



22 - Up Chevy 1500 Exo Bumper

Thank you for choosing Rough Country for all of your suspension needs.

Rough Country recommends that a certified technician install this system. In addition to these instructions, professional knowledge of disassemble/reassembly procedures as well as post installation checks must be known. Attempts to install this system without this knowledge and expertise may jeopardize the integrity and/or operating safety of the vehicle. Please read all the instructions before beginning the installation. Check the kit hardware against the "Kit Contents" list below. 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. Check and retighten wheels at 50 miles and again at 500 miles. Periodically check all hardware for tightness. Be sure you have all the needed parts and understand where they go. Also, please review the "Tools Needed" list to be certain you have the necessary tools to complete the installation.

NOTICE TO DEALER AND VEHICLE OWNER

⚠ WARNING Any vehicle equipped with any Rough country product must have the "Warning to Driver" decal installed on the sun visor or dash. The decal is to act as a constant reminder for whoever is operating the vehicle of its unique handling characteristics. INSTALLING DEALER—It is your responsibility to install the warning decal and to forward these installation instructions on too the vehicle owner for review and to be kept in the vehicle for its service life.



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TOOLS NEEDED:

Jack
Wheel Chocks
1/2" Drill Bit
Drill Motor
Pry Tool

Metric Wrench/Socket

19mm
18mm
15mm
12mm
10mm
8mm

SAE Wrench/Socket

9/16"
1/2"

KIT CONTENTS:

Exo Bumper
Stinger
20" Light Bar
2" Cube Light
D-Ring
Driver mount
Pass Mount

HARDWARE INCLUDED:

12mm x 120mm Bolt (2)
12mm x 35mm Bolt (2)
Thick Washer (2)
1/2" x 1.25" Bolt (4)
12mm / 1/2" Washer (6)
1/2" Nut (4)
7/16" x 1.25" Bolt (4)
7/16" Washer (8)
7/16" Nut (4)



Front Installation

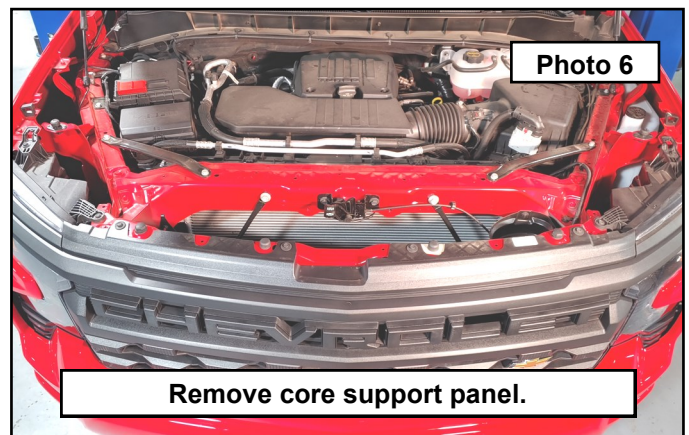
1. Park your vehicle on a clean flat surface, engage the parking brake and block the rear tires.
2. **Save all hardware removed from the vehicle unless otherwise noted.**
3. Open the hood and disconnect the negative terminal on the battery. Photo 1
4. Remove hood latch hardware. Photo 2



5. Remove the hood latch handle from vehicle. Photo 3
6. Remove upper core support cover using a pry tool to disengage the plastic retaining head of the plastic rivet assembly. Pop this part up just enough to release the lower portion locks, then remove the entire plastic rivet. Photo 4



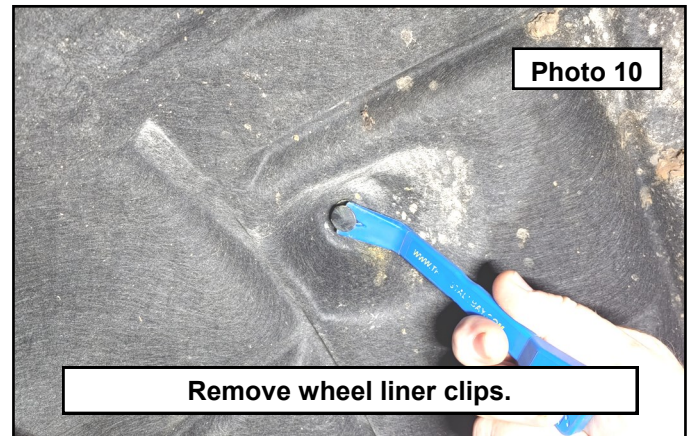
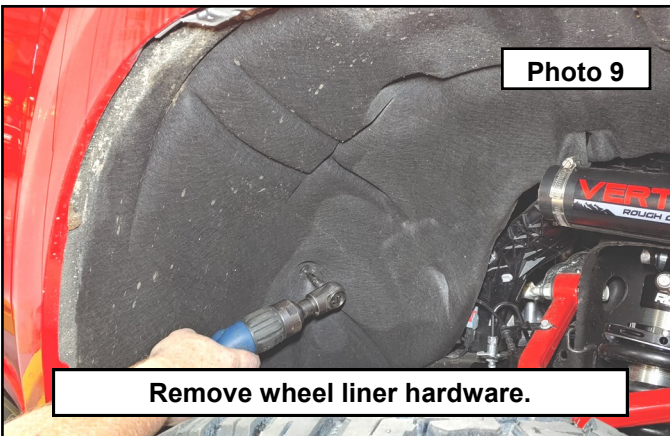
7. Remove the upper core support cover and set aside. Photo 5 / 6



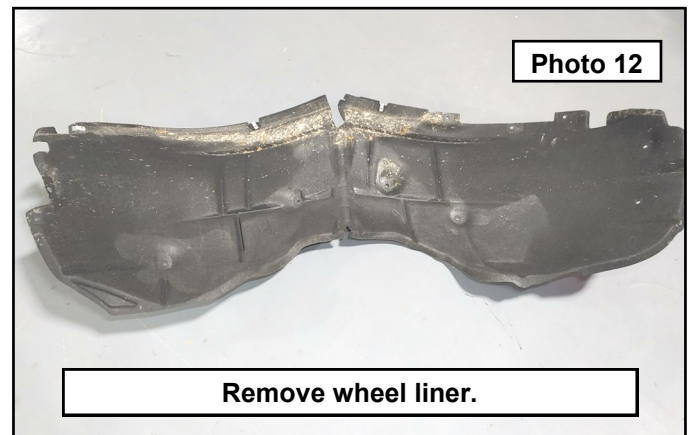
8. Locate all the inner wheel well liner hardware. You do not have to completely remove this, but it is recommended for easy access to the fascia hardware. Photo 7
9. Remove all Torx hardware. Photo 8



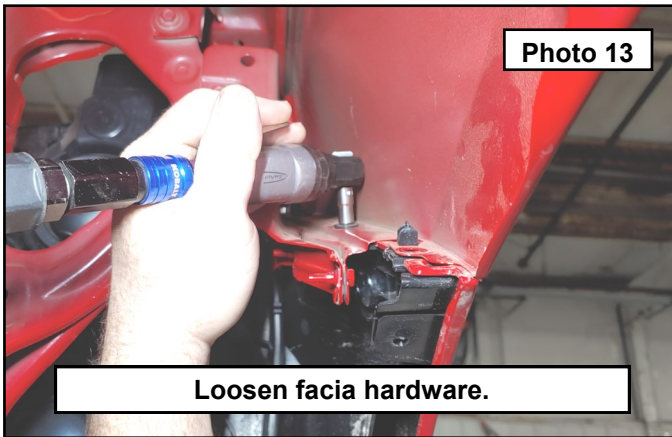
10. Remove rear hardware. Photo 9
11. Remove the plastic rivets in the same manor as the core support hardware. Photo 10



