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Rough Country 51059 Installation Instructions

Hidden Winch Mount Kit with 12000-Lb Winch for Bronco (2021-2025)

Part number: 51059

trailfortress.com/hidden-winch-mount-kit-bronco-rough-country-51059

Scan for fitment, price and install help

ROUGH COUNTRY
SUSPENSION SYSTEMS®

Bronco Winch Tray and Skid Plate

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.

PRODUCT USE INFORMATION

⚠WARNING As a general rule, the taller a vehicle is the easier it will roll. We strongly recommend that seat belts and shoulder harnesses be worn at all times. Braking performance and capabilities are decreased when significantly larger/ heavier tires and wheels are used. Do not add, alter, or fabricate any factory or after-market parts which increase vehicle height over the intended height of the Rough Country product purchased. Rough Country makes no claims regarding lifting devices and excludes any and all implied claims. We will not be responsible for any product that is altered.

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.



RC ROUGH COUNTRY

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Bronco Winch and Skid Plate

TOOLS NEEDED:
Jack
Wheel Chocks
Metric Wrench/Socket
15mm
16mm
19mm

KIT CONTENTS:
Winch Tray
Winch Skid Plate
Winch Controller Extension
Intercooler Spacer (2)
Nut Tab (2)

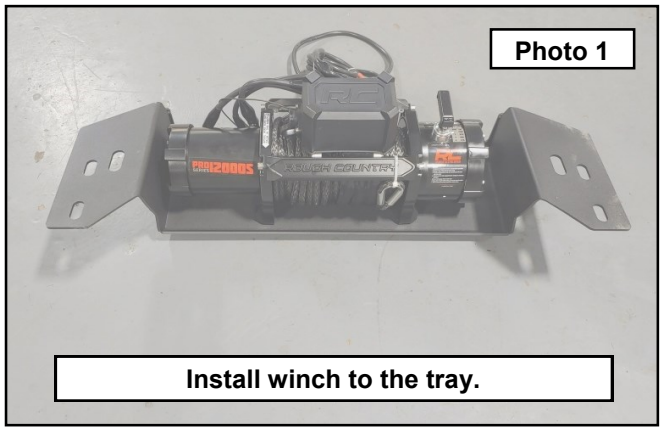
HARDWARE INCLUDED:
Self Tapping Screw (2)
12mm Black Button Head Bolt (2)
7/16” x 1.25” Bolt (2)
7/16” Washer (2)
Cable Ties (6)

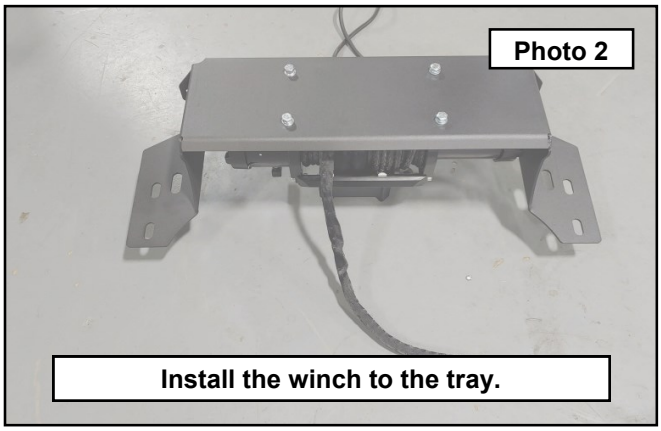


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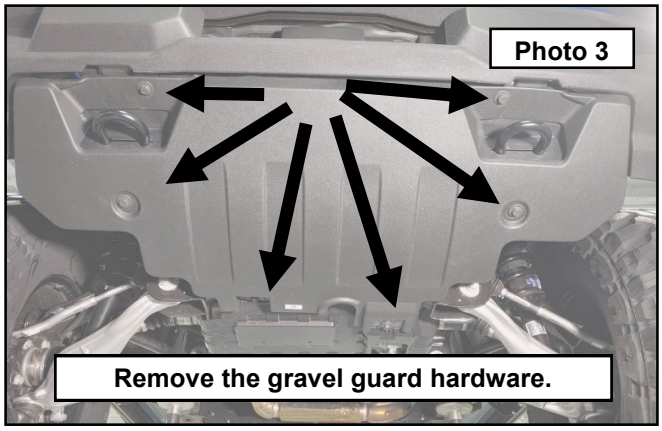
Winch Tray and Skid Plate Installation

