Rough Country 10914 Installation Instructions

10914

Part number: 10914

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Scan for fitment, price and install help

ROUGH COUNTRY
SUSPENSION SYSTEMS®

2014 - 2021 Tundra PreRunner 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

⚠ NOTICE 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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2014 - 2021 Tundra PreRunner Bumper

TOOLS NEEDED:
Jack
Safety Stands
Wheel Chocks

Metric Wrench/Socket
14mm
18mm
19mm

KIT CONTENTS:
Front Bumper
Winch Tray
Pass Frame Support
Driver Frame Support
Fairlead Mount Plate
Fairlead Mount Spacer
Winch Block Off Grill
30” Light Bar Mount
6” Light Bar Mount (2)
30” Light Bar Block Off Panel
6” Light Bar Block Off Panel (2)
1/4” Thick Spacer (2)
Bolt Tab (2)

HARDWARE INCLUDED:
12mm Button Head Bolt (2)
12mm Bolt (6)
12mm Flange Nut (6)
12mm Flat Washer (4)
8mm Bolt (2)
8mm Nut (2)
8mm Flat Washer (4)
6mm Bolt (4)
6mm Nut (4)
6mm Flat Washer (8)



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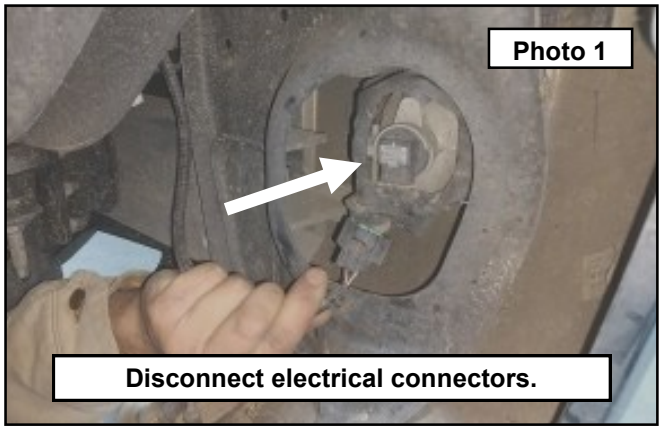
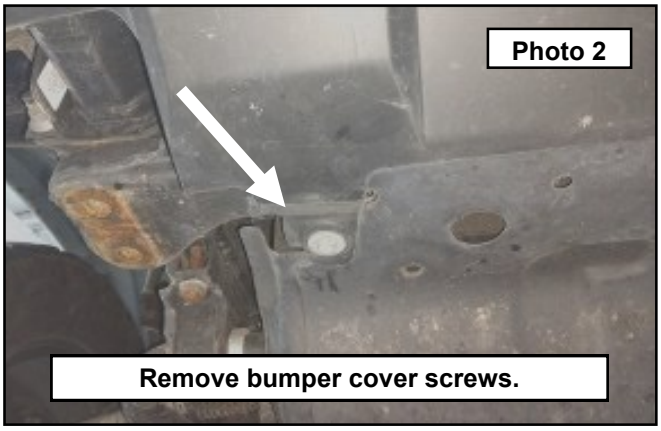
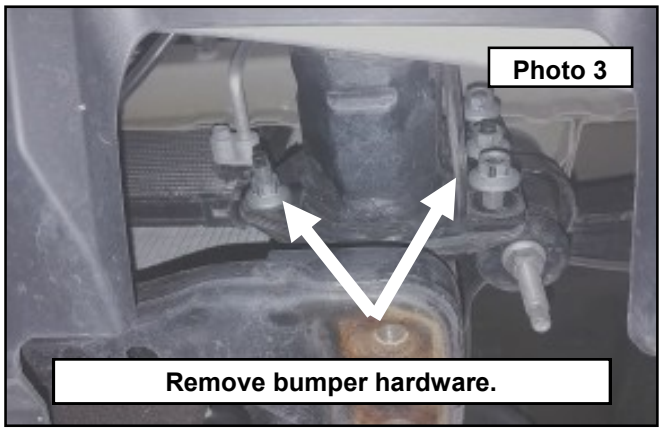
Front Bumper Installation:

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.
4. Disconnect the factory fog light harness. Disconnect the parking sensors if equipped. **Photo 1**
5. Remove the bumper cover to skid plate screws using a 10mm socket. Discard. **Photo 2**



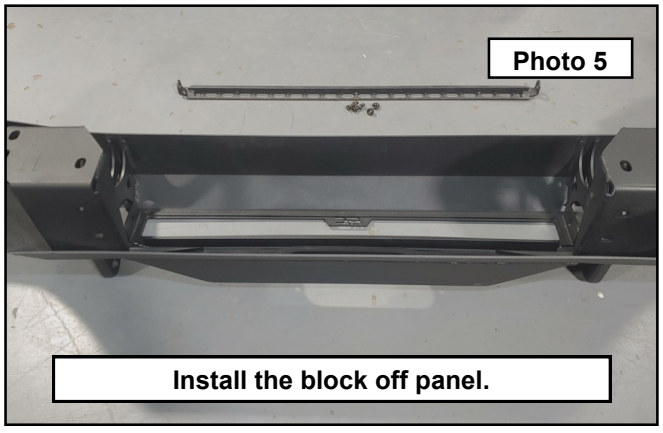


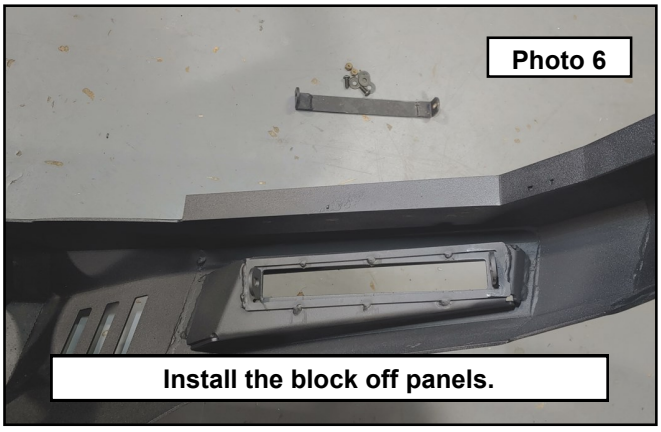
6. If you have tow hook brackets or factory tow rings, remove using a 17mm socket. This makes accessing the bumper hardware easier. Remove the 3 outer and 1 inner nut holding the front bumper to the frame on each side of the frame using a 14mm wrench. Before removing all hardware, have an assistant hold the bumper in place. **Photo 3**
7. Have an assistant help remove the bumper. You will have to tilt the top of the bumper towards the engine and pull away from the vehicle. **Photo 4**





8. **Non light optioned kits:** Install the 30” light bar block off panel into the bumper using the provided 8mm hardware. **Photo 5**
9. Install the 6” light bar block off panels into the bumper using the provided 6mm hardware. **Photo 6**