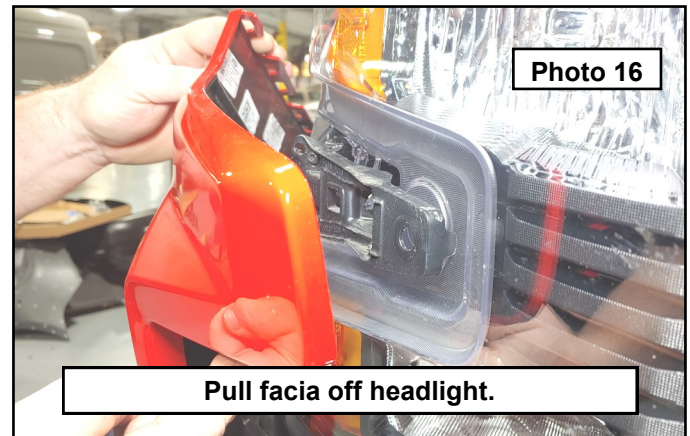
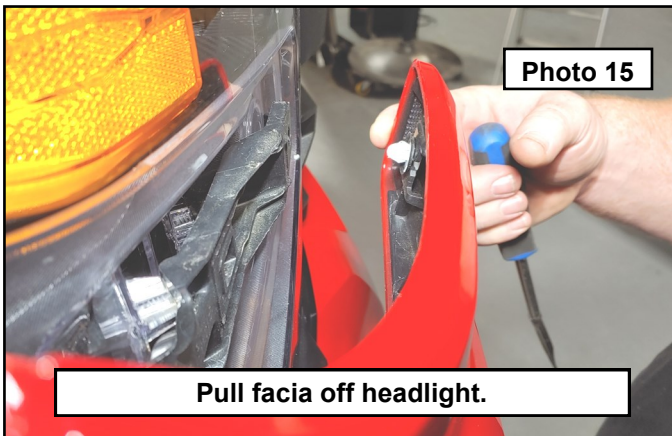
12. Remove the inner wheel liner by pushing and then pulling down away from the fender. Photo 11 / 12



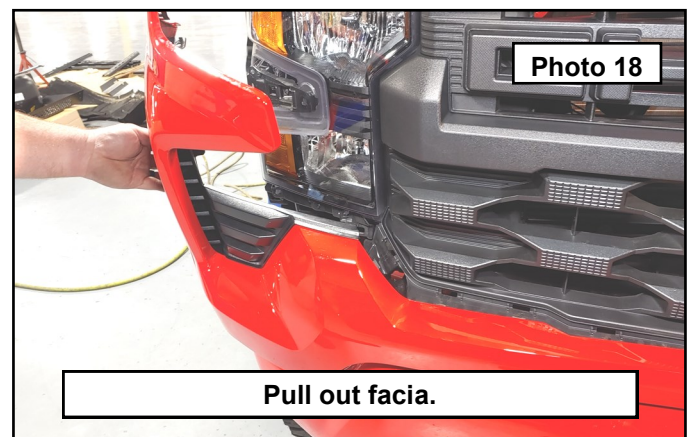
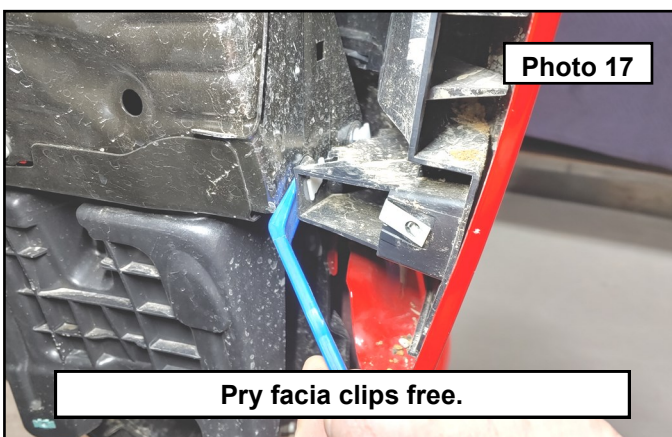
13. Loosen but do not remove the lower fascia to fender hardware. The clips holding the filler panel to the bracket are not meant to come undone once in place. With the bolts loose, the black plastic retainer will drop down so that you can peer into the crack and see the locking tabs. Pull out gently on the filler panel under the fender while navigating those clips to release from the bracket. Photo 13
14. As you pop the filler panel loose from the fender, you will then use a pry tool to pop the clips holding the filler panel to the headlights. Photo 14



15. Continue to pull out on the lower fascia while popping the clips out of their respective holes. Photo 15 / 16

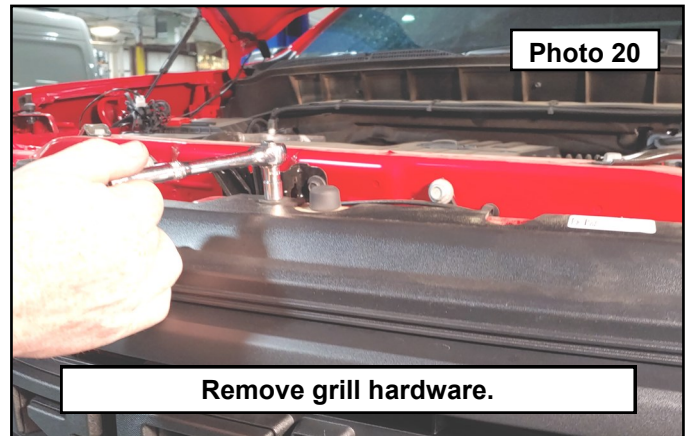
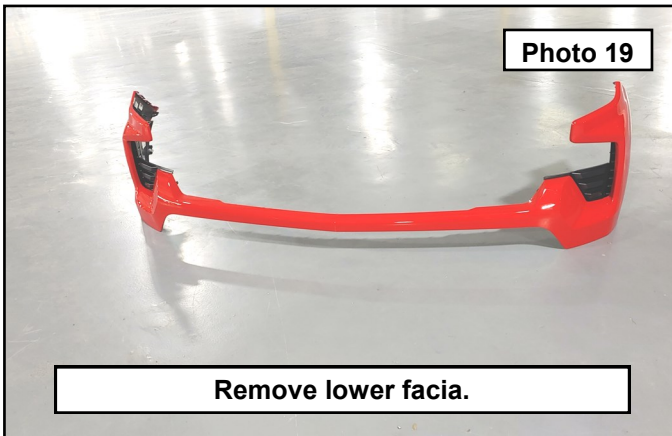


16. Use the pry too in the inner fender to pop the remaining clips loose holding the lower fascia in place. Photo 17
17. Pull out and away on the fascia working down the center of the vehicle to release the clips holding it to the grill. Photo 18