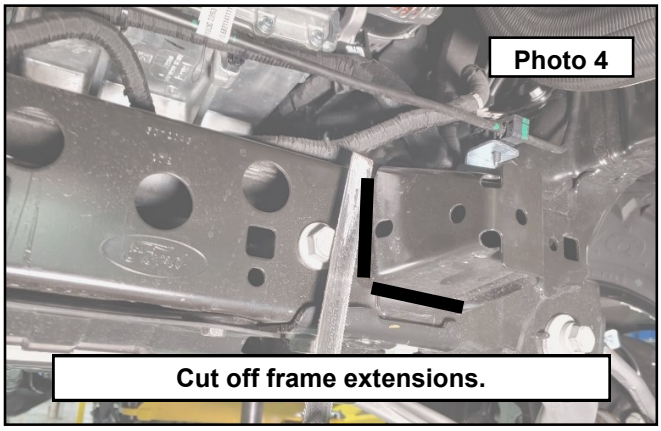
1. Park your vehicle on a clean flat surface, engage the parking brake and block the rear tires.
2. **Save all hardware removed from the vehicle unless otherwise noted.**
3. Open the hood and disconnect the negative terminal on the battery.
4. Install the winch to the winch tray using the hardware provided with the winch as shown. It is easier to place the winch upside down and then install the tray to the winch. This kit was specifically designed around the RC 9500 and 12000 lb winch with synthetic rope and hawes fairlead. **Photo 1 / 2**



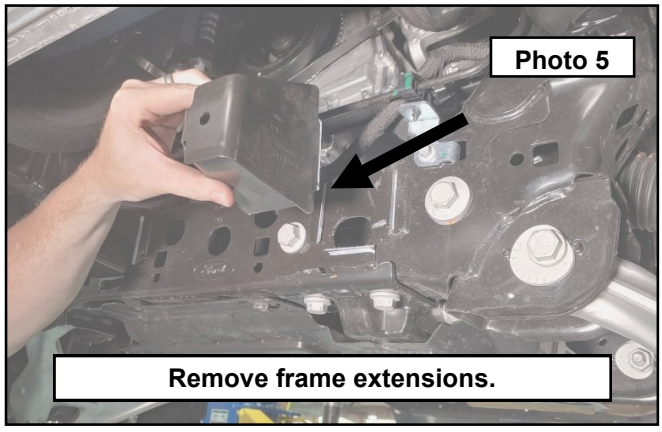


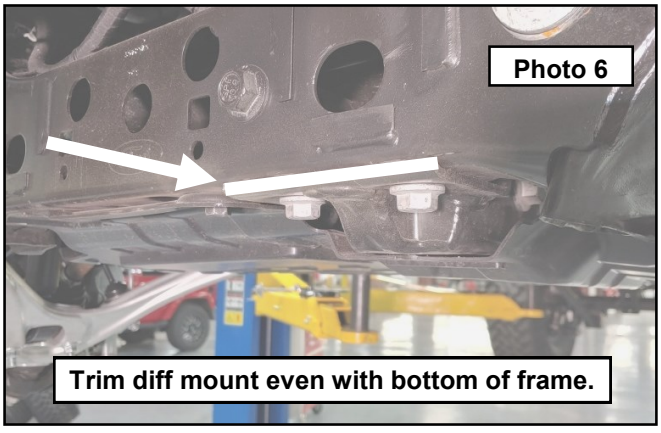
5. Remove the gravel guard from the vehicle using a 15mm socket in 6 locations. The two rearmost bolts you only have to loosen to slide the gravel guard off. Once removed, tighten the rearmost bolts back down. **Photo 3**
6. On the front of the frame you will find extensions that need to be removed to install the winch. Use a suitable cutting tool (Sawzall shown) and remove these even with the frame rail as shown. You will have 4 sides on each extension to cut through. Do not cut through the electrical or brake lines. **Photo 4**