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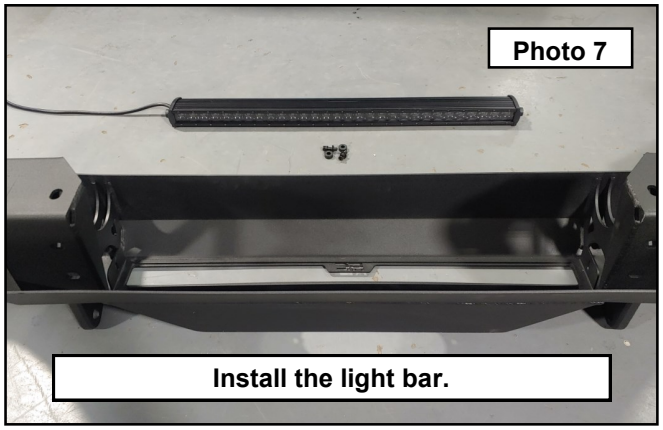
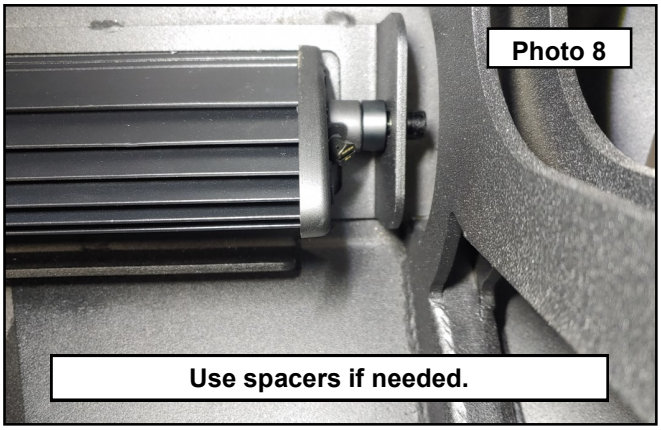
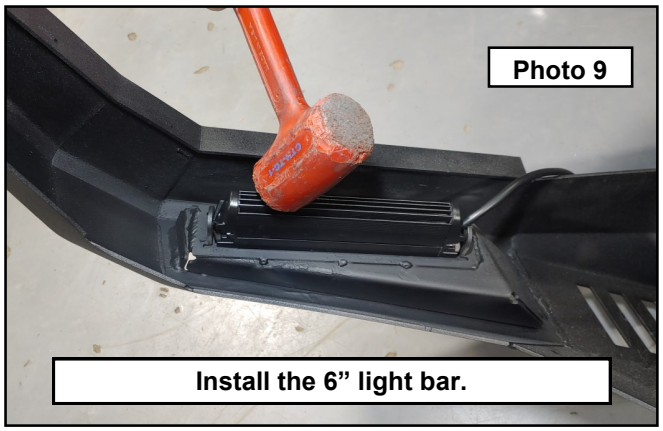
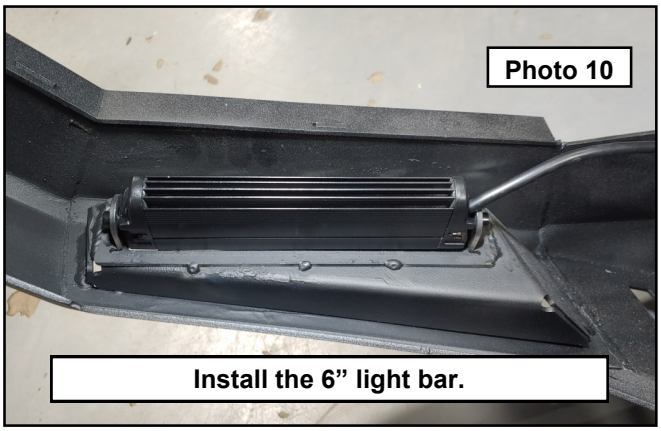
10. **Light optioned kits**: install the 30” light bar using the hardware in the light kit. **Photo 7**
11. You may need to use the provided spacers provided as well with the non DRL light bars. **Photo 8**



