 wire   | 11/16" Long x 15/32" dia. |
| <b>82-2222</b> <b>NEW</b>                 | On/Off/On | 20 AMP @ 12V DC | S.P.D.T. | 3 screw  | 11/16" Long x 15/32" dia. |
| <b>82-2118</b>                            | On/Off/On | 15 AMP @ 12V DC | S.P.D.T. | 3 screw  | 3/8" Long x 15/32" dia.   |
| <b>82-2224</b> <b>NEW</b>                 | On/Off/On | 20 AMP @ 12V DC | D.P.D.T. | 6 screw  | 11/16" Long x 15/32" dia. |
| <b>82-2225</b> <b>NEW</b>                 | On/Off/On | 20 AMP @ 12V DC | D.P.D.T. | 6 blade  | 11/16" Long x 15/32" dia. |
| <b>82-2122</b>                            | On/Off/On | 15 AMP @ 12V DC | D.P.D.T. | 6 screw  | 3/8" Long x 15/32" dia.   |
| <b>82-2128</b>                            | On/Off/On | 15 AMP @ 12V DC | D.P.D.T. | 6 blade  | 3/4" Long x 1/4" dia.     |
| <b>82-2124</b> (Toggle Plate for 82-2123) |           |                 |          |          |                           |

MOMENTARY TOGGLE SWITCHES



| PART #                     | POSITION          | RATED           | TYPE     | TERMINAL | HANDLE                    |
|----------------------------|-------------------|-----------------|----------|----------|---------------------------|
| <b>82-2112</b>             | Mom On/Off        | 25 AMP @ 12V DC | S.P.S.T. | 2 screw  | 11/16" Long x 15/32" dia. |
| <b>82-2127</b>             | Mom On/Off/Mom On | 50 AMP @ 12V DC | S.P.D.T. | 3 screw  | 1" Long x 15/32" dia.     |
| <b>82-2125</b>             | Mom On/Off/Mom On | 35 AMP @ 12V DC | S.P.D.T. | 3 screw  | 11/32" Long x 15/32" dia. |
| <b>82-2220*</b> <b>NEW</b> | Mom On/Off/Mom On | 20 AMP @ 12V DC | S.P.D.T. | 3 wire   | 11/16" Long x 15/32" dia. |
| <b>82-2110</b>             | Mom On/Off/Mom On | 20 AMP @ 12V DC | D.P.D.T. | 6 screw  | 11/32" Long x 15/32" dia. |

\* Sealed with 8" leads

MOMENTARY STARTER SWITCH

- Miniaturized H.D. panel switch for Diesel Trucks, Tractor, Farm, Marine
- Neoprene Cap to seal out weather
- 60 AMP @ 12V DC
- 5/8" Long x 15/16" Diameter; 2 screw

**82-2151 With Cap**  
**82-2152 Without Cap**



MOMENTARY PUSH SWITCH

- 10 AMP @ 12V DC
- 2 screw terminals; 1 5/16" mounting hole
- Mounting stem 7/8"-20; .45" long
- Replaces 21A11500A

**82-0600**



TOGGLE SWITCH BOOT

- Rubber boot with 15/32" thread
- Used with 15/32" mounting stem
- Provides protection from weather conditions

**82-2106**



TOGGLE SWITCH GUARD

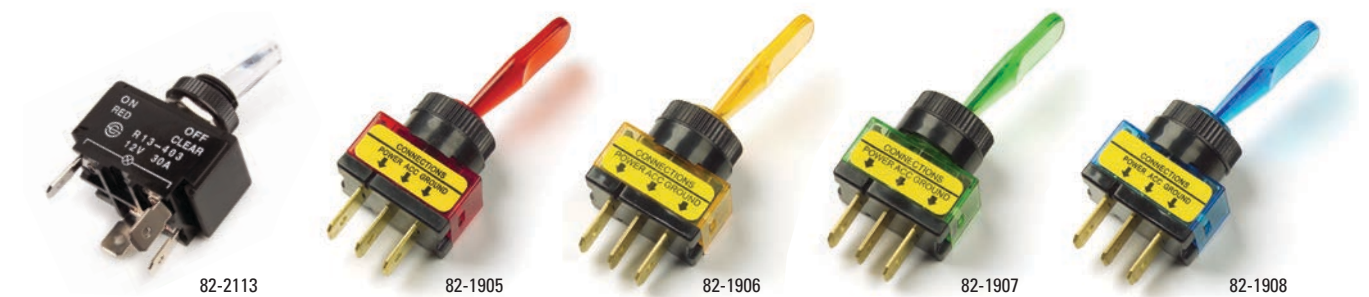
- Spring loaded cover holds the guard cover in the up or down position
- Face plate is steel with black glossy finish
- Accepts standard 11/16" bat handles and 15/32" diameter mounting stem
- Used where accidental switch activation may cause an undesired or hazardous condition
- Switch will not operate with the cover in the down position