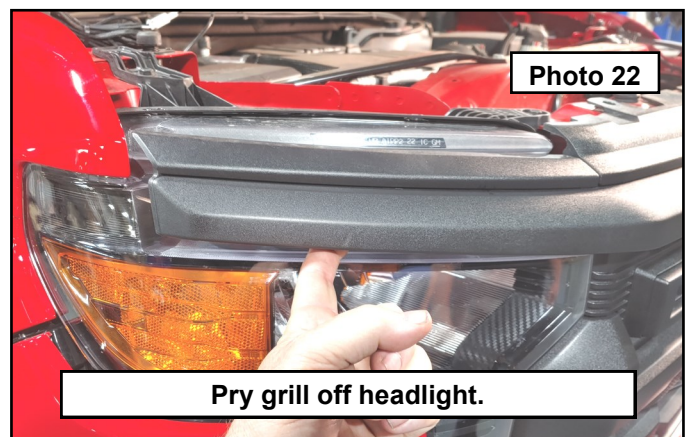
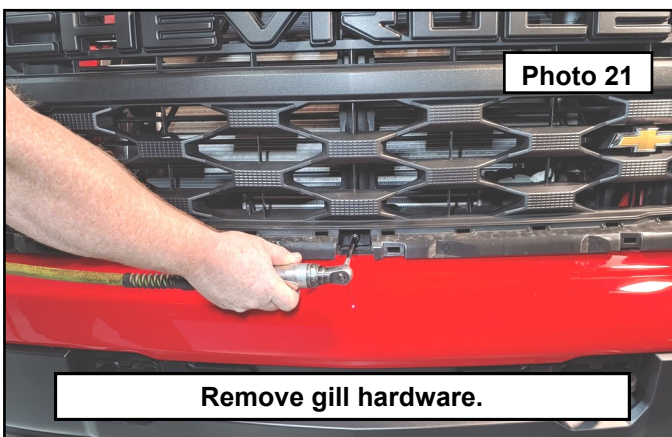
18. After removal, stand the fascia up as shown otherwise it could bend and warp. Photo 19

19. Remove the upper grill hardware using a 10mm socket. Photo 20



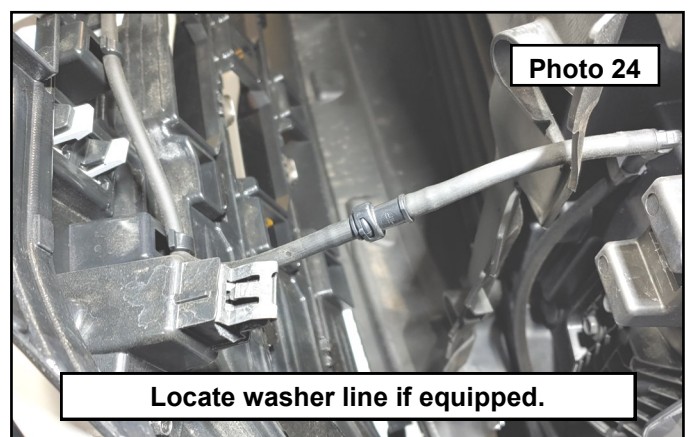
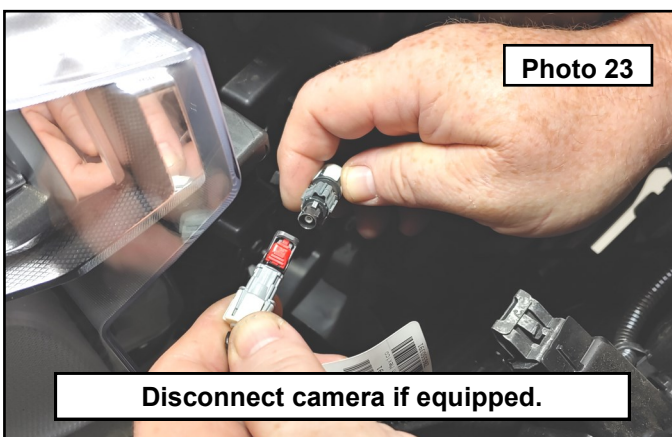
20. Remove the lower grill hardware. Photo 21

21. Pry the grill off the headlights. Photo 22

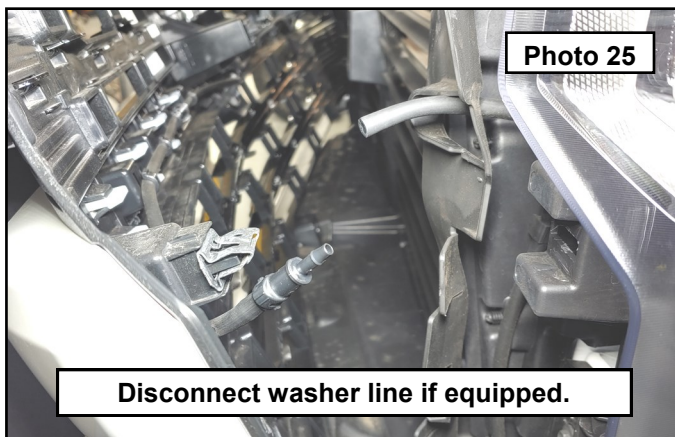


22. If equipped, disconnect the camera electrical connector on the passenger side. Photo 23

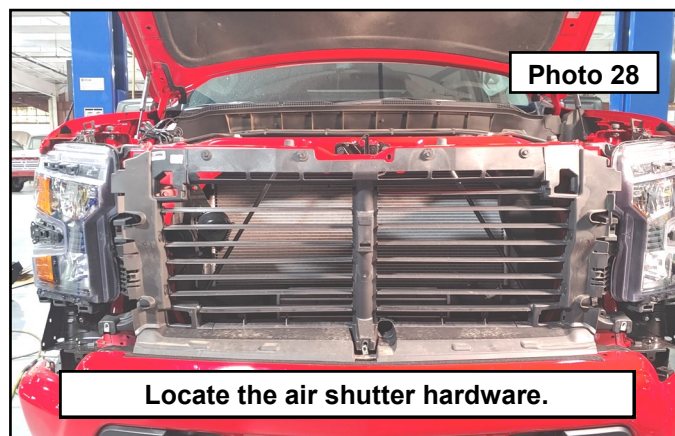
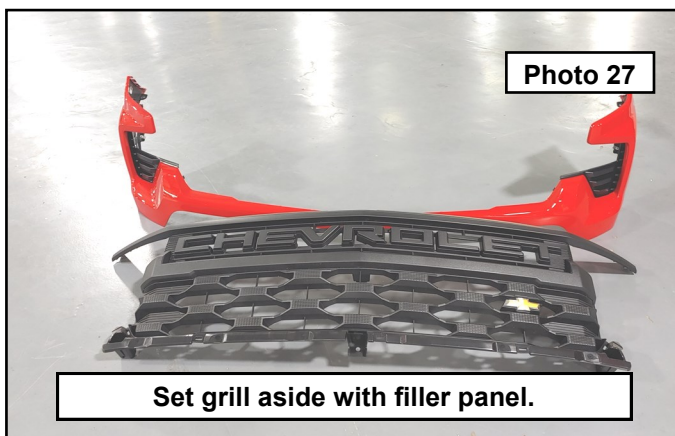
23. If equipped, locate the washer hose line on the driver side. Photo 24



24. Remove the washer line from junction. Photo 25
25. Pull the grill away from the vehicle. Photo 26



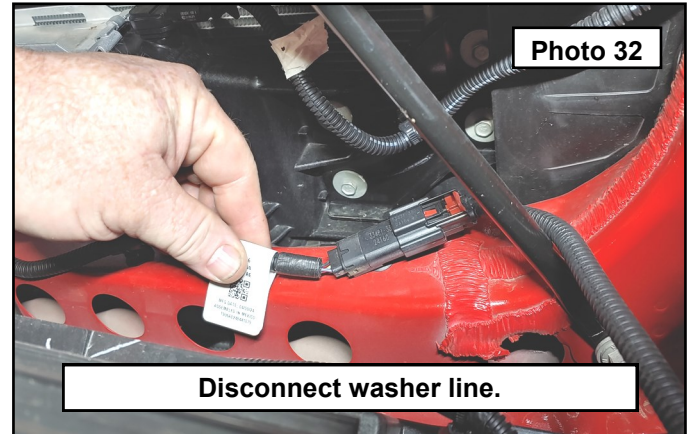
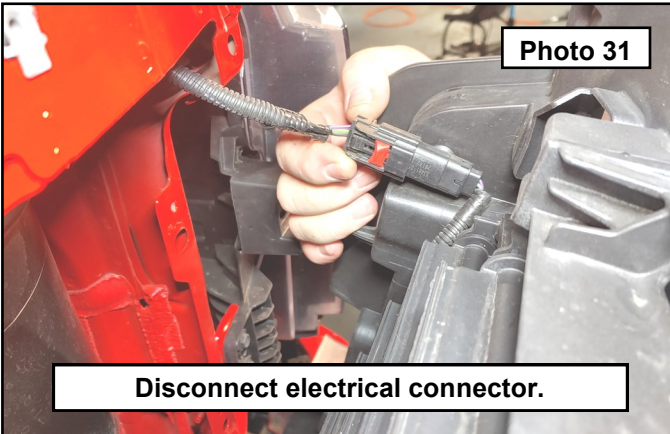
26. Set grill aside with filler panel. Photo 27
27. Locate the air shutter hardware. Photo 28



