Rough Country 10539 Installation Instructions

10539

Part number: 10539

trailfortress.com/rough-country-fender-delete-kit-10539

Scan for fitment, price and install help

ROUGH COUNTRY SUSPENSION SYSTEMS®

921105390

JEEP 2018 JL Fender Flare Delete

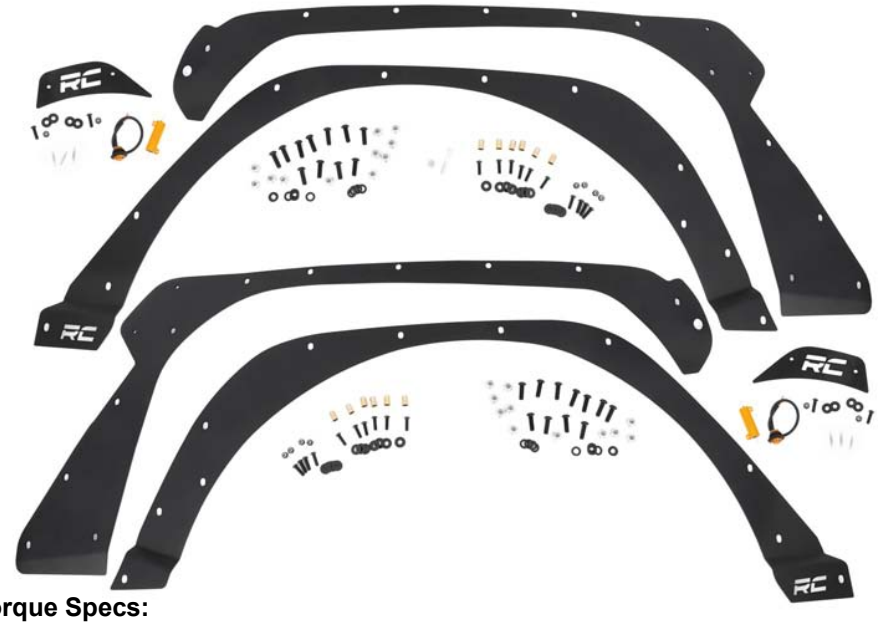
Thank you for choosing Rough Country for all your vehicle needs.

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 this product.
Check all fasteners for proper torque. Check to ensure for adequate clearance between all components.
Periodically check all hardware for tightness.

KIT CONTENTS:
1-Drivers Side Front Fender Delete
1-Passengers Side Front Fender Delete
1-Drivers Side Rear Fender Delete
1-Passengers Side Rear Fender Delete
2-3/4" Blink/Park Light
2-Light Gromet
2-Blinker Light Resistor
2-RC Logo Plates

HARDWARE INCLUDED:
1-6mm-1.0 x 40mm Hex Head Bolt
1-5/16-18 Hex Nut
12-6mm Nut Inserts
24-6mm-1.0 x 20mm Button Head Bolts
12-6mm-1.0 Nylock Nut
36-6mm Flat Washer
22-8mm-1.25 x 25mm Button Head Bolt
22-8mm Flat Washer
22-8mm-1.25 Nylock Flange Nut
4-Wire Ties
6-24-22 Ga. Butt Connectors

TOOLS NEEDED:
4mm Allen
5mm Allen
8mm Socket
10mm Socket
13mm Wrench
Auto Trim Puller
Long Nose Plyers
Wire Cutters
Butt Connector Crimpers
Cut Off Wheel
Floor Jack
Jack Stands
"W" or a 25/64 Drill Bit
3/8 Drill Bit
Drill Motor
Wheel Chocks
Wire Solder
Heat Shrink or Weather Proof Tape
1 Foot 24-22 Ga. wire