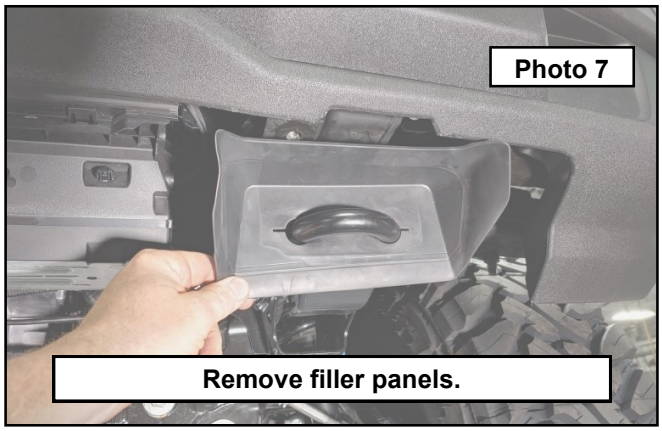
7. Remove the frame extensions shown. **Photo 5**
8. You will need to trim the driver front differential mount lip off even with the bottom of the frame rail. Use a suitable cutting tool to trim this edge as shown. Sand all burrs off and paint exposed metal with a quality rust preventative paint. **Photo 6**

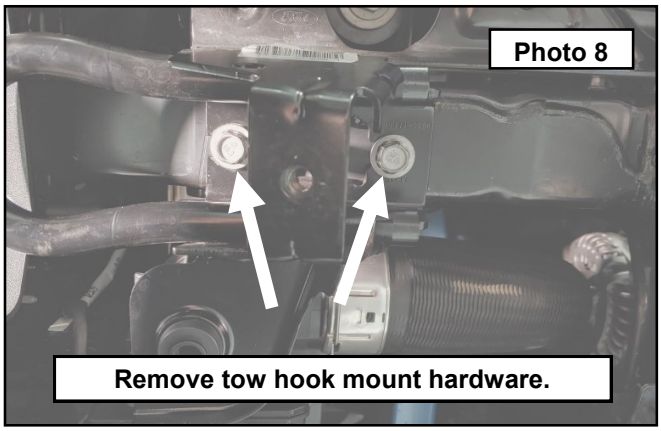




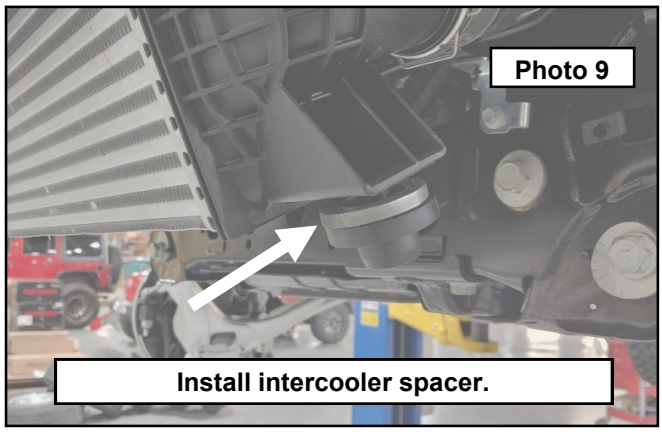
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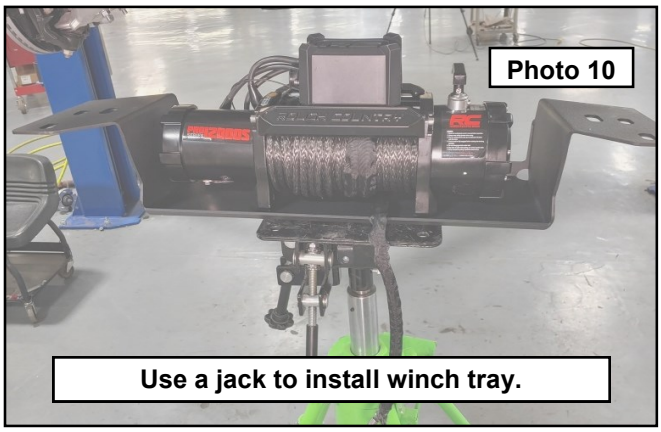
9. If stock tow rings are installed, remove the tow ring filler panel by pulling out and away from the tow rings. **Photo 7**
10. Remove the factory tow rings using a 15mm socket. The intercooler is held in place with these as well and you will need to support it as you remove the tow rings. If you have the Rough Country tow hook brackets installed, remove the same way. **Photo 8**