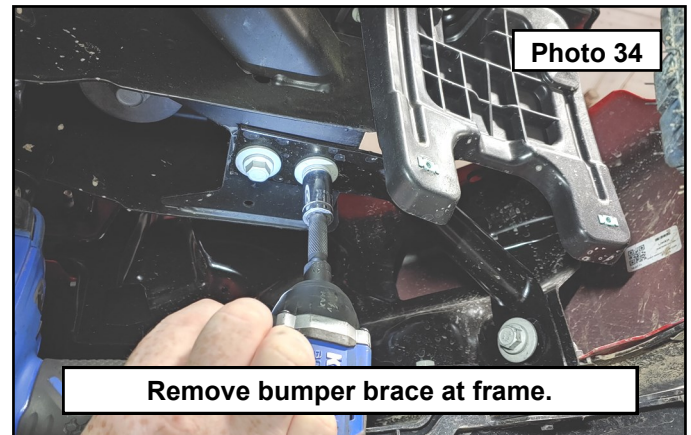
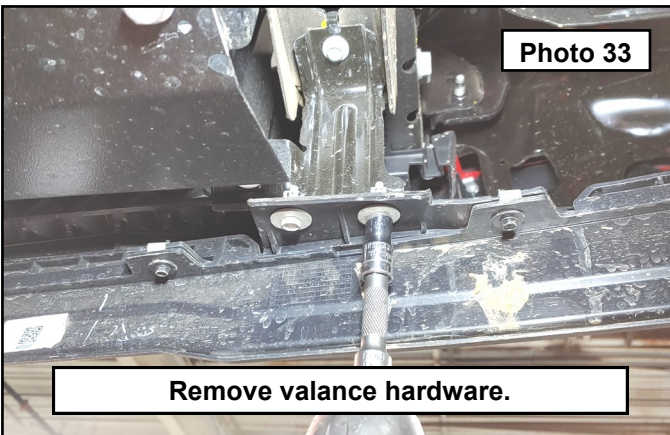
28. Remove the lower air shutter hardware using a 10mm socket. Photo 26
29. Remove the air shutter side hardware. Photo 27



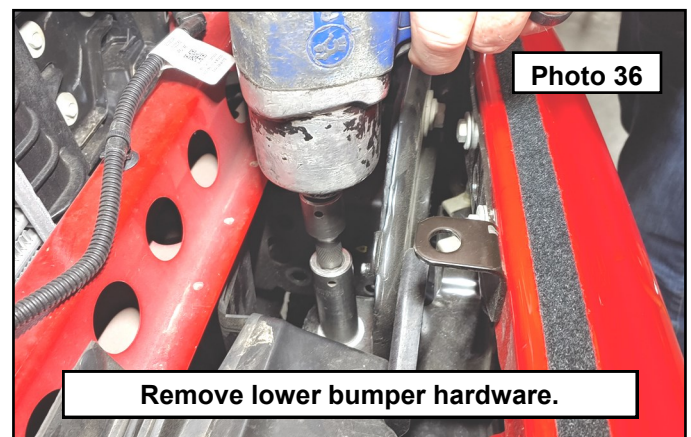
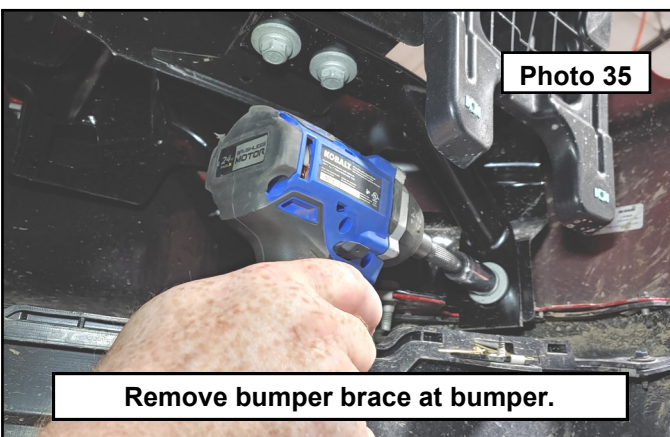
30. Tilt the air shutter out to access the electrical connector at the top and bottom of the opening. Disconnect both and set air shutter aside. Photo 31 / 32



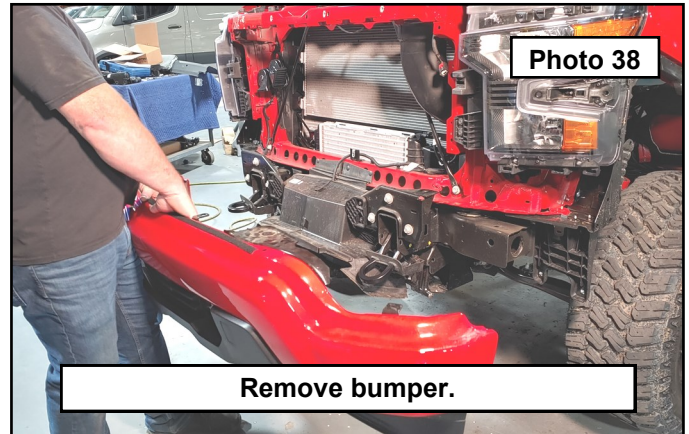
31. Under the vehicle, remove the lower valance hardware using a 10mm socket. Photo 33
32. Remove the bumper brace from both sides of the vehicle frame using a 15mm socket. Photo 34



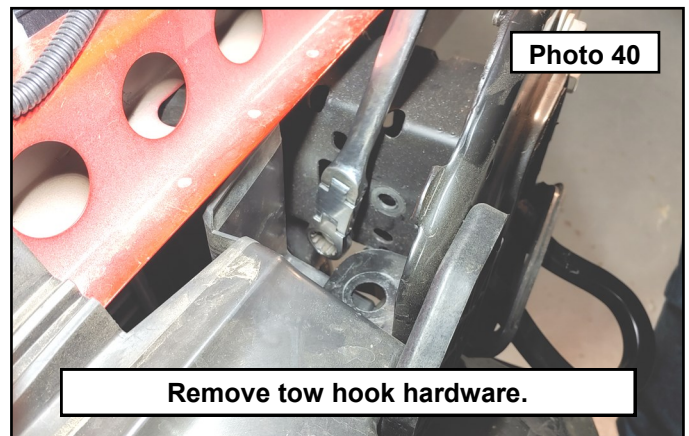
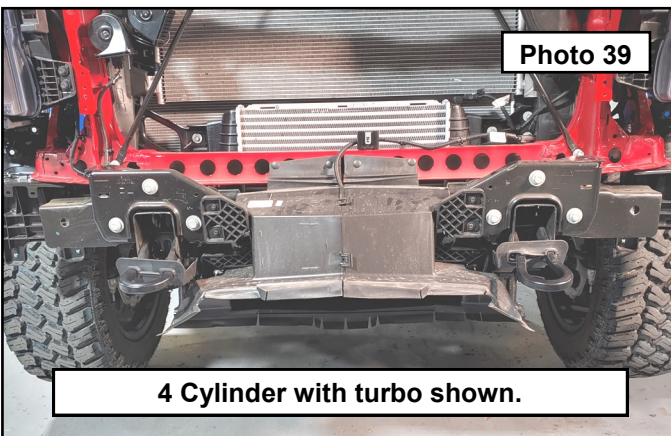
33. Remove the bumper brace from the bumper using a 15mm socket. Photo 35
34. Looking down from the grill opening, remove the bumper lower mounting hardware using an 18mm socket. Photo 36