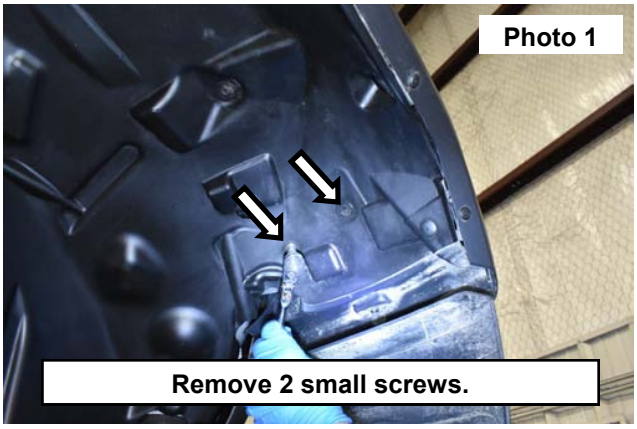


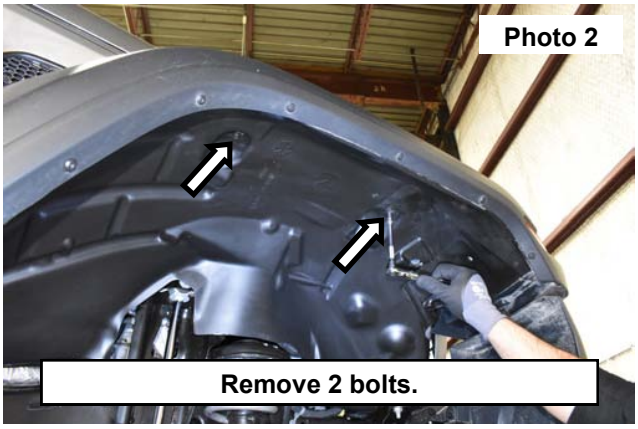
Torque Specs:

Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16"	15 ft/lbs	20ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8"	30 ft/lbs	35ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16"	45 ft/lbs	60ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2"	65 ft/lbs	90ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16"	95 ft/lbs	130ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8"	135ft/lbs	175ft/lbs	16MM	130ft/lbs	165ft/lbs
3/4"	185ft/lbs	280ft/lbs	18MM	170ft/lbs	240ft/lbs

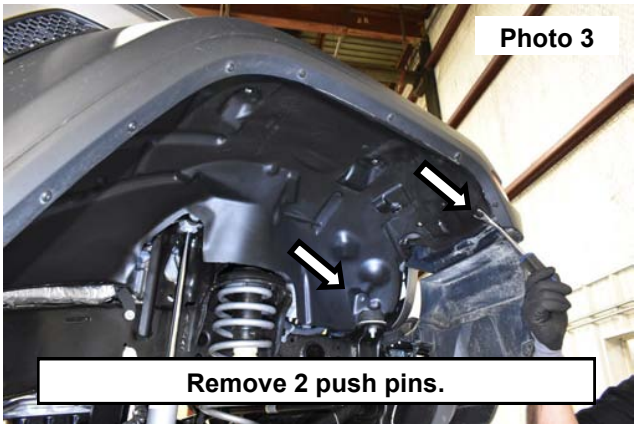
INSTALLATION INSTRUCTONS

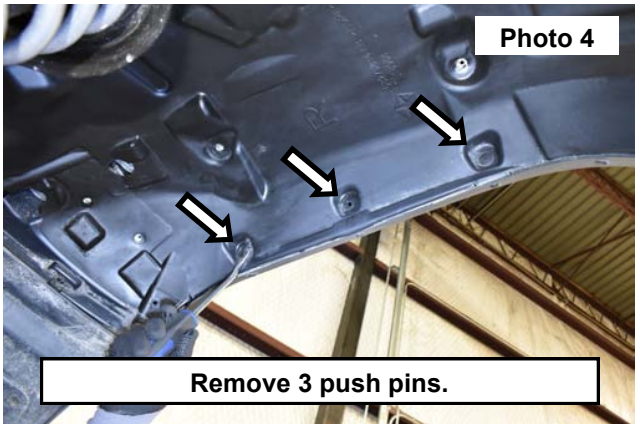
1. Park the vehicle on a level surface and chock the rear wheels.
2. Jack up the front of the vehicle. Place jack stands under the frame rails and lower onto jack stands letting the front suspension hang.
3. Remove the tires and wheels.
4. Remove the 2 small screws from the front of the fender liner, using a 8mm socket. **See Photo 1.**
5. Remove the 2 bolts from the top of the fender liner, using a 10mm socket. **See Photo 2.**



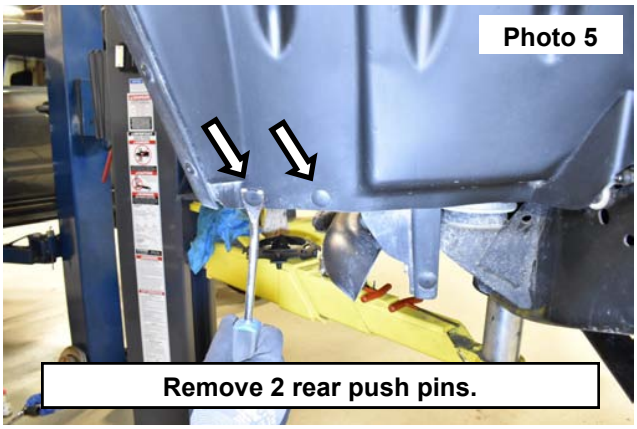


6. Remove the 2 push pins in the front and 3 push pins in the top center of the fender liner, use a auto trim puller. **See Photo 3 and 4.**