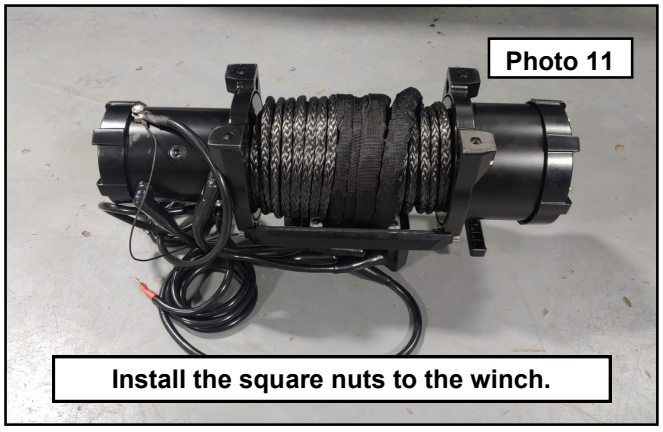


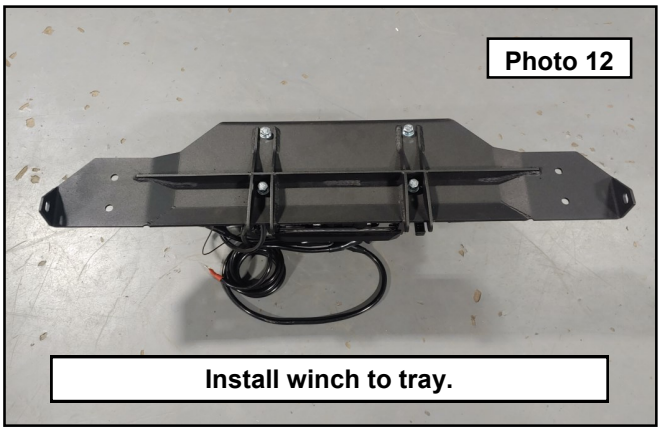
12. Install the 6” light bars to the bumper using the hardware in the light kit. These are designed to be a snug fit into the mount and you may need to tap them into place using a dead blow hammer. **Photo 9 / 10**





13. **Non winch optioned kits:** Skip to step 15. You will still install the winch tray to the bumper as this gives the bumper support when installed onto the vehicle. **Winch optioned kits:** Assemble the winch as per the instructions in the winch kit. Turn the winch upside down and install the square nuts. **Photo 5**
14. Install the winch tray to the winch as shown using the hardware from the winch kit. Torque to 30 ft/lb. **Photo 6**





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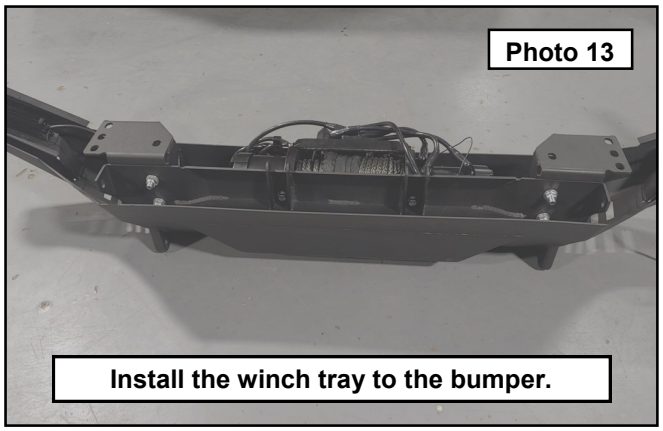
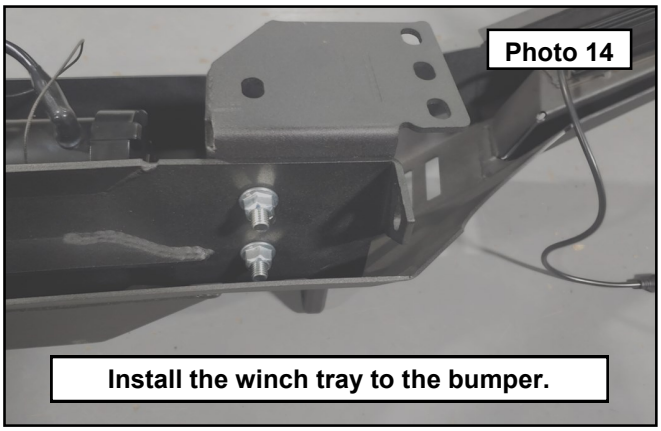
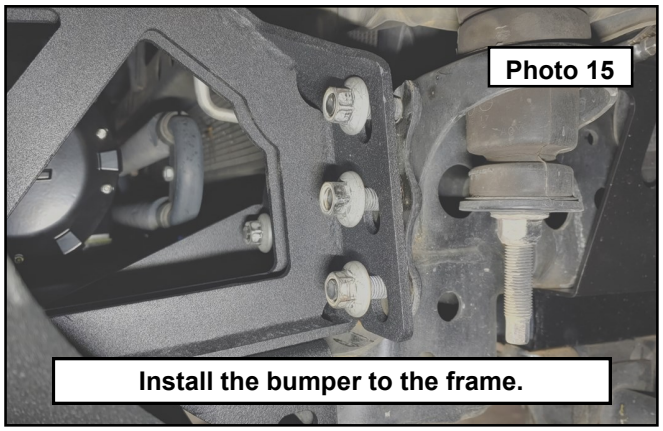
15. Center and Install the winch tray to the bumper mounts using the provided 12 mm bolts, washers and flange nuts as shown. Torque to 65 ft/lb. **Photo 13 / 14**



