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Rough Country 70959 Installation Instructions

MLC-6 Multiple Light Controller for Jeep Wrangler (2007-2017)

Part number: 70959

trailfortress.com/rough-country-mlc6-multiple-light-controller-70959

Scan for fitment, price and install help

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ROUGH COUNTRY
SUSPENSION SYSTEMS®

2007-17 Jeep JK 6 Switch Panel

Thank you for choosing Rough Country for all your lighting needs.

NOTICE Please read instructions before beginning installation. Check the kit hardware against the kit contents shown below. Be sure you have all needed parts and know where they go.
If question exist, please call us @1-800-222-7023. We will be happy to answer any questions concerning the design, function, and correct use of our products.

Tools Needed:

8mm Socket
Ratchet
Phillips Screwdriver
T20 Torx
T25 Torx

07-08 Models also need:

15/64" Drill
Drill Motor
Rivet Gun

Kit Contents

Switch Pod Mounting Brackets x2
07-08 Bracket x1
09-17 Bracket x1
Switch Pod w/ Wiring Harness x1
Relay Pod w/ Power & Ground Wires x1



By purchasing any item sold by Rough Country, LLC, the buyer expressly warrants that he/she is in compliance with all applicable, State, and Local laws and regulations regarding the purchase, ownership, and use of the item. It shall be the buyers responsibility to comply with all Federal, State and Local laws governing the sales of any items listed, illustrated or sold. The buyer expressly agrees to indemnify and hold harmless Rough Country, LLC for all claims resulting directly or indirectly from the purchase, ownership, or use of the items.

1. Park the vehicle on a smooth level surface.
2. Remove the top for easier install.
3. Using a T20, remove the driver side sun visor. Save hardware for reuse. **See Photo 1.**
4. Using a Phillips head screwdriver, remove the plastic screw from the driver side A-pillar then remove the panel. **See Photo 2.**



Remove driver visor.

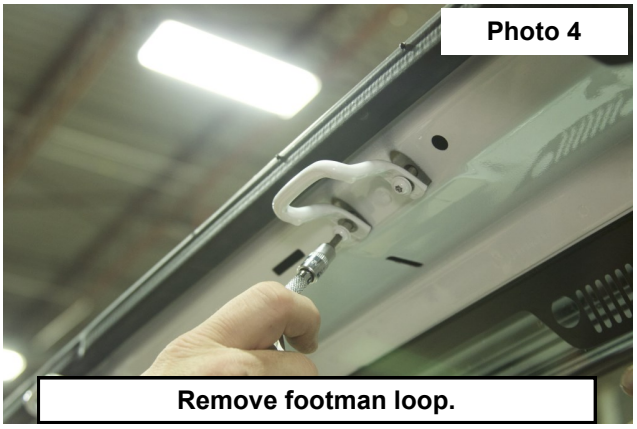


Remove upper A-pillar panel.

5. Pull the windshield header panel down until all clips are released. **See Photo 3.**
6. Using a T25, remove the footman loop. Save hardware for reuse. **07-08 models will drill out rivets with a 15/64" drill. See Photo 4.**

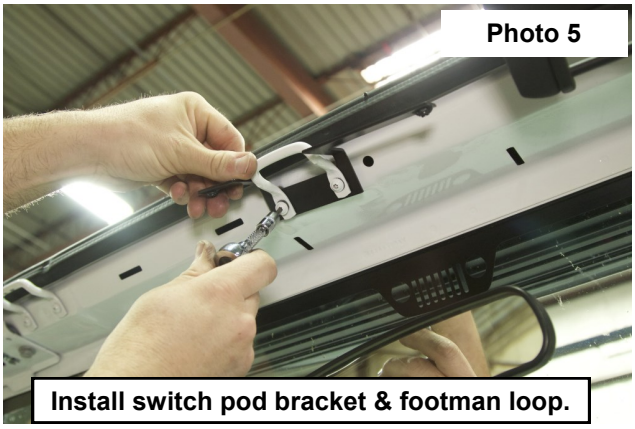


Remove windshield header panel.



Remove footman loop.

