12V Battery Direct Kit Installation Instructions

Contents Include:

a) 10’ of # 16 Gauge Duplex Wire with 12 Volt Receptacle
b) 5 Wire Ties
c) 2 #14 Ring Terminals
d) 1 Rubber Grommet
e) 1 20 Amp Inline Fuse
f) 1 Butt Connector

1) Find a location on the firewall that will allow you to feed the #16 Duplex wire into the passenger compartment of the towed vehicle. Use of existing hole would be most convenient. If there is no existing hole, drill a 15/32" hole through the firewall. Be sure to inspect the opposite side of the firewall to ensure you are not drilling into any components of the towed vehicle. In some cases, it is easier to drill a hole from inside of the passenger compartment, push a solid wire through the hole into the engine compartment, attach the black wire to it and pull it into the passenger compartment.

2) Pull the #16 Duplex wire through the firewall until the 12 Volt receptacle is hanging from under the dash, but will not hang low enough to be in the way when driving the towed vehicle. Using one or two of the wire ties supplied, secure the 12 Volt receptacle to an existing wire harness under the dash of the towed vehicle to hold it in place.

3) Split the rubber grommet place it over the # 16 Duplex wire and work it into the hole of the firewall.
Note: Failure to properly install the rubber grommet may result in harmful fumes entering the passenger compartment.

4) From inside the engine compartment, route the #16 Duplex wire to the battery of the towed vehicle securing the wire with the wire ties as you go. Make sure to keep the wire away from any moving or hot parts of the engine.

5) Do not leave the #16 Duplex wire any longer than necessary to reach the battery. The shorter the wire, the better!

6) Split the end of the #16 Duplex wire apart so that there is at least 6" of each wire to attach to the (red)positive and (black)negative posts of the battery.

7) Strip the end of the **black** wire so that 3/8" of insulation is removed, exposing the copper wire. Place the ring terminal onto the bare wire and crimp it down securely.

8) Strip the end of the **red** wire so that 3/8" of insulation is removed exposing the copper wire. Place the inline fuse butt connector onto the bare wire and crimp it down securely.

9) Remove the nut on the positive battery terminal, place the ring terminal of the inline fuse over the bolt, and retighten the nut back onto the bolt. Remove the nut on the negative battery terminal, place the ring from the smooth wire over the bolt, and retighten the nut back on to the bolt.

Please contact our customer service department at 800-815-2159 if you have any questions regarding the installation of the 12-Volt Kit.