

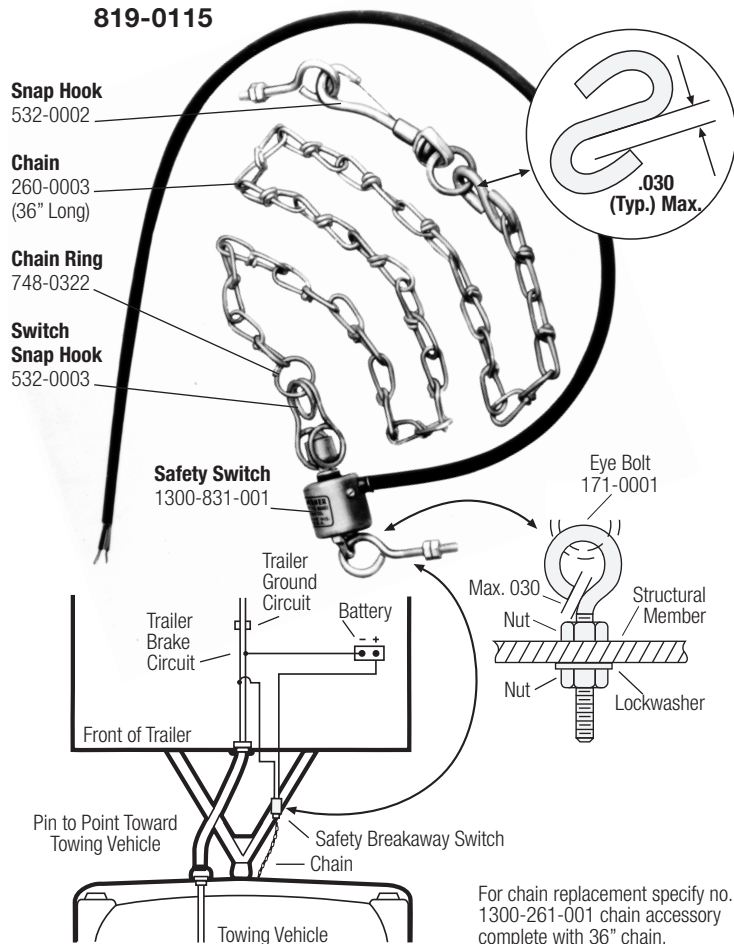
OBSOLETE
ECN-101863

10/16/18

Utility Safety Breakaway Switch

P-1383
819-0115

Installation Instructions



For chain replacement specify no. 1300-261-001 chain accessory complete with 36" chain.

2. Drill 1/4" diameter hole for the eye bolt in a convenient structural member on the towing vehicle chassis near the hitch (not the hitch assembly). Mount the eye bolt with the eyelet pointing toward the towing vehicle, by using the nuts and washer provided in bag marked 1300-261-001, and tighten securely.
3. Assemble the chain fastener accessory No. 1300-261-001 according to the sketch. Leave sufficient slack in the chain to avoid actuating the switch when turning a corner, yet short enough to engage the switch before the safety chains on the hitch become taut in a trailer disconnect condition. After the proper length of the chain has been established, tightly close both ends of the S-hook and the eyelet of the eyebolt mounted to the towing vehicle. The position of the switch must be such that it can swing freely in the direction of the chain.
4. Mount a battery on the trailer frame. If the trailer has an automotive type wet cell already mounted, it may be used as the power source. The battery should be capable of holding the trailer's electric brakes for at least 15 minutes and it must be the same voltage as the trailer brakes. **Note: An automotive storage battery is recommended as the power source.**
5. Connect the safety breakaway switch into the wires of trailer brake circuit (as shown). Make sure all terminals and connections are secure and insulated. Use wire of the same size and type as that used in the main wiring of the trailer brakes as recommended in the trailer brake manufacturer's brake installation instructions.

CAUTION Periodically test the system by pulling the pin on the switch and trying to move the trailer with the towing vehicle. After testing, return the pin to the "full-in" position. Avoid prolonged or frequent activation of the safety switch, since the battery is discharged each time the switch is actuated. **CHECK THE BATTERY PERIODICALLY TO ASSURE FULL CHARGE.**



Kit No. 1300-74 Rated For Use With 2 to 8 Brakes

WARNING Failure to follow these instructions may result in product damage, equipment damage, and serious or fatal injury to personnel.

The safety breakaway switch is used in conjunction with a battery on the trailer to operate the electric trailer brakes in case of accidental separation between the towing vehicle and trailer.

1. Position the switch on the front of the trailer near the hitch or the frame tongue with the pin pointing toward the towing vehicle. Mark the location for (1) mounting hole and drill a 1/4" diameter hole. Remove one nut and lock washer from the eye bolt and use to mount the eye bolt and switch assembly. Tighten both nuts securely with switch pointing towards the towing vehicle.

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