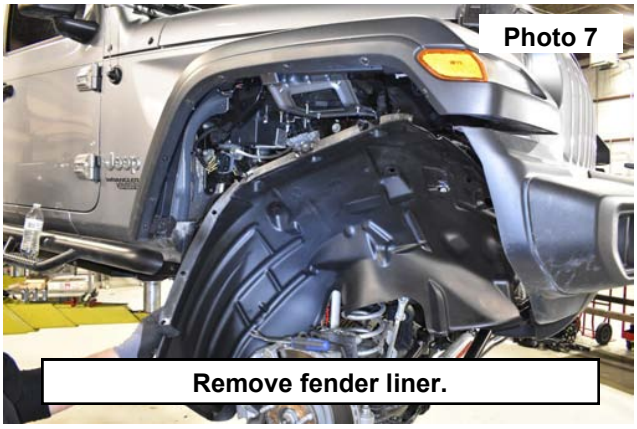


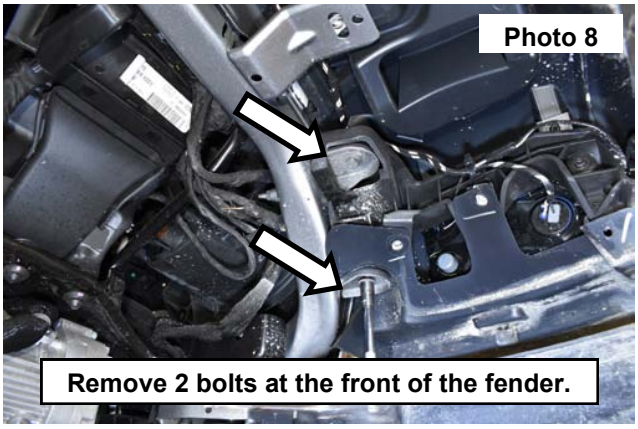
7. Remove the rear 2 push pins in the rear lower fender liner, use a auto trim puller. **See Photo 5.**
8. Release the fender liner from the 3 plastic rivets on the edge of the fender, use an auto trim puller to help release. **See Photo 6.** Leave the 3 rivets in the fender.





9. Remove the fender liner, set aside this will not be reused. **See Photo 7.**
10. Located at the front of the fender remove the 2 bolts, using a 10mm socket. **See Photo 8.**



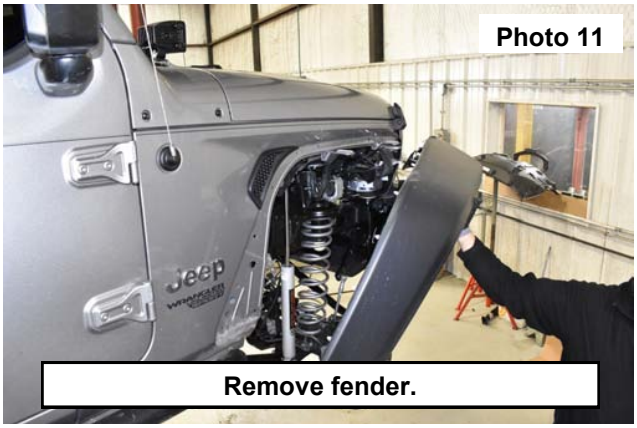


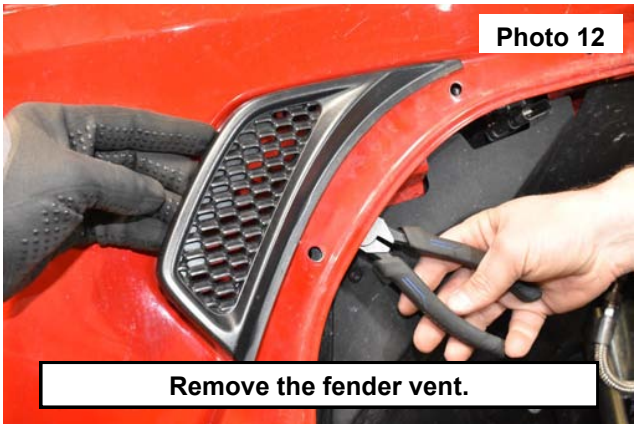
11. Pull the red locking tab back, push the clip and disconnect the light wiring harness from the jeep. **See Photo 9.**
12. Release the 11 clips from the back side of the fender, use long nose plyers. **See Photo 10.**