7. Install the switch pod bracket and footman loop using the stock hardware and a T25. **07-08 models will install the bracket that was not attached to the switch panel, using the supplied rivets. See Photo 5.**
8. Mark the windshield header for trimming. Use the switch pod bracket for a guide on how much to trim. **See Photo 6.**

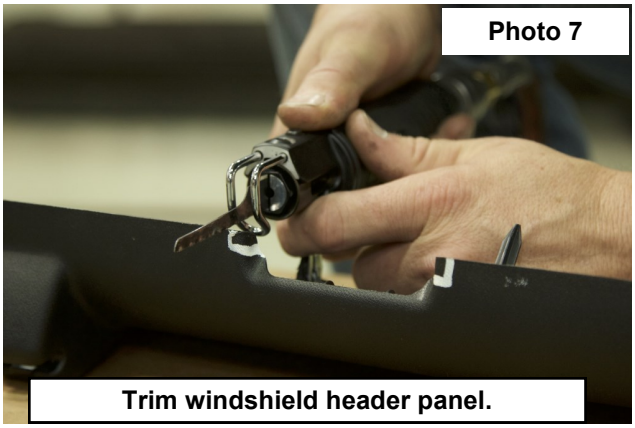


Install switch pod bracket & footman loop.



Mark windshield header panel.

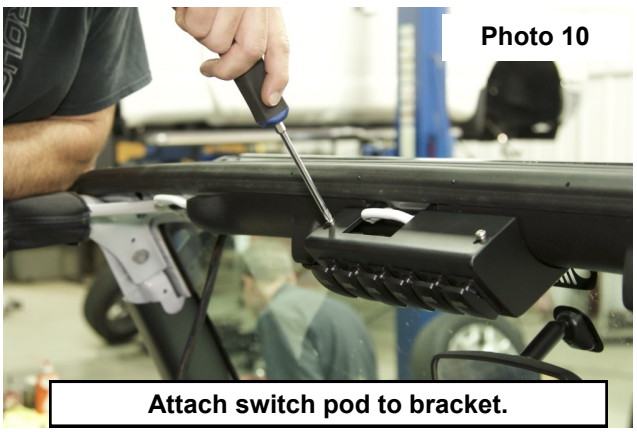
9. Trim the windshield header panel. Sand or file the edges smooth. **See Photo 7.**
10. Tuck the switch pod wiring in behind the windshield header towards the driver side of the Jeep. **See Photo 8.**





11. Install the windshield header panel making sure all clips are secure. **See Photo 9.**
12. Attach the switch pod to the bracket using the supplied Phillips head screws. Use a Phillips screwdriver to tighten. **See Photo 10.**





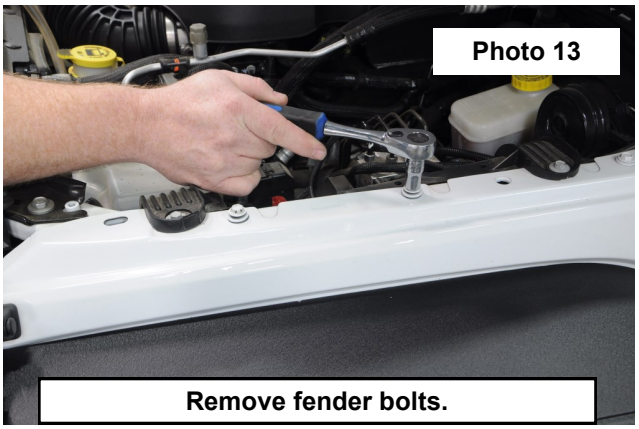
13. Tuck the wiring behind the A-pillar trim panel. **See Photo 11.**
13. Remove the driver side dash bezel. Find a good area to route the wire through the firewall, such as a rubber grommet or the foam around the brake booster. Run the wire through the firewall and into the engine compartment. **See Photo 12.**