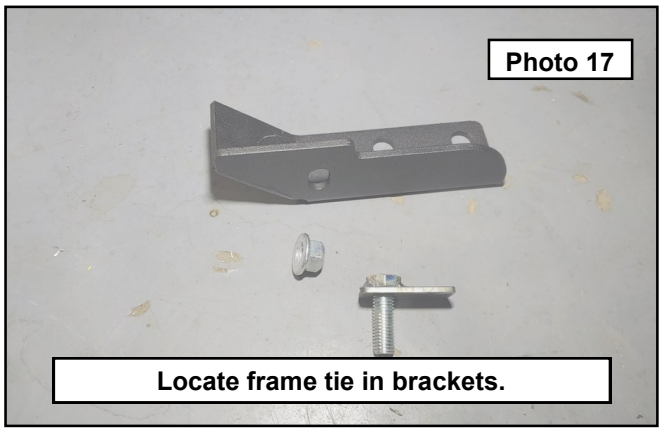


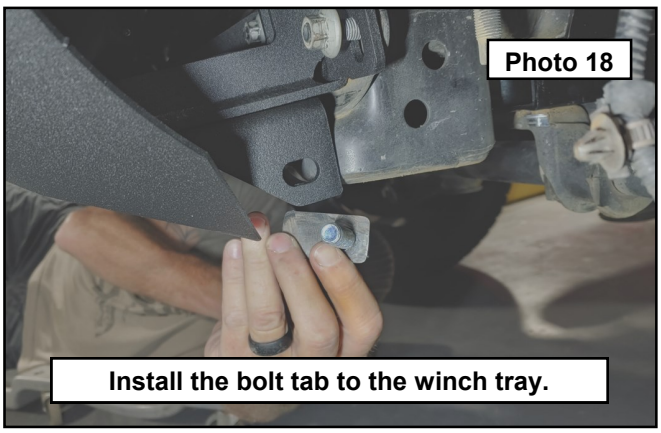
16. Have an assistant help with installing the bumper to the frame using the factory hardware. **Photo 15**
17. Make sure to leave a 1/2” gap between the bumper and the fenders. If this is not done, the bumper can contact the body of the truck when the frame is flexed, even driving up into simple spots such as driveways. Torque to 30 ft/lb. **Photo 16**





18. **Winch and non Winch optioned kits:** Locate the frame tie in brackets, flag bolt and 12mm flange nut. **Photo 17**
19. Install the flag bolt through the winch tray mounting tab as shown. **Photo 18**





