

INSTALLATION MANUAL

52209

Level of Difficulty

Easy

Installation difficulty levels are based on time and effort involved and may vary depending on the installer level of expertise, condition of the vehicle and proper tools and equipment.

Parts List

Item	Qty	Description
1	1	Duplex wire with 12V receptacle, 10', #16 gauge
2	5	Wire ties
3	2	Ring terminal, #14
4	1	Rubber grommet
5	1	Inline fuse, 20A
6	1	Butt connector

Tools Required

Pull wire, 3'	Utility knife
Drill	Box-end wrench set
Phillips screwdriver	Drill bit, 15/32"
Multi-purpose wiring tool	Electrical tape

* For a tools reference guide visit curtmfg.com/trailer-hitch-installation

Product Photo



NOTICE

Visit www.curtmfg.com for a full-color copy of this instruction manual, as well as helpful videos, guides and much more!

Before you begin installation, read all instructions thoroughly.

Proper tools will improve the quality of installation and reduce the time required.

This installation requires:

- Pull wire to install wiring
- Drilling and/or hole enlargement

Periodic inspection of the trailer hitch should be performed to ensure all mounting hardware remains tight and structural components are secure.

To help prevent damage to the product or vehicle, refer to the specified torque specifications when securing hardware during the installation process.

SAFETY INSTRUCTIONS

Safety glasses should be worn at all times while installing this product.

Product Registration and Warranty

CURT stands behind our products with industry-leading warranties. To get copies of the product warranties, register your purchase or provide feedback, visit: warranty.curtgroup.com/surveys

Step 1

Locate an in-use hole with a grommet on the firewall that will allow passage of the #16 gauge duplex wire into the passenger compartment of the towed vehicle.

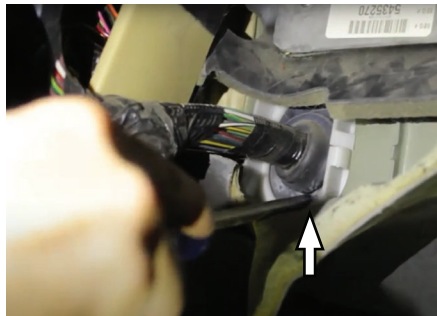
Use of an existing hole/rubber grommet is recommended, but if there is no existing workable hole, drill a 15/32" hole through the firewall. Always inspect the opposite side of the firewall to avoid drilling into any components of the towed vehicle. In some cases, it is easier to drill a hole from inside of the passenger compartment.



Step 2

Poke a new hole in or widen the in-use hole of the existing rubber grommet with a Phillips screwdriver.

If a new hole was drilled in the firewall, skip this step.



Step 3

Feed the pull wire through the rubber grommet or newly drilled hole from the inside of the towed vehicle. On the inside of the engine compartment, find the end of the pull wire that was just fed through, and pull it so it is easily accessible.

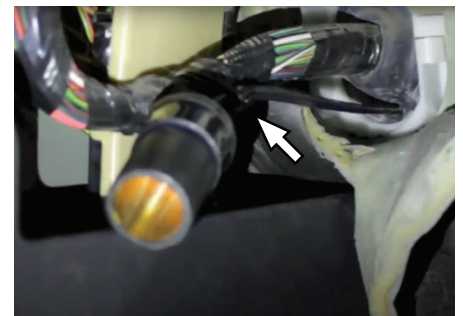


Step 4

Attach the #16 gauge duplex wire to the pull wire, and secure with electrical tape.

Gently pull the pull wire and #16 gauge duplex wire through the firewall into the engine compartment 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.

Secure the 12 Volt receptacle under the dashboard using included wire ties.



Step 5

If a new hole was drilled in the firewall, split the included rubber grommet and place it over the #16 duplex wire and work it into the hole of the firewall.

If using an existing hole and grommet, skip this step.

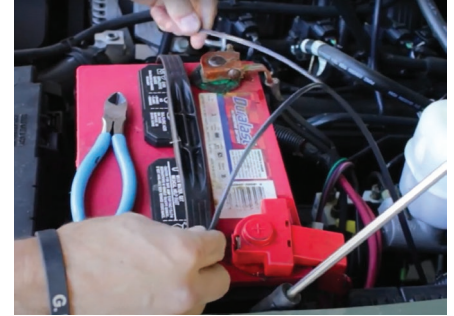
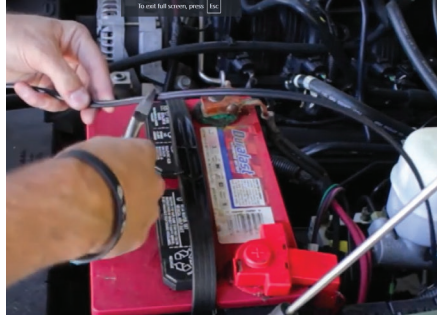
NOTICE

Failure to properly install the rubber grommet may result in harmful fumes entering the passenger compartment.

Step 6

From inside the engine compartment, route the #16 duplex wire to the battery of the towed vehicle securing the wire with the wire ties along the way. Make sure to keep the wire away from any moving or hot parts of the engine.

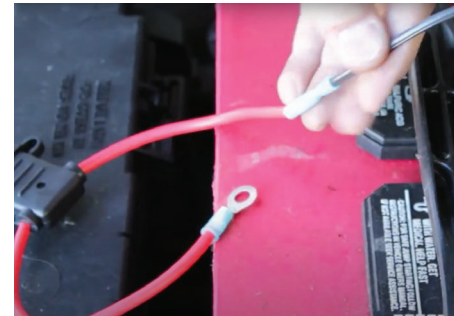
Cut the #16 duplex wire to length, and split the wires apart so that there is at least 6" of each wire to attach to the (red) positive and (black) negative posts of the battery.



Step 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 securely.

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 securely.



Step 8

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.

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.

Secure the #16 duplex wire with remaining wire ties



TOWING BASICS & SAFETY INFORMATION

For information on safely towing your trailer, visit curtmfg.com/understanding-towing.