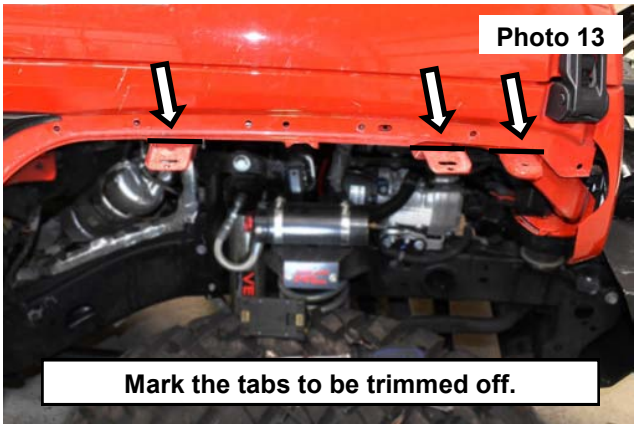


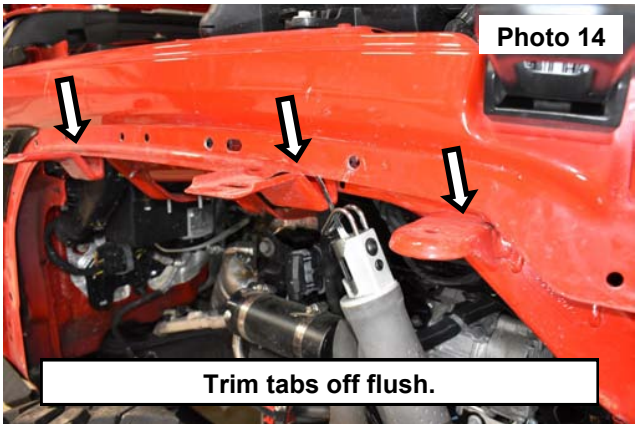
13. Once all of the clips are released from the back side, remove fender. **See Photo 11.**
14. Remove the vent by releasing the 3 clips on the back side of the fender, use long nose plyers. **See Photo 12.**



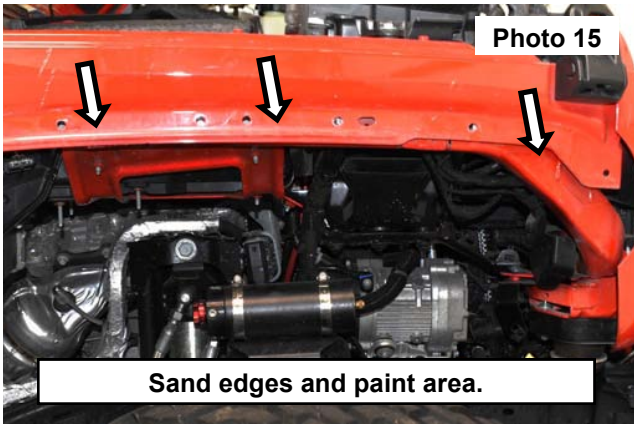


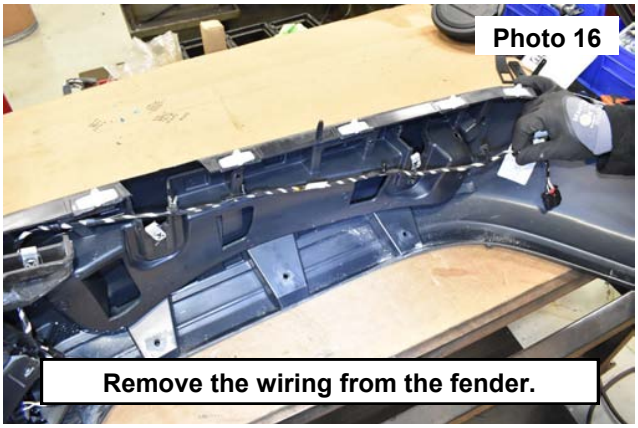
15. The 3 fender mounting tabs will be trimmed off flush to the inner structure of the vehicle. **See Photo 13.**
16. Using a body saw trim the 3 fender mounting tabs off. **See Photo 14.**