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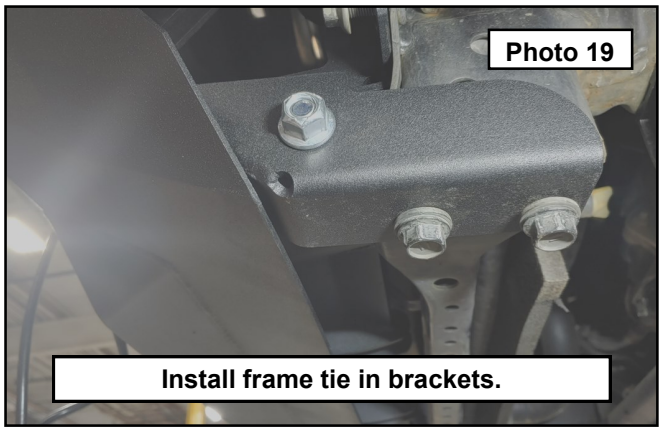
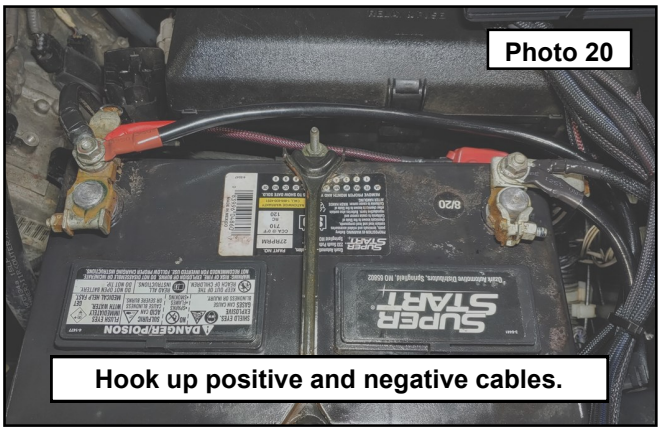
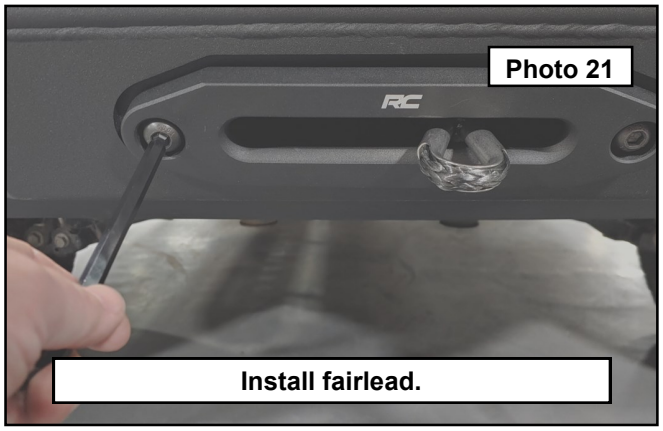
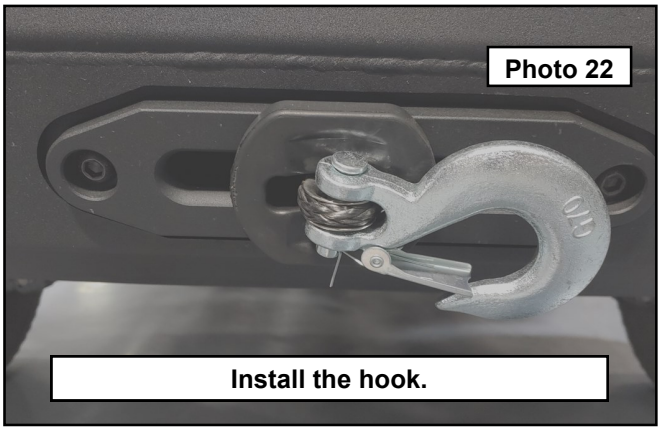
20. Install the appropriate side frame bracket using the provided 12mm flange nut and the factory tow ring mounting hardware. Torque all to 65 ft/lb. **Photo 19**
21. **Winch optioned kits:** Run the positive and negative cables up to the battery making sure to stay away from moving and hot items. Reconnect the battery negative terminal and then attach the winch power and ground. **Photo 20**