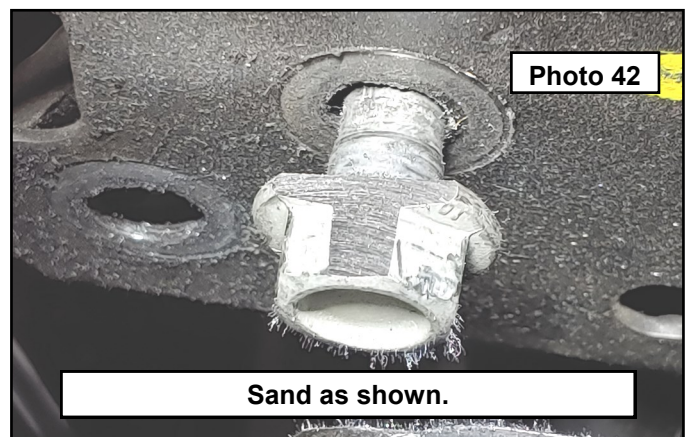
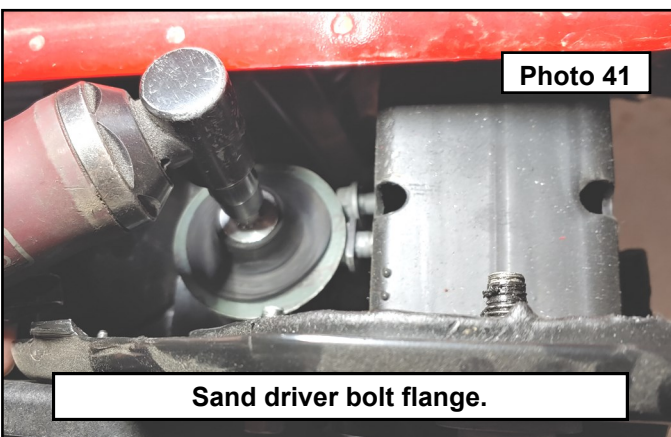
35. Remove the bumper upper mounting hardware. Photo 37
36. Remove bumper from vehicle. Photo 38



37. 4 cylinder turbo model vehicles will have the intercooler in-between the frame rails. Photo 89
38. Remove the passenger tow hook hardware using an 18mm wrench. The driver side lower bolt can be removed just by backing it out but the upper bolt is blocked by the frame mount. Photo 40

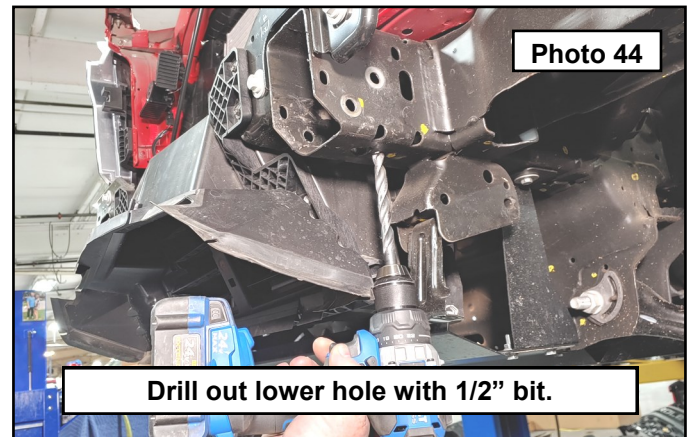
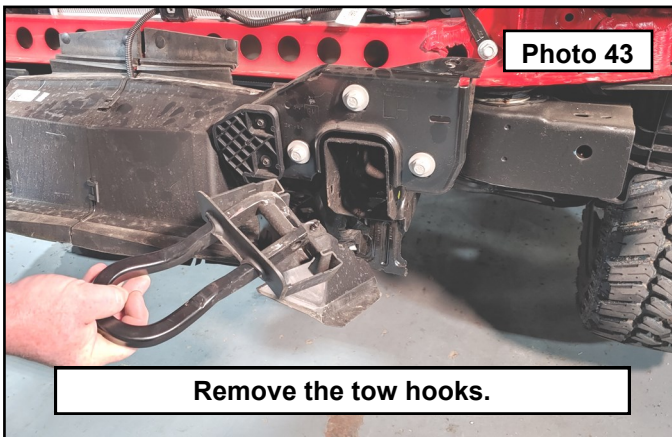


39. With the upper nut removed from the outside of the driver frame rail, pull the bolt out enough so that you can sand a flat spot into the flange of the bolt. This will allow you to rotate to this flat spot and finish removing the bolt without removing the intercooler or frame mount. Photo 41 / 42



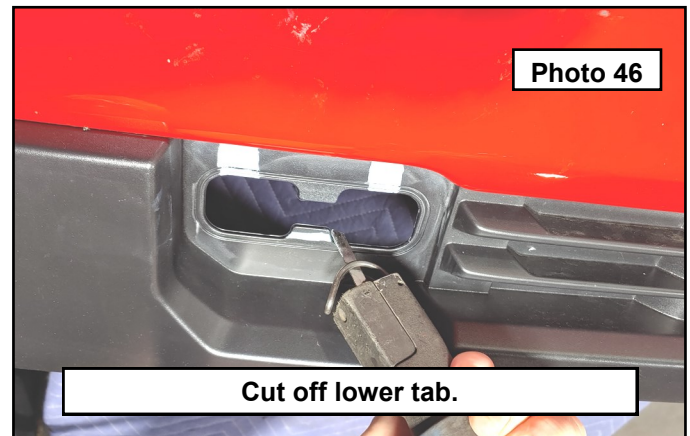
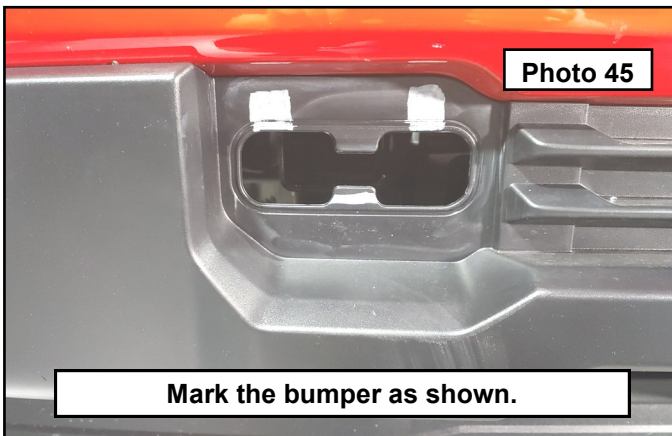
40. Remove both tow hooks from the frame. Photo 43