**82-2108**



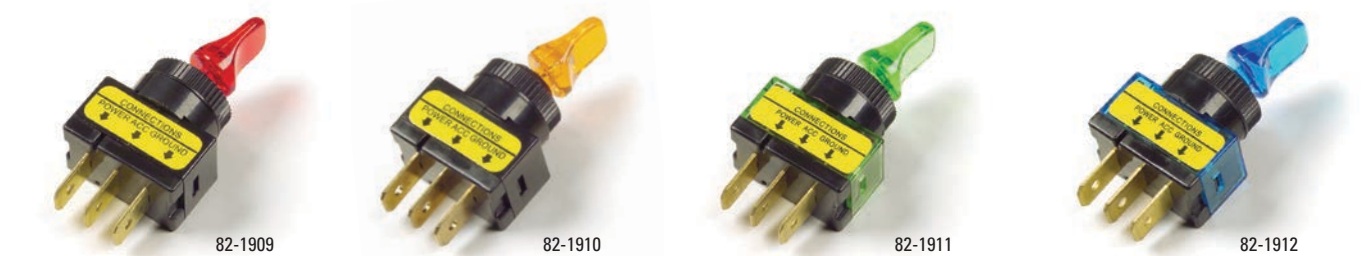


ILLUMINATED TOGGLE SWITCH



| PART #  | POSITION | RATED           | TYPE     | TERMINAL | HANDLE               | COLOR  |
|---------|----------|-----------------|----------|----------|----------------------|--------|
| 82-2113 | On/Off   | 30 AMP @ 12V DC | S.P.S.T. | 4 blade  | 11/16" x 15/32" dia. | Red    |
| 82-1905 | On/Off   | 20 AMP @ 12V DC | S.P.S.T. | 3 blade  | 1" x 15/32" dia.     | Red    |
| 82-1906 | On/Off   | 20 AMP @ 12V DC | S.P.S.T. | 3 blade  | 1" x 15/32" dia.     | Yellow |
| 82-1907 | On/Off   | 20 AMP @ 12V DC | S.P.S.T. | 3 blade  | 1" x 15/32" dia.     | Green  |
| 82-1908 | On/Off   | 20 AMP @ 12V DC | S.P.S.T. | 3 blade  | 1" x 15/32" dia.     | Blue   |

ILLUMINATED TOGGLE SWITCH – DUCKBILL



| PART #  | POSITION | RATED           | TYPE     | TERMINAL | HANDLE              | COLOR  |
|---------|----------|-----------------|----------|----------|---------------------|--------|
| 82-1909 | On/Off   | 20 AMP @ 12V DC | S.P.S.T. | 3 blade  | 9/16" x 15/32" dia. | Red    |
| 82-1910 | On/Off   | 20 AMP @ 12V DC | S.P.S.T. | 3 blade  | 9/16" x 15/32" dia. | Yellow |
| 82-1911 | On/Off   | 20 AMP @ 12V DC | S.P.S.T. | 3 blade  | 9/16" x 15/32" dia. | Green  |
| 82-1912 | On/Off   | 20 AMP @ 12V DC | S.P.S.T. | 3 blade  | 9/16" x 15/32" dia. | Blue   |