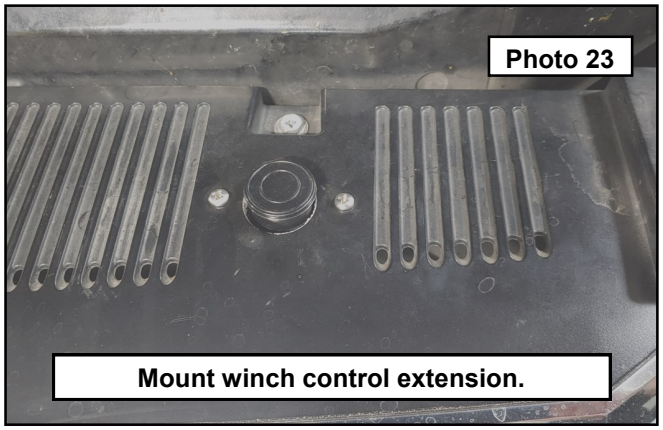


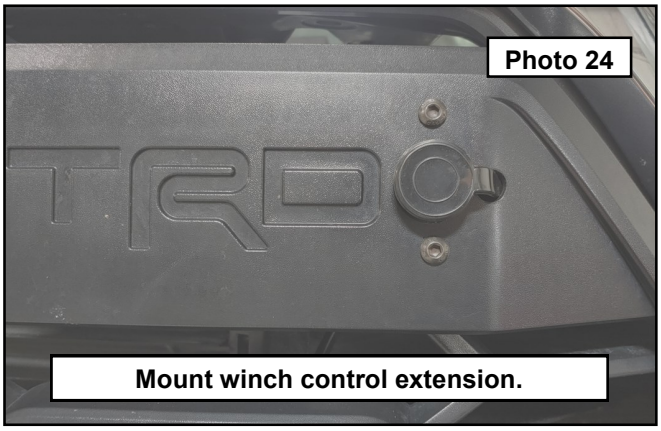
22. Install the winch fairlead to the bumper using the provided 12mm button head bolts. Torque to 30 ft/lb. Install rope hook. **Photo 21**
23. Install the hook to the rope and pull into the bumper for storage. If you have a brand new winch or rope, you will need to pre-stretch the rope properly and respool before use. **Photo 22**





24. Find a spot to mount the winch control extension. This location will be personal preference. Mark and drill the needed size holes for your location using the cable end as a guide. Here it was chosen to mount to the grill shell under the hood. Install using the provided self threading screws. **Photo 23**
25. Here is shown mounted in a grill shell on the outside of the vehicle. **Photo 24**





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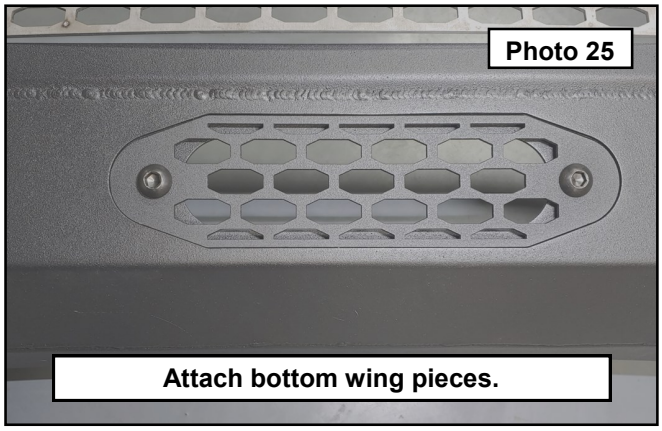
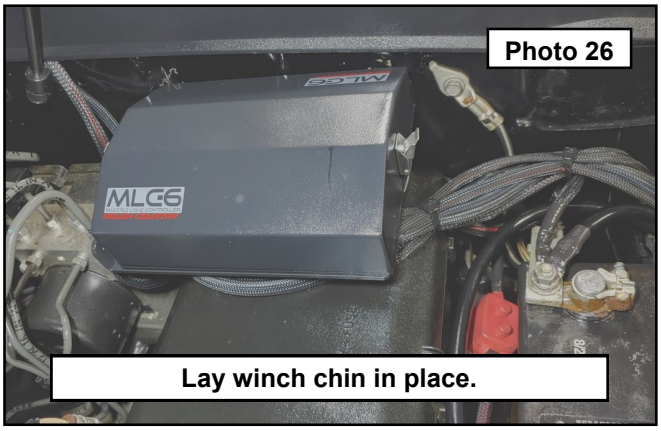
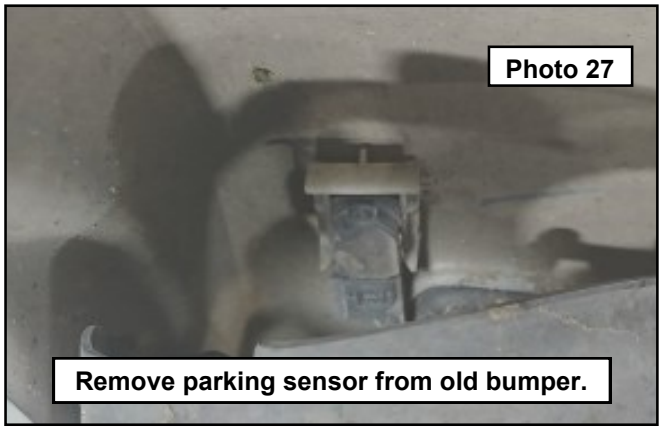
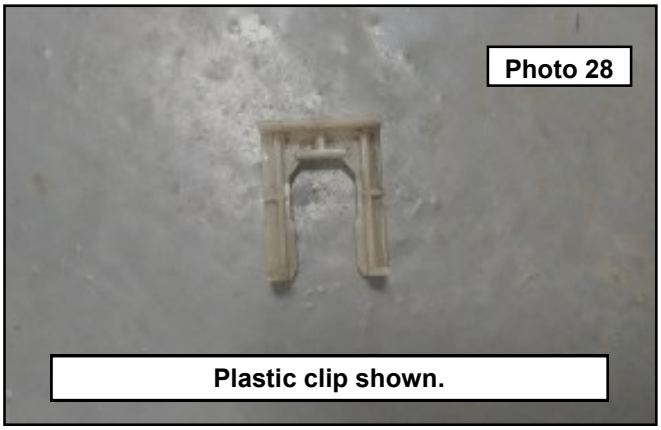
26. **Non winch optioned kits:** Install the block off grill using the provided 12 mm button head bolts and 1/4” thick spacers behind the grill. This allows the grill to sit flush with the bumper skin. Center the grill. Torque to 5 ft/lb. Photo 22
27. Light optioned kits: run the wiring to suit. Here is shown the Rough Country universal MLC6 for cable management and control. Photo 26



