

SWITCHES

BATTERY MASTER DISCONNECT SWITCHES

Master disconnect switches designed for 12 VDC vehicles (Truck, Automotive, Marine, RV) to disconnect all circuitry to reduce possibility of theft or accidental electrical fires. Available in keyed or lever versions, with or without indexing pins, and various sizes of terminal studs.

51-302

**LEVER OPERATED 6-36 VDC
180 AMPS CONTINUOUS CAPACITY
1000 AMPS IN RUSH
S.P.S.T. (OFF-ON) TWO STUD
TERMINALS**

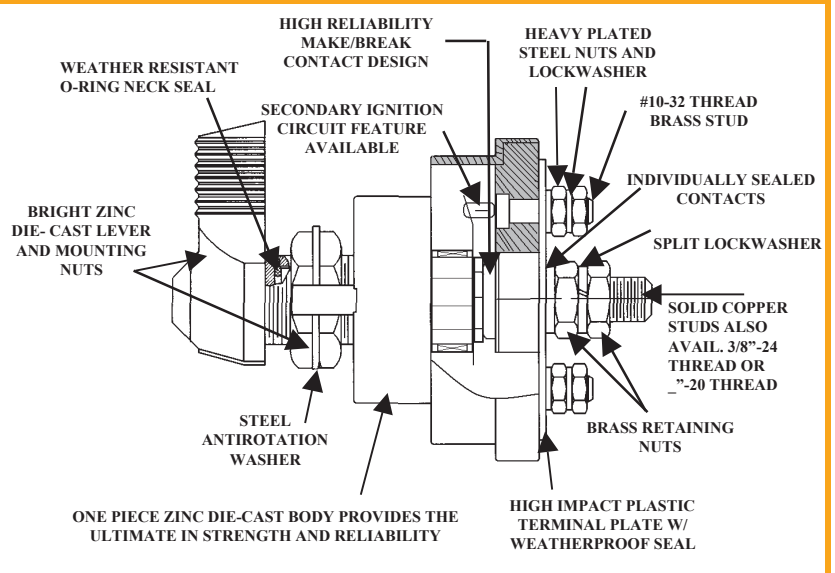
For battery circuit only. Does not disconnect alternator or generator field circuit. On vehicles equipped with alternators/engine must be shut off to avoid potential damage to alternator diodes. (See 51-304)

- Individually Sealed Contacts
- One piece die-cast housing sealed with O-rings at base and mounting stem to keep out dust and moisture.
- Large die-cast, lever for ease of operation.
- Two 3/8" copper alloy stud terminals with hex nuts and lock washers.
- Overall length 4 3/8". Diameter 2 5/8" approx.
- Conforms to requirements of U.L. #558
- Mounting stem 3/4" diameter, 1/2" long, with two hex nuts and lock washer.
- (Note: Mounting nuts not to exceed 12 ft. lbs. torque).
- Designed for protection against battery drain, electrical fires, tampering and theft.
- Fits panels up to 1/4" thick.

51-307 1800 AMPS MASTER DISCONNECT SWITCH.

Continuous Rating (Make Break) = 180 AMPS @ 12VDC Intermittent Rating (Carrying Current Only) = 1800 AMPS @ 12VDC. 1 cycle = 4 seconds ON/20 Minutes OFF, Silver Plated 1/2" - 20UNF Copper Studs. Recommended wire size #00-gauge or larger for 1800 AMP application.

OUR NEW ENCAPSULATED "REMOVABLE KEY" VERSION OFFERS THE ULTIMATE IN SECURITY AND EASE OF OPERATION (Anti-Rotation Pin Version, also available)



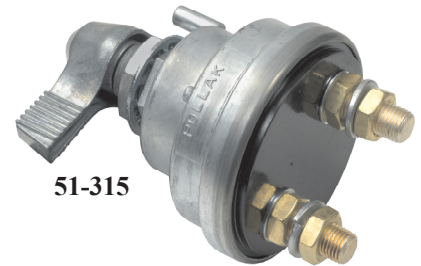
51-302

51-315

Same as 51-302 except with .25 anti-rotation indexing post.

51-316

Same as 51-315 except with two encapsulated removable keys.