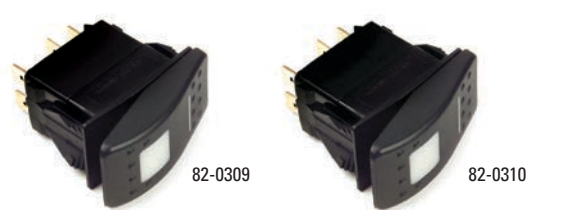
ILLUMINATED LED ROCKER SWITCHES



| PART #  | POSITION | RATED           | TYPE     | TERMINAL        | DIMENSIONS              | COLOR  |
|---------|----------|-----------------|----------|-----------------|-------------------------|--------|
| 82-0302 | On/Off   | 20 AMP @ 12V DC | S.P.S.T. | 3 screw         | Fits .830" x 1.45" Hole | Red    |
| 82-0303 | On/Off   | 20 AMP @ 12V DC | S.P.S.T. | 3 screw         | Fits .830" x 1.45" Hole | Yellow |
| 82-0304 | On/Off   | 20 AMP @ 12V DC | S.P.S.T. | 3 screw         | Fits .830" x 1.45" Hole | Green  |
| 82-1901 | On/Off   | 20 AMP @ 12V DC | S.P.S.T. | 3 blade (.250") | Fits .500" x 1.00" Hole | Red    |
| 82-1902 | On/Off   | 20 AMP @ 12V DC | S.P.S.T. | 3 blade (.250") | Fits .500" x 1.00" Hole | Yellow |
| 82-1903 | On/Off   | 20 AMP @ 12V DC | S.P.S.T. | 3 blade (.250") | Fits .500" x 1.00" Hole | Green  |
| 82-1904 | On/Off   | 20 AMP @ 12V DC | S.P.S.T. | 3 blade (.250") | Fits .500" x 1.00" Hole | Blue   |

LED ROCKER SWITCHES

- Provides protection from dust and moisture
- Available in LED or standard bulb options
- Screw and .250" quick disconnect contact options
- Single and modular mounting brackets also available



SEALED LED

| PART #  | POSITION   | RATED           | TYPE     | TERMINAL        | DIMENSIONS              | COLOR |
|---------|------------|-----------------|----------|-----------------|-------------------------|-------|
| 82-0309 | On/Off     | 20 AMP @ 12V DC | S.P.S.T. | 4 blade (.250") | Fits .830" x 1.45" Hole | Amber |
| 82-0310 | Mom On/Off | 20 AMP @ 12V DC | S.P.S.T. | 4 blade (.250") | Fits .830" x 1.45" Hole | Amber |



PANELS

| PART #  |             | DIMENSIONS              | FITS ROCKER SWITCH                 |
|---------|-------------|-------------------------|------------------------------------|
| 82-1914 | Single Unit | Fits .980" x 1.88" Hole | 82-0309, 82-0310                   |
| 82-1915 | End Unit    | Fits .980" x 1.88" Hole | 82-0309, 82-0310                   |
| 82-1914 | Middle Unit | Fits .980" x 1.88" Hole | 82-0309, 82-0310                   |
| 82-1913 | Single Unit | Fits .500" x 1.00" Hole | 82-1901, 82-1902, 82-1903, 82-1904 |

NOTE: Switches not included



SQUARE LED

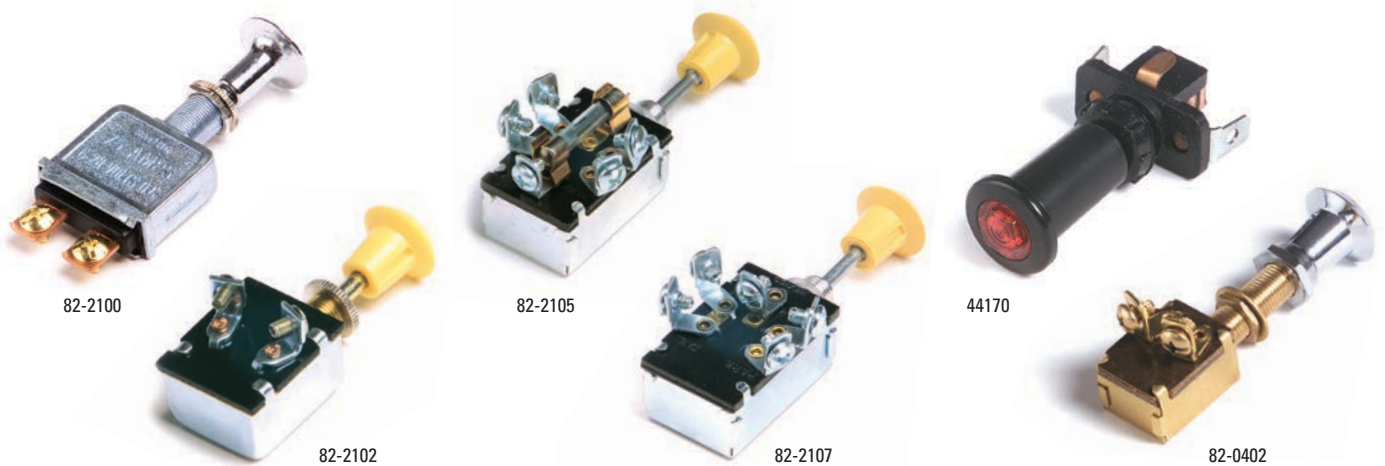
| PART #  | POSITION | RATED           | TYPE     | TERMINAL        | DIMENSIONS       | COLOR  |
|---------|----------|-----------------|----------|-----------------|------------------|--------|
| 82-2130 | On/Off   | 25 AMP @ 12V DC | S.P.S.T. | 3 blade (.250") | Fits 15/16" Hole | Red    |
| 82-2131 | On/Off   | 25 AMP @ 12V DC | S.P.S.T. | 3 blade (.250") | Fits 15/16" Hole | Yellow |
| 82-2132 | On/Off   | 25 AMP @ 12V DC | S.P.S.T. | 3 blade (.250") | Fits 15/16" Hole | Green  |
| 82-2136 | On/Off   | 25 AMP @ 12V DC | S.P.S.T. | 3 blade (.250") | Fits 15/16" Hole | Blue   |