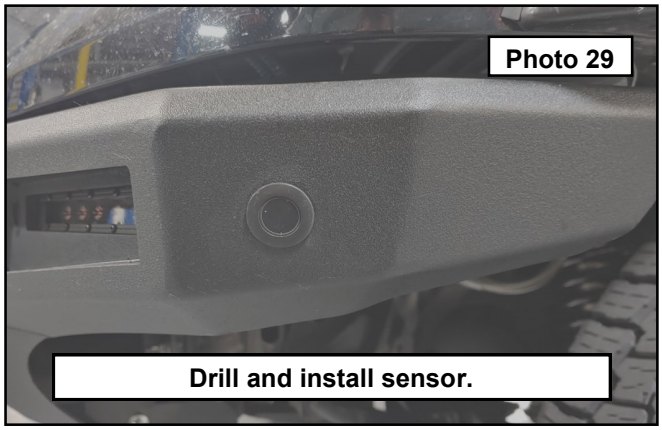


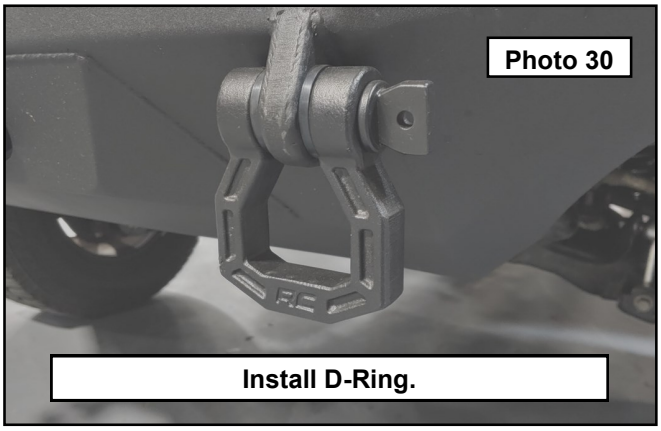
28. If your vehicle is equipped with parking sensor, remove the sensors from the bumper by pulling the plastic clip off the housing and pushing the sensor out of the front of the bumper. Photo 27 / 28





29. Adding sensors will require drilling a hole in the bumper wing. Mark the center of the corner wing and drill out to .900”. This is important for fitment of the sensor. It cannot be too loose, nor too tight as both could make the sensor activate. If you do not have the appropriate drill size, use a step drill to get as close as possible and then use a bur tool to open the hole up to the size needed. Paint the exposed metal with a quality rust preventative paint. Install the sensor using the factory plastic clip. Reconnect the electrical harness. **Photo 29**
30. Install D-Ring of choice. Shown are the forged Rough Country D-Rings. **Photo 30**





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