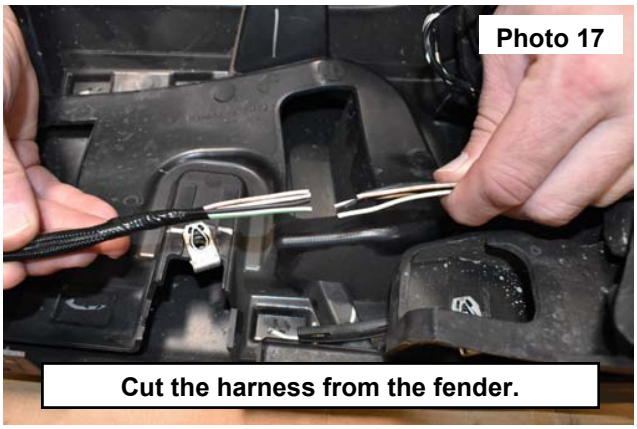


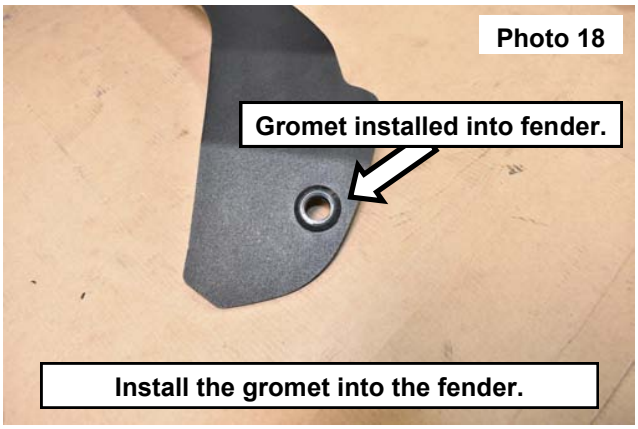
17. Clean the surface were the fender flair delete will be installed, sand all sharp edges, and repaint to prevent rust. **See Photo 15.**
18. Remove the wiring from the OE fender. **See Photo 16.**



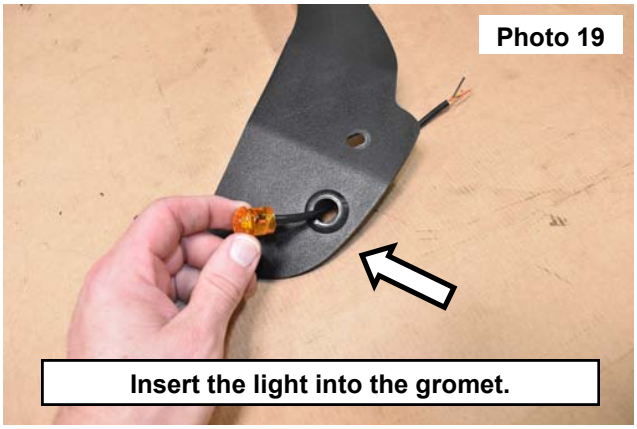


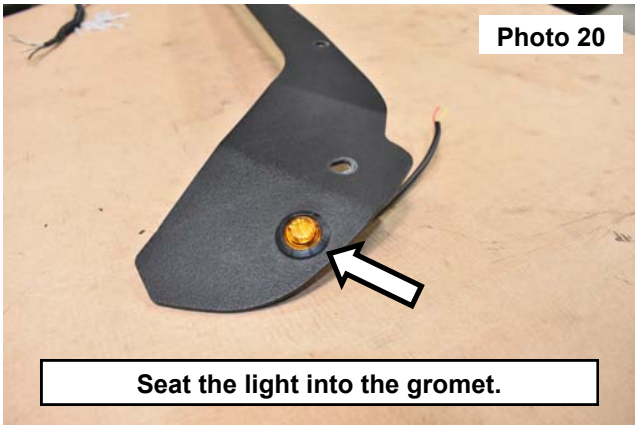
19. Cut the wiring harness as close to the front of the fender as possible to allow enough wire from the plug to the new side marker light. Remove harness from the fender. **See Photo 17.**
20. Install the rubber gromet into the front side of the fender delete. **See Photo 18.**



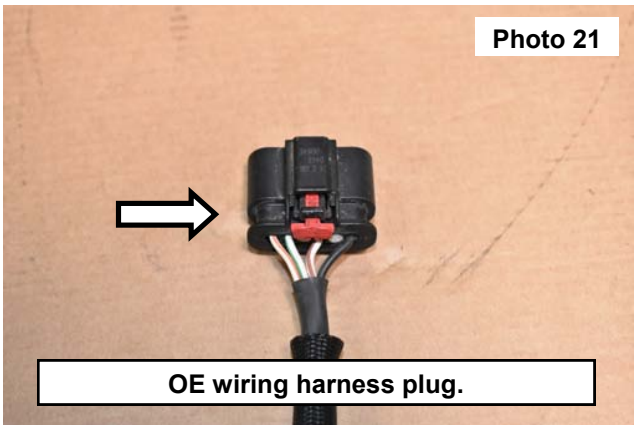


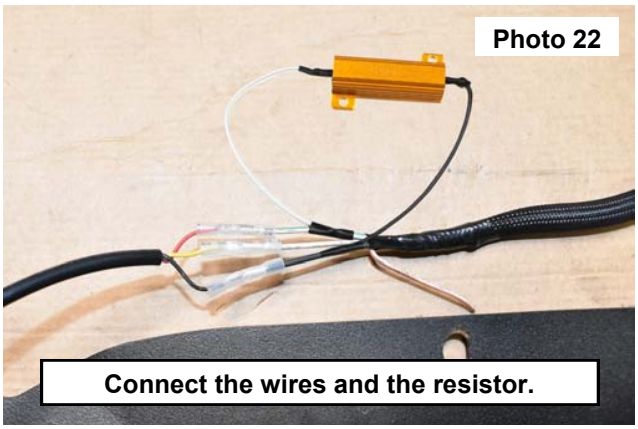
21. Insert the LED light wiring into the gromet from the front of the fender delete. **See Photo 19.**
22. Seat the LED light into the gromet. **NOTICE Confirm that the light is installed correctly into the front of the fender delete before any wiring is preformed. See Photo 20.**