51-315



51-307



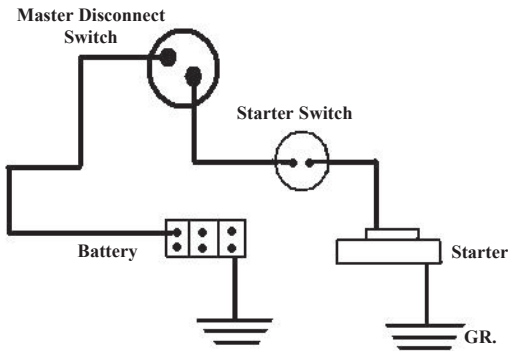
51-316

ta **TECHSPAN**

Call 1-800-363-1588
www.techspan.biz

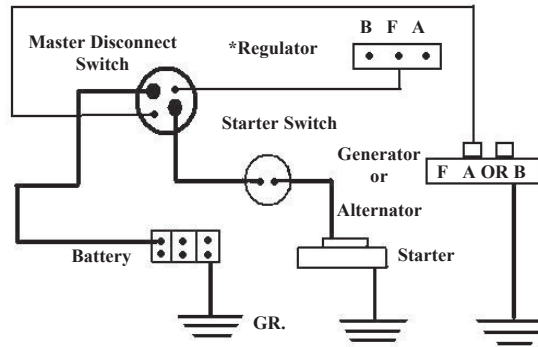
WIRING DIAGRAM FOR S.P.S.T. MASTER DISCONNECT SWITCH

Part Numbers: 51-302, 51-315, 51-316, 51-307



WIRING DIAGRAM FOR D.P.S.T. MASTER DISCONNECT SWITCHES. FOR USE WITH ALTERNATOR OR GENERATOR SYSTEMS

Part Numbers: 51-304, 51-318, 51-319



NOTE: Hex nuts against base Must remain stationary and Must not be tightened or loosened. Secure power cables to mounting surface no greater than 10" from switch mounting

ACCESSORIES

51-304 LEVER OPERATED - 6-36 VOLT D.P.S.T. (OFF-ON FOUR STUD TERMINALS)

For battery and alternator or generator field circuit. Designed to break alternator generator circuit prior to battery circuit disconnect.

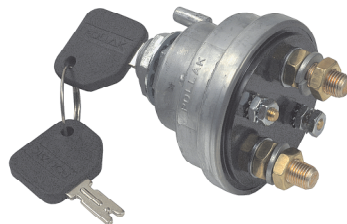
- Incorporated silver plated contacts.
 - One piece die-cast housing sealed with O-rings at base and mounting stem to keep out dust and moisture.
 - Two 3/8" and two #10-32 copper alloy stud terminals with hex nuts and lock washer.
 - Overall length 4 1/8". Diameter 2 5/8" approx.
 - Fits panels up to 1/4" thick.
- (Note: Mounting nuts not to exceed 12 ft. lbs. torque).



51-304



51-318



51-319

RATING:

Continuous Rating (Make Break)
 Large Studs – 180 Amps
 Small Studs – 20 Amps
 Intermittent Rating (Carrying)
 Large Studs – 1000 Amps (20 sec. "On"
 -5 Minutes "Off")

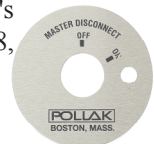
51-318
 Same as 51-304 except with .25" diameter anti-rotation indexing post.

51-319
 Same as 51-318 except with two encapsulated keys.

51-303
FACE PLATE - For use with #'s 51-302, 51-305, 51-304, 51-307 Master Disconnect Switches. Polished aluminum with black letters. 2.5" diameter, .76 diameter center hole, .032 thick.



51-322
FACE PLATE - For use with #'s 51-315, 51-316, 51-317, 51-318, Master Disconnect Switches. Polished aluminum with black letters. 2.5" diameter, .76" diameter post, .032" thick.



51-308 KIT
 Replacement Zinc Die-Cast lever and Zinc Plated set crew for Pollak Master Disconnect Switches.



51-332
 Encapsulated Keys with Pollak logo. Fits #'s 51-316 & 51-319 Disconnect Switches.