OVAL LED

| PART #  | POSITION | RATED           | TYPE     | TERMINAL        | DIMENSIONS     | COLOR  |
|---------|----------|-----------------|----------|-----------------|----------------|--------|
| 82-2133 | On/Off   | 30 AMP @ 12V DC | S.P.S.T. | 3 blade (.250") | Fits 1/2" Hole | Red    |
| 82-2134 | On/Off   | 30 AMP @ 12V DC | S.P.S.T. | 3 blade (.250") | Fits 1/2" Hole | Yellow |
| 82-2135 | On/Off   | 30 AMP @ 12V DC | S.P.S.T. | 3 blade (.250") | Fits 1/2" Hole | Green  |
| 82-2137 | On/Off   | 30 AMP @ 12V DC | S.P.S.T. | 3 blade (.250") | Fits 1/2" Hole | Blue   |

PUSH/PULL SWITCHES



- For Heavy Duty Truck, Off-Road, Automotive, Marine and Recreational Vehicles
- Durable materials protect from breakage and corrosive materials
- Quick and easy installation

**S.P.S.T.** = Single Pole Single Throw  
**S.P.D.T.** = Single Pole Double Throw

**D.P.S.T.** = Double Pole Single Throw  
**D.P.D.T.** = Double Pole Double Throw

EXTRA HEAVY DUTY

| PART #  | POSITION | RATED             | TYPE     | TERMINAL | HANDLE                      |
|---------|----------|-------------------|----------|----------|-----------------------------|
| 82-2100 | On/Off   | 75 AMP @ 6-28V DC | S.P.S.T. | 2 Screw  | 5/8" Long x 15/32" diameter |

HEAVY DUTY

| PART #   | POSITION  | RATED           | TYPE     | TERMINAL | HANDLE                     |
|----------|-----------|-----------------|----------|----------|----------------------------|
| 44170    | On/Off    | 10 AMP @ 12V DC | S.P.S.T. | 2 Blade  |                            |
| 82-2102  | On/Off    | 15 AMP @ 12V DC | S.P.S.T. | 2 Screw  | 5/8" Long x 7/16" diameter |
| 82-2107  | Off/On/On | 15 AMP @ 12V DC | S.P.S.T. | 5 Screw  | 5/8" Long x 7/16" diameter |
| 82-2105* | Off/On/On | 15 AMP @ 12V DC | S.P.S.T. | 5 Screw  | 5/8" Long x 7/16" diameter |

(\* Includes 15 AMP glass fuse)

MARINE



| PART #  | POSITION | RATED           | TYPE     | TERMINAL | HANDLE                       |
|---------|----------|-----------------|----------|----------|------------------------------|
| 82-0402 | On/Off   | 15 AMP @ 12V DC | S.P.S.T. | 2 Screw  | 1 1/4" Long x 7/16" diameter |

AXLE SWITCH



- High-low axle ranges
- Die-cast with rubber protection
- 3 female terminals to receive male bullets
- Large red knob to use with Eaton 2 speed rear axle

82-2236

STARTER SOLENOID SWITCH

- Automotive, truck, tractor, construction, off-road and R.V. applications
- Continuous duty, 150 AMP in rush; 6-24V DC
- Ignition and ground terminals, #10-32 thread
- Contact terminals 5/16"-24 thread
- Bracket mounting holes, 5/16" x 19/32"; 2 1/8" on center
- 82-0307 (UL Listed)