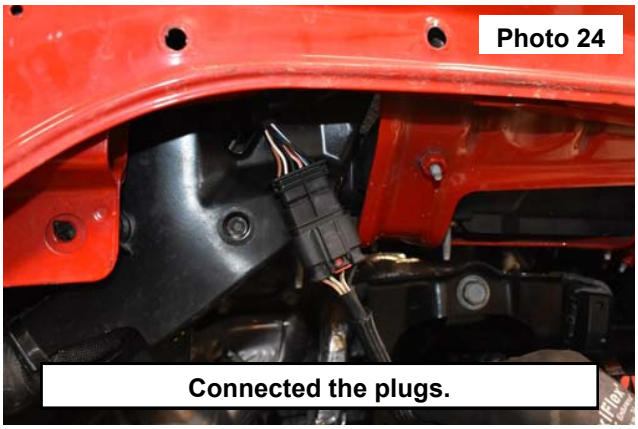
23. Identifying the OE plug with the locking feature to be on top. Locate the wires to be connected Into the new light. **See Photo 21.**
24. Identify the wires from the left to right the **1st wire white with orange stripe will not be used**.
25. Use the supplied 24-22 Ga. butt connectors follow steps 26-28 to connect the wires and the resistor. **See Photo 22.**
26. **2nd wire** on the plug, white with a green stripe will be connected to the red wire on the new LED light. This will be the blinker wire.
27. **3rd wire** on the plug, white with a brown stripe will be connected to the yellow wire on the new LED light. This will be the parking light.
28. **4th wire** on the plug, solid black wire will be connected to the solid black wire on the LED light. This will be the ground wire.
29. Secure the wiring by using a heat source to set the heat shrink for the 3 butt connectors installed on the wiring.
30. **Wiring in the resistor**. Solder 3 inches of wire to each side of the resistor and cover with heat shrink. Solder one side of the resistor wire to the white wire with green stripe. Solder the other resistor wire to the solid black wire. Cover with heat shrink or weather proof tape.





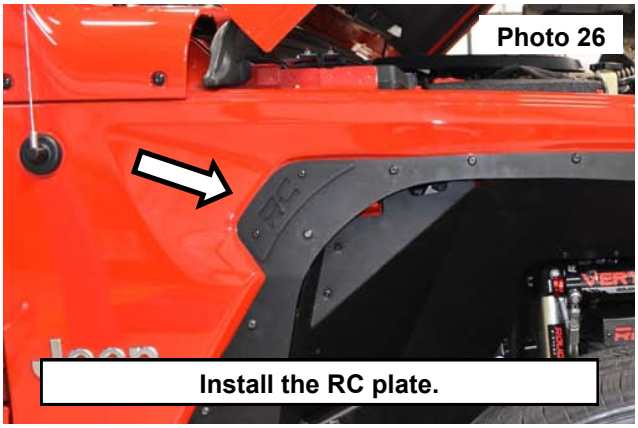
31. Cover all areas of exposed wire with weather proof tape of wire loom. **See Photo 23.**
32. Connect the plug to the harness on the vehicle and lock the center clip. **See Photo 24.**