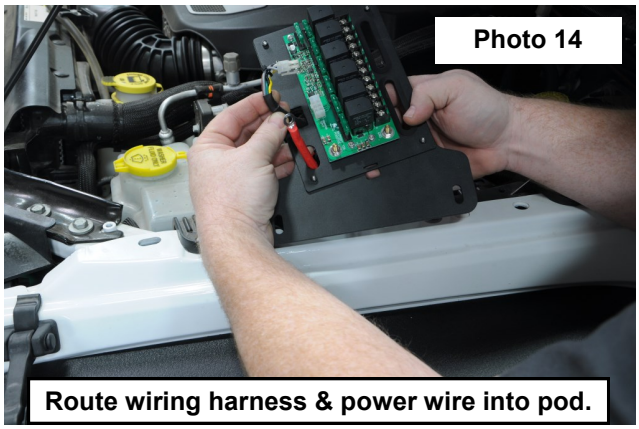




14. Reinstall the driver side A-pillar panel, using the factory plastic screw.
15. Reinstall the driver dash bezel.

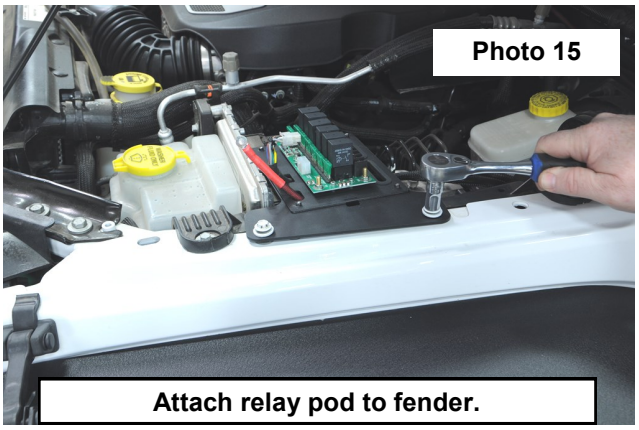
17. Using a 10mm socket, remove the two bolts on the driver side fender. **See Photo 13.**
18. Run the power wire and wiring harness through the holes in the relay pod. **See Photo 14.**

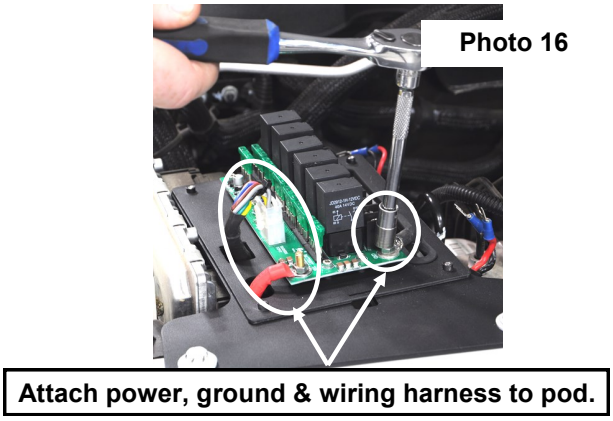




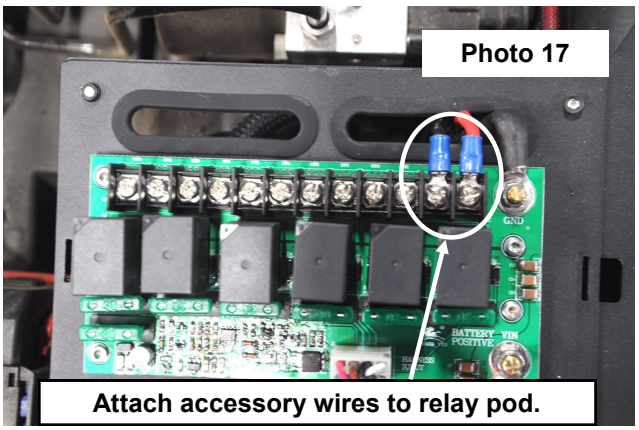
19. Using a 10mm socket, attach the relay pod to the fender. **See Photo 15.**
20. Run the power and ground wires over to the battery making sure they are clear of any moving parts. **Do Not Connect.**
21. Attach the power wire and the ground wire using a 8mm to the relay pod. Plug in the wiring harness. **See Photo 16.**

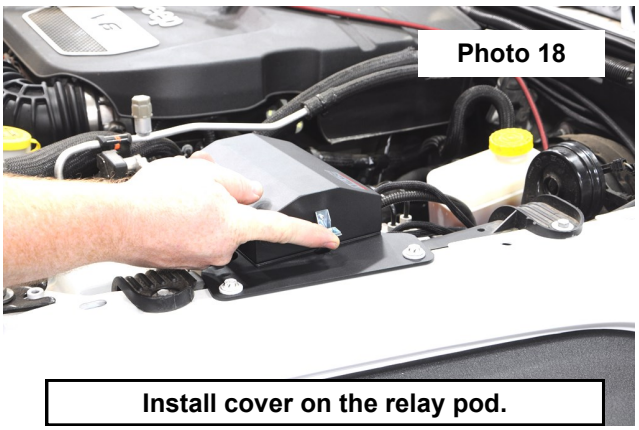
Torque to **21in-lbs**. **DO NOT OVER TIGHTEN!**





22. Attach your accessory wiring to the relay harness. Ground to the GND terminal and power to the SW1-6 terminal. Tighten with a Phillips head screwdriver. **See Photo 17.**





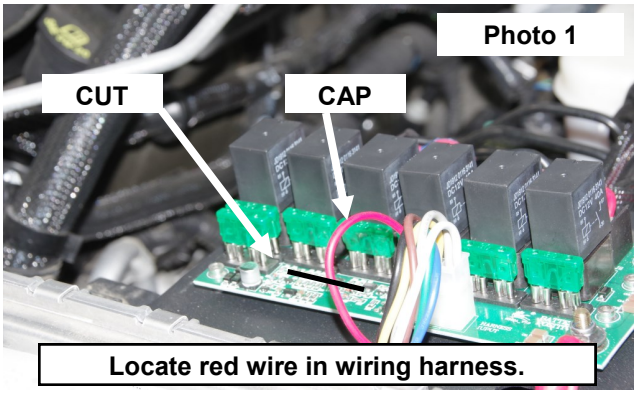
23. Place the cover on the relay pod. **See Photo 18.**
24. Attach the positive and ground wires to the battery.