PRODUCT SPECIFICATIONS

**82-0307** replaces Prestolite 15-132, 15-133, 15-236, 15-311, SAS-4201, 4202, 4213, 5203; Delco 1114218

**82-0311** replaces Prestolite 15-141, 15-196, 15-310, SAS-4401, 4408, 5401

**82-0308** replaces Prestolite 15-139, SAS-4208

**82-0312** replaces Prestolite SAZ-4201N

**82-0313** replaces Prestolite SAZ-4201E



CONTINUOUS DUTY

PRODUCT RATING

**82-0307** Continuous duty 100 AMP, 150A in rush @ 12V DC

**82-0311** Continuous duty 100 AMP, 150A in rush @ 24V DC

**82-0308** Continuous duty 100 AMP, 150A in rush @ 12V DC

| PART #  | TYPE                           | TERMINATION       | RATED  |
|---------|--------------------------------|-------------------|--------|
| 82-0307 | S.P.S.T. Normally Open, Off-On | 4 terminal ground | 12V DC |
| 82-0311 | S.P.S.T. Normally Open, Off-On | 4 terminal ground | 24V DC |
| 82-0308 | S.P.S.T. Normally Open, Off-On | 3 terminal ground | 12V DC |

INTERMITTENT DUTY NEW

PRODUCT RATING

**82-0312** Intermittent duty 750 AMP make, 100A break @ 12V DC

**82-0313** Intermittent duty 600 AMP make, 200A break @ 12V DC

| PART #                   | TYPE                             | TERMINATION            | RATED  |
|--------------------------|----------------------------------|------------------------|--------|
| 82-0312 <span>NEW</span> | S.P.S.T. Normally Open, Off-On   | 4 terminal base ground | 12V DC |
| 82-0313 <span>NEW</span> | S.P.S.T. Normally Closed, Off-On | 3 terminal base ground | 12V DC |





BRAKE & BACK-UP PRECISION BALL SWITCH



- Leak proof
- 0-5 AMP operating current, 5-24V DC
- 500,000 electrical life cycles
- 7/8" hex nut; 9/16"-18 thread
- Temperature Rating: -40°C (-40°F) to 121°C (250°F)

| PART #             | STYLE       | TYPE            | TERMINATION              | RATED  |
|--------------------|-------------|-----------------|--------------------------|--------|
| 82-0456            | Ball switch | Normally Open   | 2 screw terminal         | 12V DC |
| 82-2234 <b>NEW</b> | Ball switch | Normally Open   | 2 stud terminal          | 12V DC |
| 82-0465 <b>NEW</b> | Ball switch | Normally Open   | Metri-Pack (12052644)    | 12V DC |
| 82-0364 <b>NEW</b> | Ball switch | Normally Open   | Ford (C0AF-14A121-A)     | 12V DC |
| 82-0458            | Ball switch | Normally Closed | 2, .250" blade terminals | 12V DC |

STOP LIGHT SWITCH



- 1/4" – 18NPTF threads
- Meets DOT 121 requirements
- Brass body resists corrosion
- Installs with a deep socket
- North American

82-2159

HORN BUTTONS



- Black plastic button
- Chrome plated housing
- 2 Position On-Off
- 2 1/8" on center mounting holes

82-2231 Includes Mounting Bracket

82-2232 Surface Mount

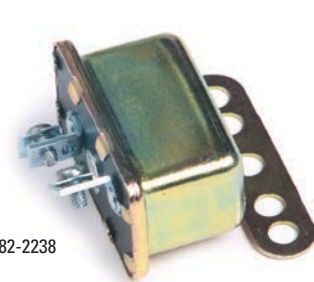
DOOR SWITCH – UNIVERSAL



- 5 AMP @ 12V DC
- 2 screw terminals
- “ON” when plunger is out
- Dual mounting holes 1 3/8" x 2 1/16"
- Replaces Chrysler 882943, KF-204229

82-2230

UNIVERSAL BUZZER



- 842 Buzzer use as low air pressure or Bus rear door warning buzzer
- 76 db, 12V DC; 2 screw terminals
- Ford: FDM2938A
- GMC Truck & Coach: 76023
- Divco Wayne: E-11811A

82-2238

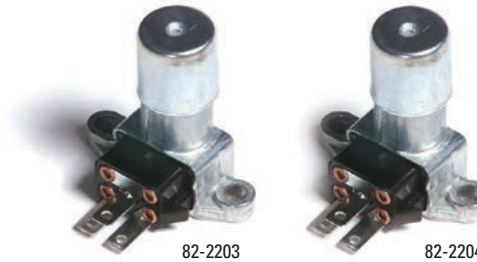
PILOT LIGHT



- 12V DC; 15 AMP
- Red 1/2" diameter faceted lens
- For panel mounting through 5/16" hole
- North American