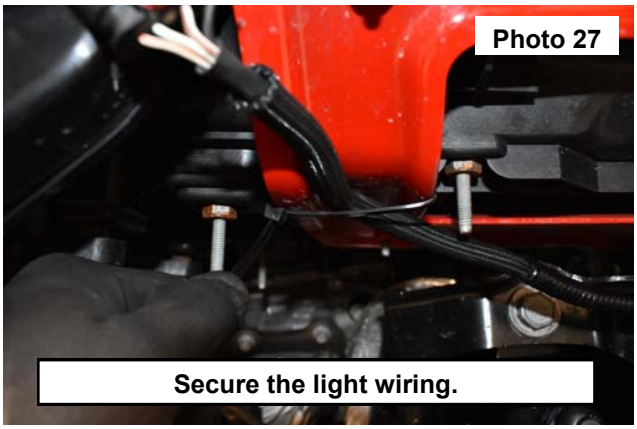


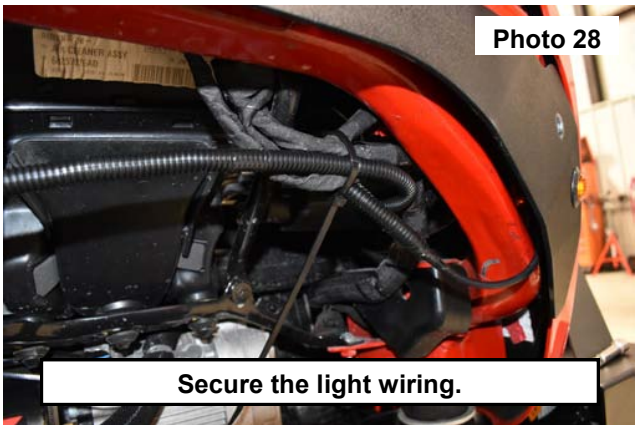
33. Install the fender flair delete onto the vehicle, secure using the supplied 8mm-1.25 x 25mm button head bolts ,8mm Flat washers and 8mm-1.25 Nylock nuts. **See Photo 25.** Tighten using a 5mm allen wrench and a 13mm wrench.
34. Install the 6mm-1.0 x 20mm button head bolts, 6mm Flat Washers and 6mm-1.0 Nylock nuts, into the (2) RC plate and the fender vent holes. **See Photo 26.**





35. Using the supplied wire ties secure the light wiring inside of the fender well. **See Photo 27 and 28.**





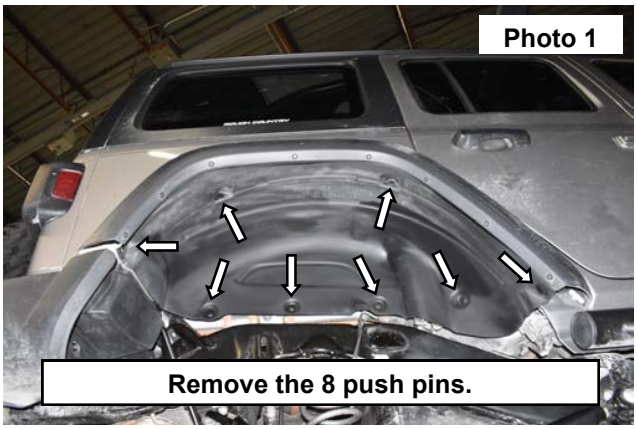
36. Use the 2 holes marked, if installing the RC inner fender kit. **See Photo 29.**

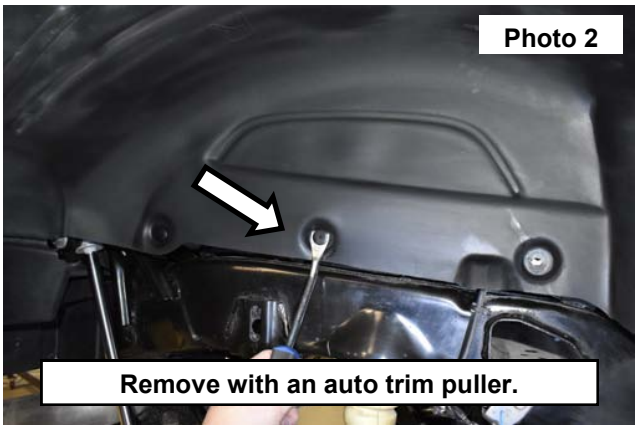


37. Install the wheels and tires.
38. Jack up the front of the vehicle, remove the jack stands and lower onto the ground.

INSTALLATION INSTRUCTONS

1. Park the vehicle on a level surface and chock the front wheels.
2. Jack up the rear of the vehicle. Place jack stands under the frame rails and lower onto jack stands letting the rear suspension hang.
3. Remove the tires and wheels.
4. Using an auto trim puller, remove the 8 push pins holding the fender liner into place. **See Photo 1 and 2.**





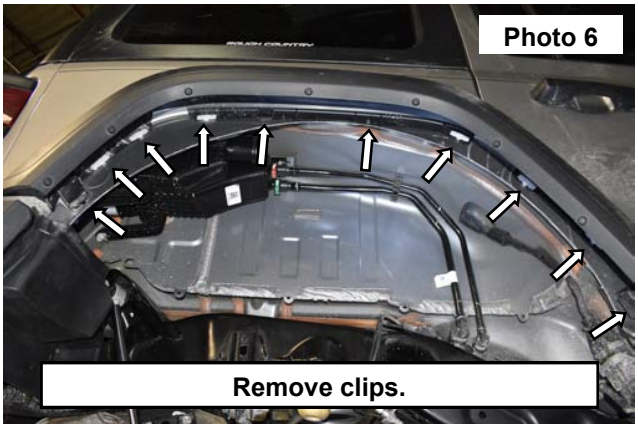
5. Using an auto trim puller, separate the fender liner from the rivets holding the liner to the out side of the fender. **See Photo 3 and 4.**