41. Use a drill and a 1/2" bit, open the lower mounting hole in the frame. Photo 44



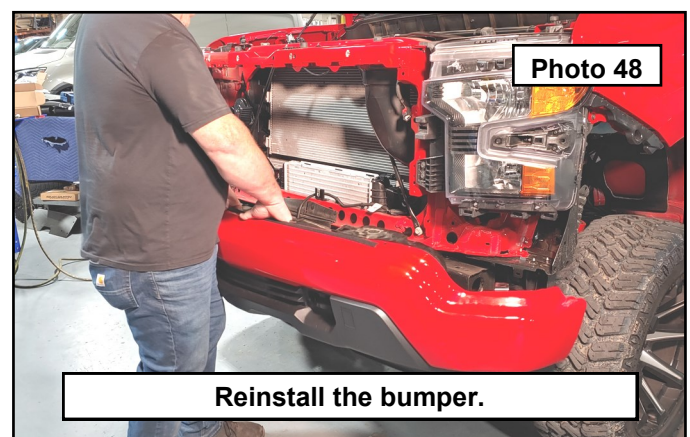
42. Mark the bumper plastic where the tow hooks protruded through as shown. The upper marks will be in line with the frame rail outer edges. Marking and cutting this way is the least intrusive to the bumper but if you prefer, you can cut out the entire top of the pocket. Photo 45

43. Use a suitable cutting tool to trim off the lower edge. (air body saw shown but can be done with a razor knife) Photo 46



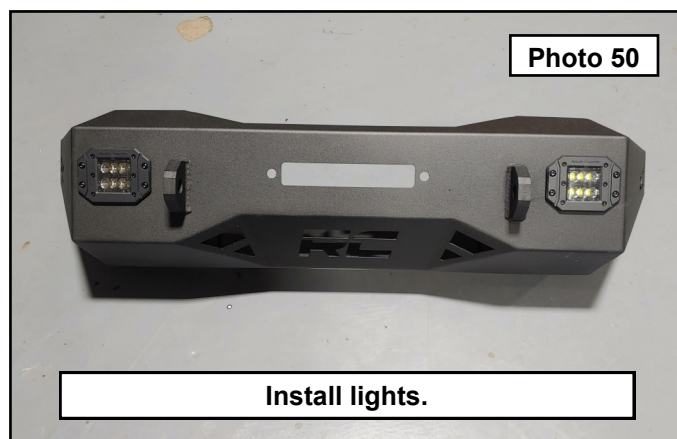
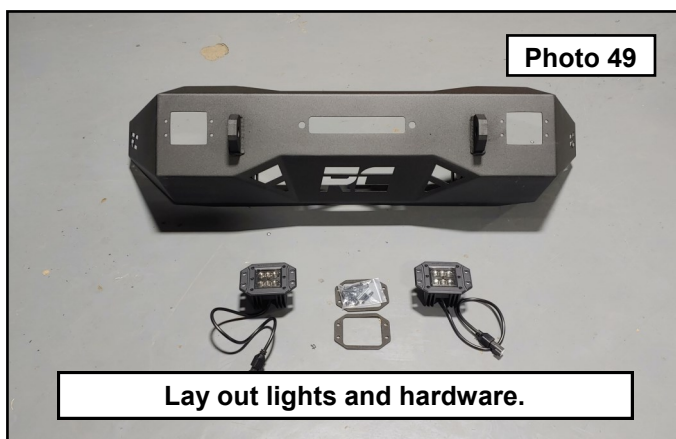
44. Use an appropriate cutting tool to remove the upper marked area. (air die grinder with carbide bit shown) Photo 47

45. Reinstall the bumper to the frame using the stock hardware in the reverse order of disassembly making sure the bumper is centered using the witness marks from the bolts as your guide. Photo 48



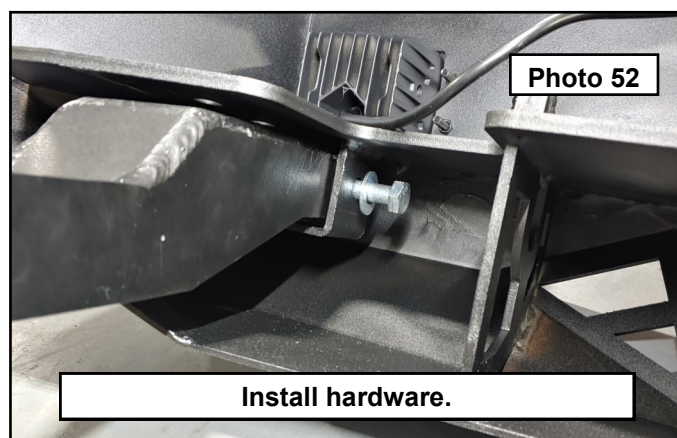
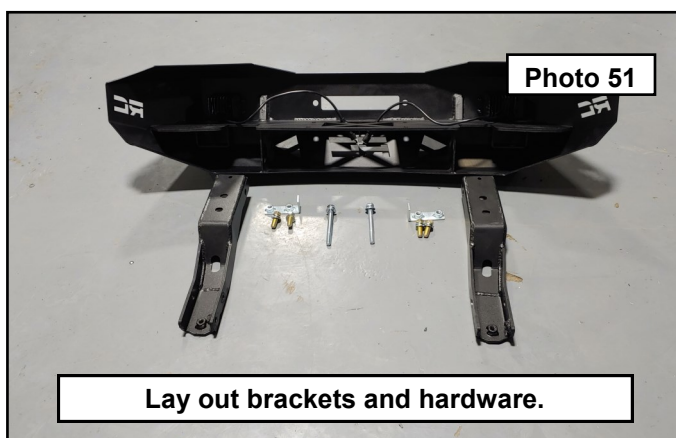
46. Lay out the Exo bumper and flush mount cube lights and hardware from the light kit. Photo 49

47. Install the lights to the bumper with the foam gaskets and hardware. Photo 50

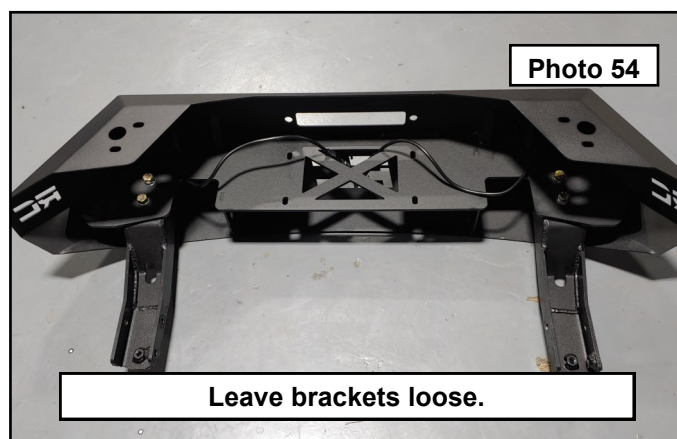
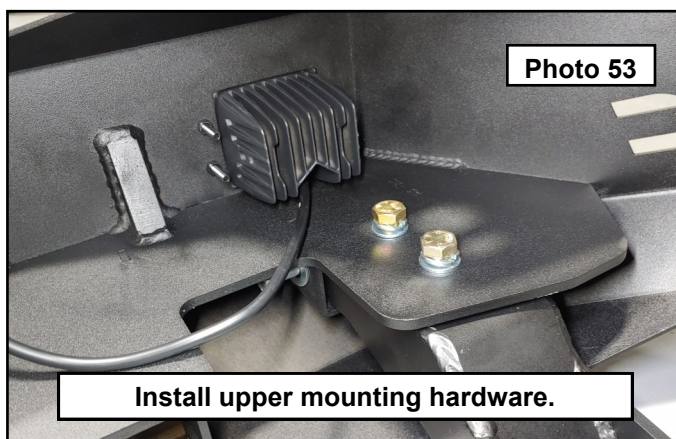