82-0115

FLOOR DIMMER SWITCHES



- 3 terminals for plug connection

| PART #             | STYLE       | TYPE     | FEATURES                               | MOUNTING                         |
|--------------------|-------------|----------|----------------------------------------|----------------------------------|
| 82-2203            | Floor mount | S.P.D.T. | 2 Position On – Low Beam, On High beam | 1 5/8" on center, 7/32" diameter |
| 82-2204 <b>NEW</b> | Floor mount | S.P.D.T. | 2 Position On – Low Beam, On High beam | 1 6/8" on center, 9/32" diameter |

PIGTAILS & SOCKETS

1 WIRE



**SOCKET REPAIR ASSEMBLY**

- Fits 63, 67, 81, 87, 93, 97, 209, 1003, 1073, 1129, 1133, 1141, 1156 bulbs
- 18 GA, 12" wire

**68080**



**SOCKET REPAIR ASSEMBLY**

- For 5/8" socket
- Fits 63, 67, 81, 87, 93, 97, 209, 1003, 1073, 1129, 1133, 1141, 1156 bulbs
- 18 GA, 12" wire

**68170**



**SOCKET REPAIR ASSEMBLY**

- For base sockets; universal
- Fits 63, 67, 81, 89, 93, 209, 1003, 1073, 1129, 1133, 1141, 1156 bulbs
- 18 GA, 12" wire

**84-1075**



**LICENSE & UTILITY SOCKET ASSEMBLY**

- Fits 63, 67, 81, 89, 93, 97, 1003, 1141, 1156 bulbs
- 18 GA, 12" wire

**84-1003**



**INSTRUMENT PANEL & LICENSE ASSEMBLY**

- Fits 51, 53, 55, 57, 57X bulbs
- 18 GA, 12" wire, 5/8" hole; snap-in mount

**84-1060**



**INSTRUMENT PANEL & LICENSE ASSEMBLY**

- GM: 2978302
- Ford: D00Z-15536A
- Chrysler: 3513162, 3780745
- AMC: 4486949, 4489412
- Fits 63, 67, 81, 87, 89, 93, 209, 1003, 1073, 1129, 1133, 1141, 1156 bulbs
- 18 GA, 12" wire; 1 1/8" hole; universal

**84-1062**



**MOLDED SENSOR RECEPTACLE**

- Oil pressure switch; thermostat/brake sensors
- PT404, 12112171
- Mates with .157" to .159" male terminals or stud; #8 + M4 terminals
- 18 GA, 12" wire, 90 degree

**84-1069**

PIGTAILS & SOCKETS

2 WIRE



**SOCKET REPAIR ASSEMBLY**

- Stop, tail, turn, license & side marker lamps
- Fits 194 bulbs; Includes 194 bulb
- 18 GA, 9.5" wire, twist-in mount

**68380**



**SOCKET REPAIR ASSEMBLY**

- License & side marker lamps; Twist-in mount
- Ford: E1FZ-13410A; D5VY-15442A
- GM: 4489395, 6294015, 6298886, 6298892, 6298935, 8901283, 8910257, 8918527, 418977C91
- Fits 67, 131, 158, 161, 168, 194, 194A bulbs
- 18 GA, 10" wire

**84-1008**



**SOCKET REPAIR ASSEMBLY**

- Front & rear side marker lamps
- GM: 12037105, 12083460
- Fits 194 bulbs
- 18 GA, 12" wire

**84-1032**



**SOCKET REPAIR ASSEMBLY**

- Ceramic washer and waterproof boot
- Fits 64, 68, 82, 88, 90, 94, 210, 1004, 1034, 1074, 1130, 1154, 1157, 1158, 1176, 1178 bulbs

**68150**



**SOCKET REPAIR ASSEMBLY**

- Front & rear side marker lamps
- Chrysler: 3588314, 4400147, 4400588, 4400899, 4450821
- Ford: E25Y-13410B
- Fits 67, 158, 168, 194, 194NA bulbs
- 18 GA, 12" wire

**84-1031**



**SOCKET REPAIR ASSEMBLY**

- Stop, tail, turn, park & license lamps
- GM: 12001470, 12078187, 12116169
- Ford: E0SZ-15A442B
- Fits 161, 168, 194, 194NA bulbs
- 18 GA, 12" wire, 90° mounting

**84-1054**



**INSTRUMENT PANEL SOCKET ASSEMBLY**

- For 5/8" mounting hole; vinyl housing
- GM, Ford, Chrysler vehicles
- Fits 168, 194, 194NA bulbs