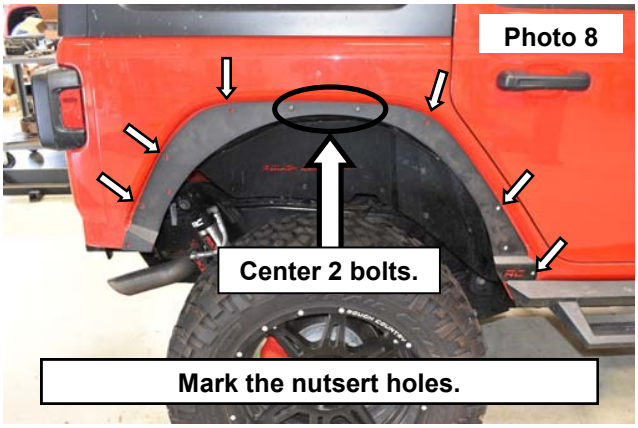
6. Remove the fender liner and set aside as this will not be reused. **See Photo 5.**
7. On the back of the fender remove the clip 10 from the body to remove the fender. **See Photo 6.**





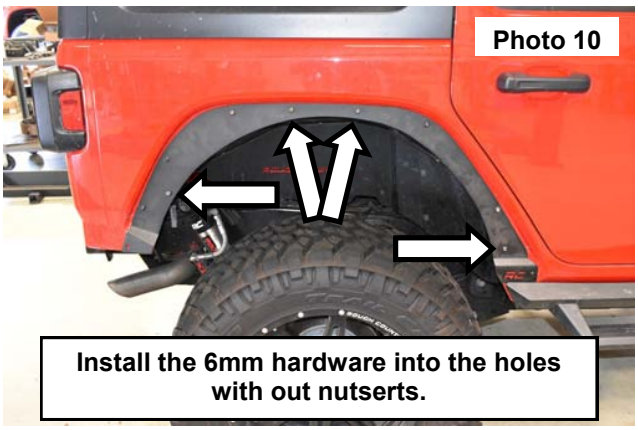
8. After the fender has been removed, clean the surface were the fender flair delete will be installed. **See Photo 7.**
9. Temporarily install the fender flair delete onto the vehicle, only mark the 6 holes that are not assessable from the back side onto the body using a permanent marker to install the nutserts into the correct hole, use (2) 6mm bolts in the top 2 center holes to help hold the fender flair delete in place. **See Photo 8.** Once the holes are marked remove the fender flair delete from the body of the vehicle.



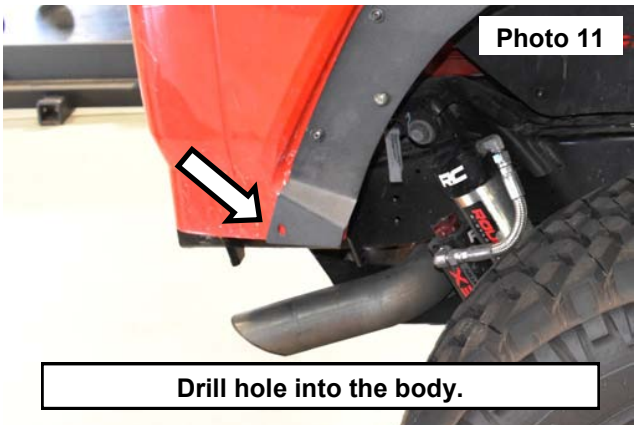


10. Using a “W” or 25/64” drill bit, drill out the holes marked onto the vehicle. Use the supplied 6mm-1.0 x 40mm hex head bolt 5/16 nut and 1/4” washers to install the nutserts into the drilled holes in the body. **See Photo 9.**
11. Install the fender flair delete onto the vehicle, using the supplied 6mm-1.0 x 20mm button head bolts and 6mm washers into the nutserts. Install the supplied 6mm-1.0 x 20mm button head bolts and 6mm washers and the 6mm-1.0 nylock nut. Into the 3 holes accessible from the back side. **See Photo 10.** Tighten using a 4mm allen wrench.





12. Using the fender flair delete as a template, drill a hole into the body using a 3/8 drill or the 3/8 portion of a step drill bit , install the supplied 6mm-1.0 x 20mm button head bolts and 6mm washers and the 6mm-1.0 nylock nut. **See Photo 11.**
13. Use the hole marked, if installing the RC inner fender kit. **See Photo 12.**





14. Install the wheels and tires.
15. Jack up the front of the vehicle, remove the jack stands and lower onto the ground.

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