48. Lay out the brackets, flag nuts, 1/2" bolts, 12mm bolts, and washers. The brackets are driver and passenger specific with indicating D and P cut into their faces. Photo 51

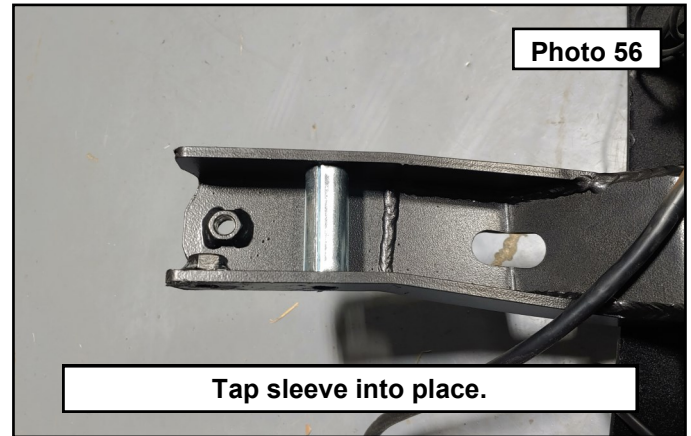
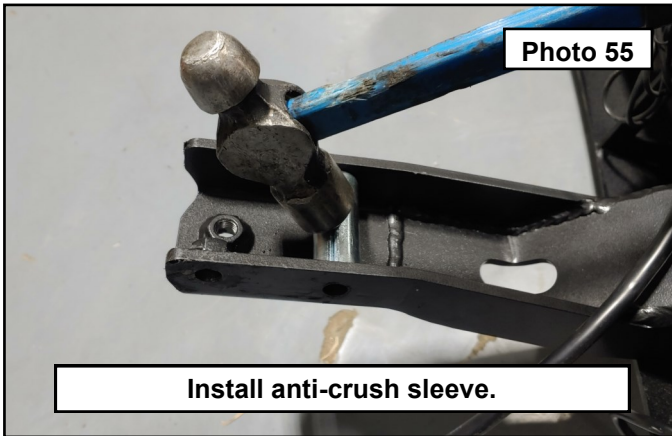
49. Install the brackets into their corresponding sides using the 12mm bolt and washer in the lower holes. Do not fully tighten at this time. Photo 52



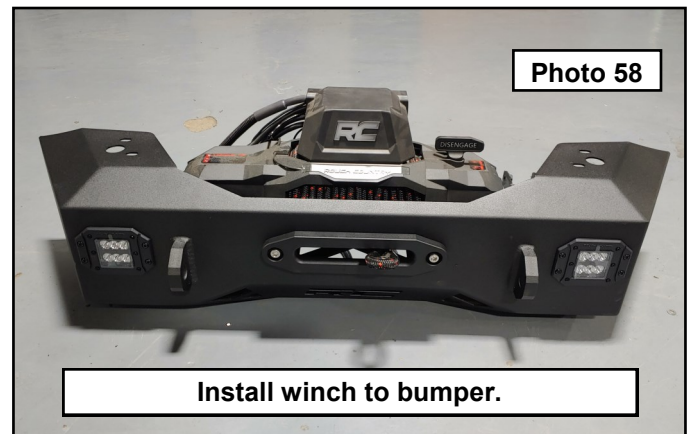
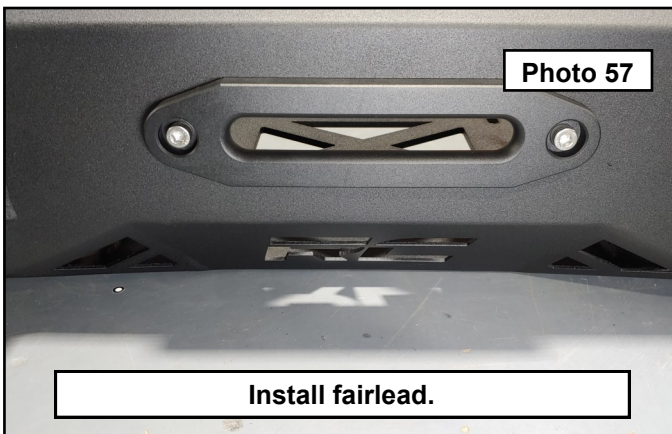
50. Install the 1/2 bolts and washers through the top holes with the nut plates from under. Do not fully tighten at this time. Photo 53 / 54



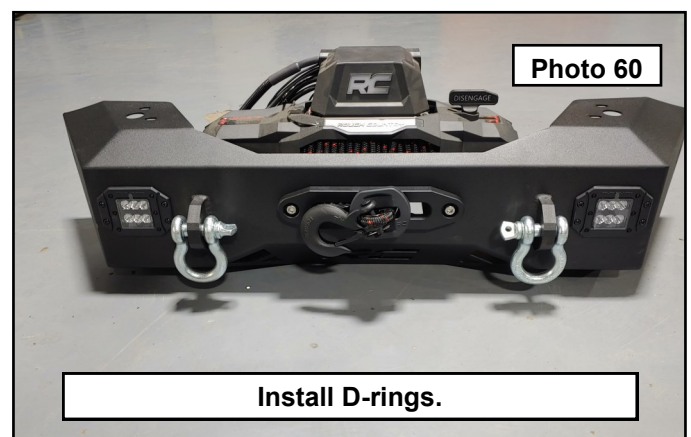
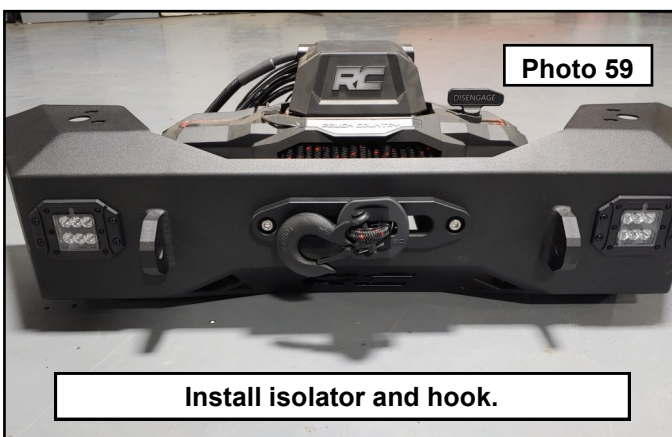
51. Install the anti crush sleeves into the brackets. These are meant to be a tight fit so they stay in place as you maneuver the bumper into place. Use a hammer to tap the sleeves into place so that they line up with the open holes in the brackets. Photo 55 / 56