**84-1052**



**SOCKET REPAIR ASSEMBLY**

- Fits 1034, 1154, 1158, 1176, 1178 bulbs
- 18 GA, 12" wire, Ceramic washer

**68110**

2 WIRE (CONTINUED)

PIGTAILS & SOCKETS



**SOCKET REPAIR ASSEMBLY**

- Stop, tail, turn & park lamps
- Fits 198, 1016, 1034, 1154, 1157 bulbs
- 18 GA, 12" wire

**84-1004**



**SOCKET REPAIR ASSEMBLY**

- Stop, tail, turn & park lamps
- Fits 198, 1016, 1034, 1154, 1157 bulbs
- 18 GA, 12" wire

**84-1000**



**SOCKET REPAIR ASSEMBLY**

- Stop, tail, turn & park lamps
- LS224, 5947900, 8861101
- GM: 2974309
- Chrysler: 2926370
- Fits 198, 1016, 1034, 1154, 1157 bulbs
- 18 GA, 12" wire; 1 1/8" hole

**84-1051**



**DOME AND MAP LIGHT SOCKET ASSEMBLY**

- Dome and map lights; universal
- Fits 64, 68, 82, 88, 90, 94, 210, 1004, 1076, 1130, 1142, 1158, 1176, 1178 bulbs
- 18 GA, 12" wire

**84-1068**



**SOCKET REPAIR ASSEMBLY**

- Back-up & rear lamps
- Ford: D3AZ-13410A, D80Z-15A434A
- Ford 1973 & up
- Fits 1156 bulbs
- 18 GA, 6" wire

**84-1048**



**HEADLAMP CONNECTOR HARNESS: HIGH BEAM**

- Weather-pack seal connector
- For halogen bulb headlamp assembly with 2 terminals
- GM: 12101898, PT168
- Fits 9005 bulbs
- 18 GA, 12" wire

**84-1037**



**SEALED HORN REPLACEMENT HARNESS ASSEMBLY**

- GM: 1999160, 1999161, 10456327, 10456328
- Delco: PT419, PT1357, 12116958, 15306302
- 18 GA, 12" wire

**84-1073**



**HEADLAMP CONNECTOR HARNESS: LOW BEAM**

- Weather-pack seal connector
- For halogen bulb headlamp assembly with 2 terminals
- GM: 12101897, PT167
- Fits 9006 bulbs
- 16 GA, 6" wire

**84-1038**



**SOCKET REPAIR ASSEMBLY NEW**

- Fits H8 & H11 bulbs
- 18 GA, 12" wire

**84-1081**



**SOCKET REPAIR ASSEMBLY NEW**

- Fits H7 bulbs
- 14 GA, 6" wire

**84-1082**



**SOCKET REPAIR ASSEMBLY NEW**

- Fits H880 bulbs
- 18 GA, 12" wire

**84-1083**



**SEAL BEAM & FLASHER ASSEMBLY**

- For 2 terminal sealed beam headlights or 2 terminal flashers
- LS145, PT270, 1210879, 88860447
- 18 GA, 12" wire; ABS molded housing

**84-1007**



**SENSOR REPAIR HARNESS ASSEMBLY**

- GM: 12046623, 12101899
- Delco: PT169
- 18 GA, 12" wire

**84-1071**



**FOGLAMP AND SPEED SENSOR HARNESS ASSEMBLY**

- Fits 880, 881, 884, 885, 886, 889, 890, 892, 893, 894, 896, 899 bulbs
- PT120, 12043215, 12085498
- 18 GA, 12" wire

**84-1072**



**ALTERNATOR TERMINAL REPAIR ASSEMBLY**

- Weather-pack seal connector
- Includes internal voltage regulator
- GM: 6294493, PT181, 624493, 12101909
- 12 GA 12" red & 16 GA 12" white wire

**84-1034**



PIGTAILS & SOCKETS

3 WIRE



SOCKET REPAIR ASSEMBLY

- Stop, tail, turn, park & license lamps
- GM: 12003759, 12089348
- Chrysler: 8218931, 4450816, 4331051
- Fits 1016, 1034, 1154, 1157 bulbs
- 18 GA, 8" wire, 90 degree; low profile

84-1056



SOCKET REPAIR ASSEMBLY

- Front turn & signal lamps
- Ford: D4ZZ-13234A
- Fits 1157 bulbs
- 18 GA, 8" wire

84-1057



SOCKET REPAIR ASSEMBLY

- Stop, tail, turn & signal lamps
- For 3/4" hole with adapter plate & boot
- Fits 198, 1016, 1034, 1154, 1157 bulbs
- 18 GA, 8" wire