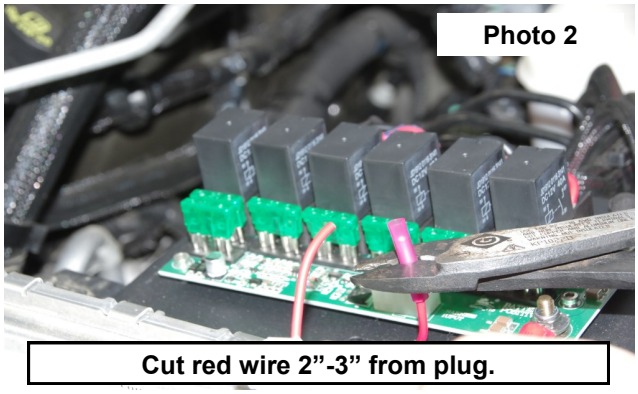
NOTICE **AFTER INSTALLATION, YOU MUST START THE ENGINE TO ACTIVATE THE SYSTEM!**

⚠ NOTICE **These instructions are in addition to the complete instructions included with the Rough Country MLC-6 controller. Normally the switch bank is illuminated at all times including when the vehicle is turned off. If desired, these instructions are used to wire the MLC-6 directly to switched power source in the fuse panel, which will illuminate the switch panel only when the vehicle is "ON" or in "ACC" mode. A fuse tap is needed to complete this modification and included with this kit.**

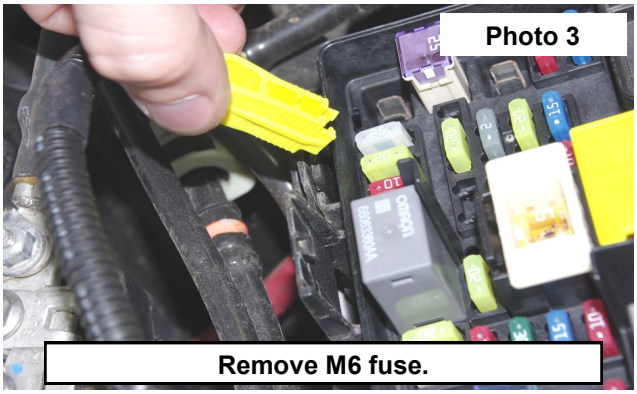
Direct Power Source Wiring Instructions

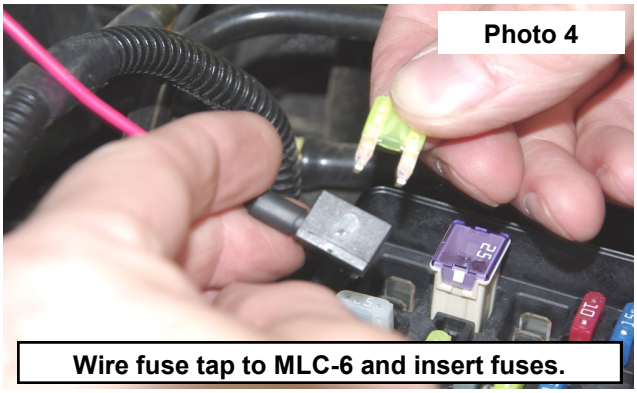
1. Make sure key is out of the ignition and the battery is disconnected.
2. Locate the red wire in the MLC-6 wiring harness. **See Photo 1.**
3. Cut the red wire leaving 2-3 inches of wire at the plug end. **See Photo 2.**





4. Using a fuse removal tool, remove the fuse marked **M6 (ACC power switching)** from the fuse panel on the pass fender. **See Photo 3.**
5. Run a 14AWG wire or larger around behind the engine and connect to the cut red wire coming from the harness. Make sure you cap off the cut wire coming from the MLC-6 fuse panel plug that was cut in Step 3. **See Photo 4.**





6. Install the fuse into the fuse tap. Note: fuse tap listed below requires 2 fuses. **See Photo 5.**
7. Reconnect battery, when you turn key to ON or Acc the lighted switches should power on.