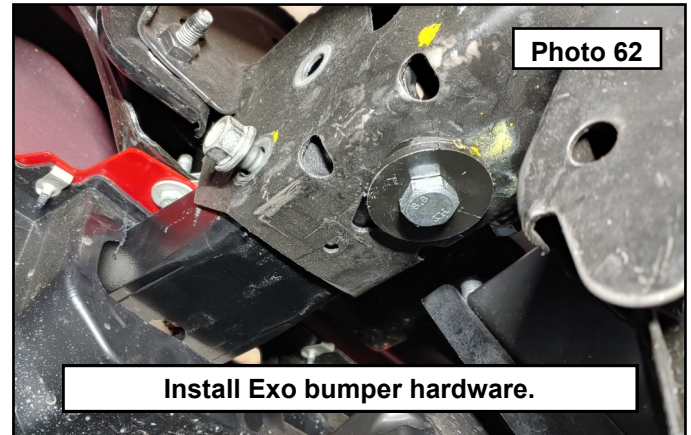
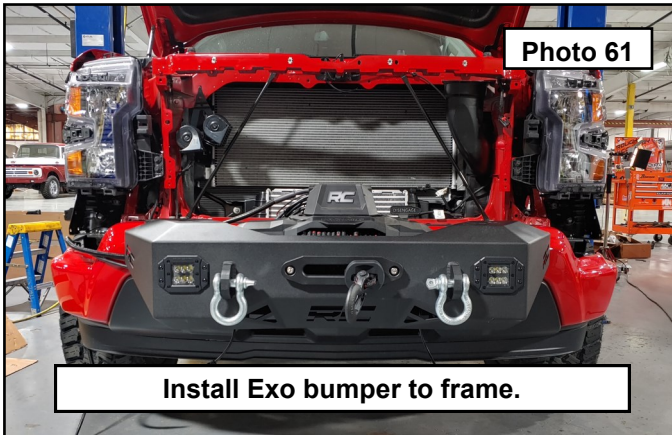
52. Install the fairlead to the Exo bumper using the hardware provided in the winch kit. Photo 57
53. Install the winch to the Exo bumper using the hardware provided in the winch kit. Photo 58



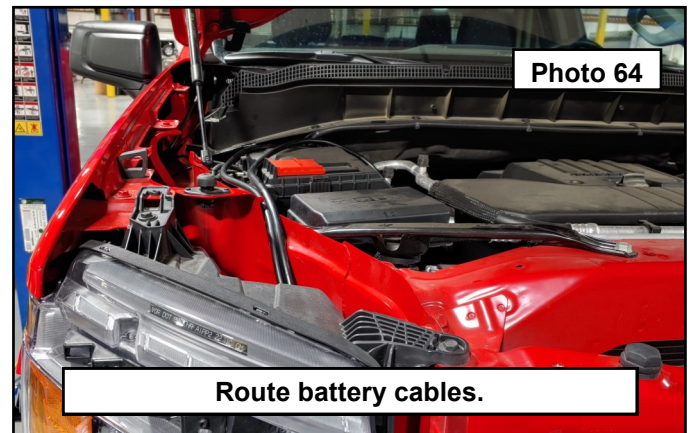
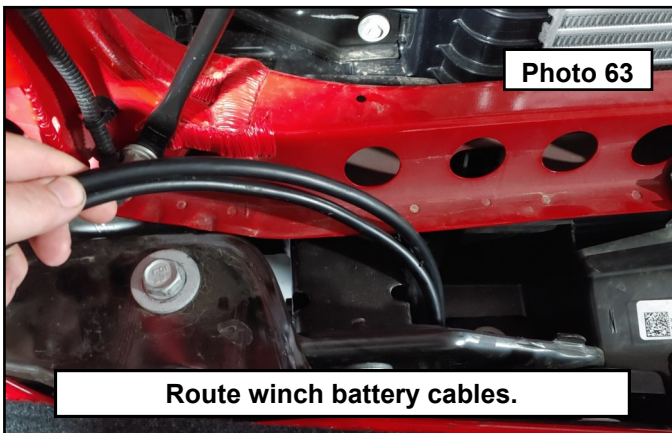
54. Install the hook and isolator from the winch kit. Photo 59
55. Install the provided D-rings. Photo 60



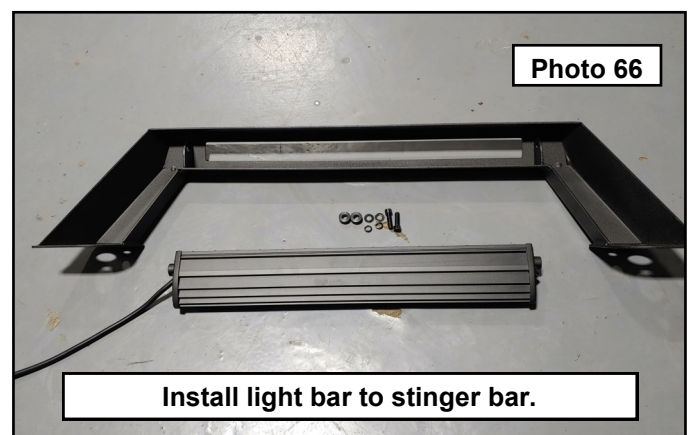
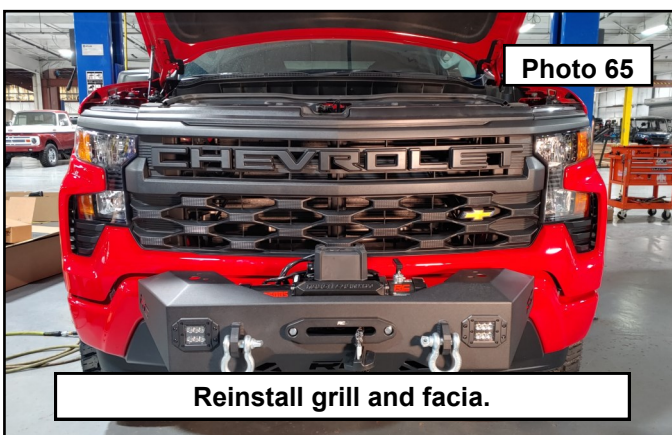
56. With the help of an assistant, raise the Exo bumper into place while sliding the mounts into the frame rails until the holes line up. Photo 61
57. Install the factory hardware into the sides of the frame rail in the stock tow hook locations and the provided 12mm bolt and large steel washer into the lower hole that was drilled to size. Once all hardware has been started, torque the lower hardware first and then the remaining hardware including all that was previously left loose in the mounts to 65 ft-lbs. Photo 62



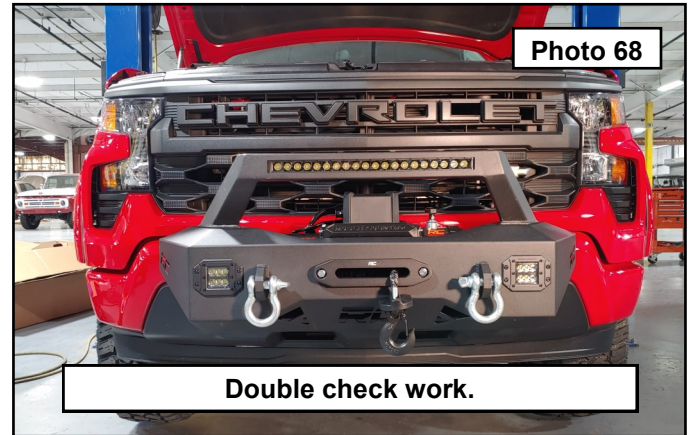
58. Route the battery cables from the winch up behind the passenger headlight. Photo 63
59. Route the remaining battery cable to the battery terminals. Zip tie along the way making sure the cables are clear of any moving or hot engine parts and where they will not get pinched by the hood when it is closed. Do not hook up the terminals at this time. Photo 64



60. Reinstall the air shutter, grill, and lower fascia in the reverse order of disassembly. Photo 65
61. If you opt to install the stinger bar, do so now by installing the 20 inch LED light bar into the mounting tabs using the hardware provided in the light kit. Photo 66



62. Install the stinger bar to the Exo bumper using the provided 7/16" bolts, washers and nuts. Route the light bar harness down and through the hole in the Exo bumper. Run the harness to suit. Photo 67
63. With all electrical connectors hooked up and the facia put back together, attach the positive and negative battery cables from the winch to the factory battery connections. The winch rope has not been pre-stretched and will need to have this done prior to use. If you do not know how to do this, please look up videos online to properly set the winch rope. Attach the winch controller and make sure the winch operates as it should. Photo 68



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