84-1064



SOCKET REPAIR ASSEMBLY

- Stop, tail, turn & park lamps
- Twist-lock
- GM: 8903203, 8914823
- Fits 1034, 1154, 1157 bulbs
- 18 GA, 12" wire

84-1009



SOCKET REPAIR ASSEMBLY

- Park, stop, tail & turn lamps
- GM: 8919916, 12013813
- Fits 1034, 1154, 1157 bulbs
- 18 GA, 12" wire

84-1030



SOCKET REPAIR ASSEMBLY **NEW**

- Fits 3057/3157 bulbs
- GM: 12083689
- 18 GA, 12" wire

84-1084



SOCKET REPAIR ASSEMBLY **NEW**

- Fits H13 & 9008 bulbs
- 18 GA, 12" wire

84-1085



SOCKET REPAIR ASSEMBLY

- Stop, tail, turn & park lamps
- 1 1/8" mount ; includes ground terminal
- Ford: D0AZ-13410-B, D1AZ-A, D2AZ-B, D3AZ-A
- Fits 1034, 1154, 1157 bulbs
- 18 GA, 6" wire

84-1067



SOCKET REPAIR ASSEMBLY

- Stop, turn & park lamps
- GM: 12083006, 12092377
- GM 1988 & up
- Delco LS-12
- Fits 3057, 3157 bulbs
- 18 GA, 12" wire

84-1049



SOCKET REPAIR ASSEMBLY **NEW**

- Fits 3057, 3157, 415 bulbs
- 18 GA, 12" wire

84-1086



HEADLAMP CONNECTOR HARNESS:  
HIGH/LOW BEAM

- Weather-pack seal connector
- For halogen bulb headlamp assembly with 3 terminals
- High-low beam
- Chrysler: 4400395, 4414332, 4430976, 4439076
- Fits 9004, 9007 bulbs
- PT433, 12117260
- 18 GA, 12" wire

84-1039



SEAL BEAM & FLASHER ASSEMBLY

- ABS molded housing; universal
- For 2-3 terminal sealed beam headlights or 2-3 terminal flashers
- 16 GA, 12" wire

84-1006



SEALED BEAM HARNESS ASSEMBLY

- For 3 terminal sealed beam lamps with fiber optics
- Domestic and import vehicles
- LS144, 88860504
- 18 GA, 12" wire

84-1042



DIMMER SWITCH ASSEMBLY

- For floor mounted dimmer switch; locking ears
- GM: D-803, D-809
- 88865409
- 18 GA, 12" wire

84-1036



DIMMER SWITCH ASSEMBLY

- For dimmer switches
- AMC: 3160926
- Mopar: 1881938, 2497158
- Motorcraft: SW-263
- 18 GA, 12" wire

84-1035

4 WIRE

PIGTAILS & SOCKETS



METRIC-PACK SEALED REPAIR ASSEMBLY

- Sealed pigtail replacement
- OEM Metri-Pack 280 style connectors
- Fits either 4 or 5 wire applications
- Can plug into any 5370, 5371, 5372 and 5376 series lamps
- Additional parts available on page 59

68680

5 WIRE

PIGTAILS & SOCKETS



FLASHER & RELAY SOCKET  
ASSEMBLY

- Connects 4 or 5 terminal relays or flashers
- Molded housing; universal
- 12 volt
- 14 GA, 12" wire

84-1041



5 PIN RELAY & PIGTAIL ASSEMBLY

- Includes 5 terminal relay & pigtail assembly
- S.P.D.T. – Single Pole Double Throw, Form C
- Normally open or normally closed options
- Spike protection
- Includes mounting bracket
- Temperature range -40°C to 100°C (-40°F to 212°F)
- 12V DC, 30A/40A
- 14 GA, 12" wire

84-1040



FLASHER & RELAY SOCKET ASSEMBLY

- Connects 4 or 5 terminal relays or flashers
- Weather resistant, molded housing;
- 12 volt; fits 84-1079 relay
- 12 GA, 12" wire

84-1078

**NEW**

POWER PLUGS & SOCKETS



CIGARETTE LIGHTER POWER PLUG

- Provides a power source through a cigarette lighter plug-in port
- 2, 18 GA wires

84-1090

**NEW**



POWER SOCKET

- 12V power socket with pre-wired fuse holder & cap
- 2, 18 GA wires with .250" quick disconnects

84-1091

**NEW**



POWER SOCKET, PANEL MOUNT

- 12V panel mount power socket
- Includes socket, mounting bracket and locking ring
- 2, .250" quick disconnect terminals

84-1092

**NEW**