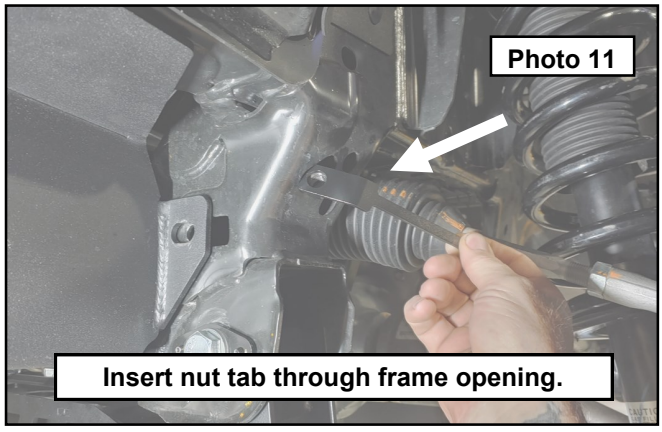


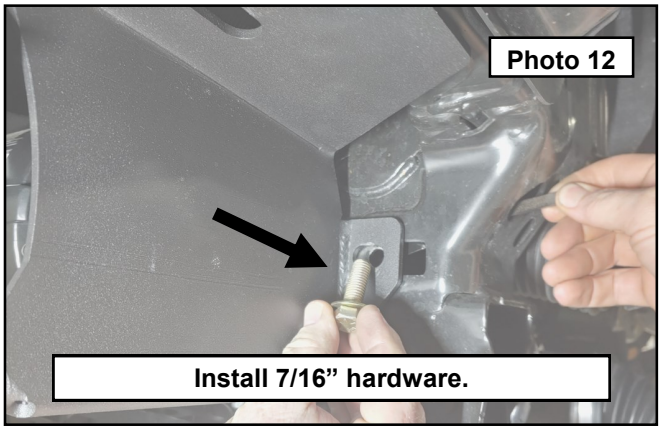
11. Remove the intercooler rubber isolator by twisting and pulling down away form the intercooler. Install the intercooler washer onto the top of the isolator. Reinstall the rubber isolator onto the intercooler. **Photo 9**
12. Use of an assistant, floor jack, or other jack is recommended. Raise the assembled winch tray up to the frame rails of the vehicle while holding the intercooler out of the way. **Photo 10**





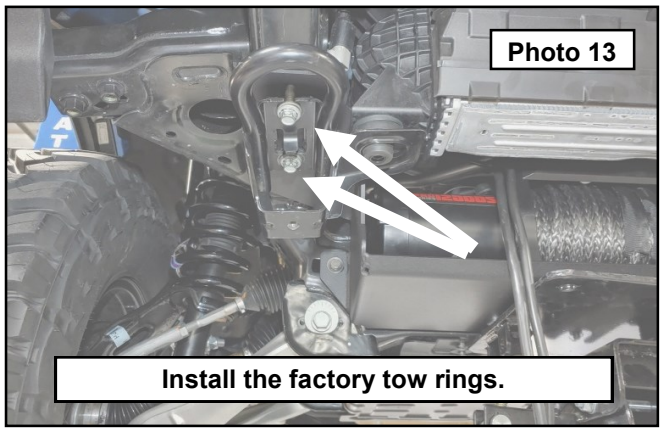
13. Install the provided nut tab through the frame opening until the nut lines up with the hole in the frame and winch tray. **Photo 11**
14. Install provided 7/16” bolt and washers. Leave loose at this time. **Photo 12**

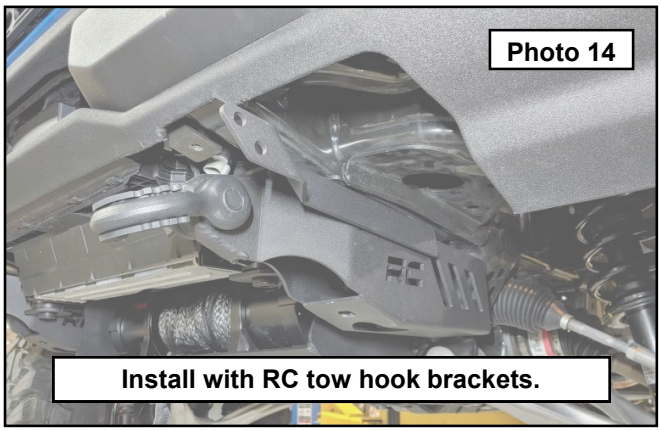




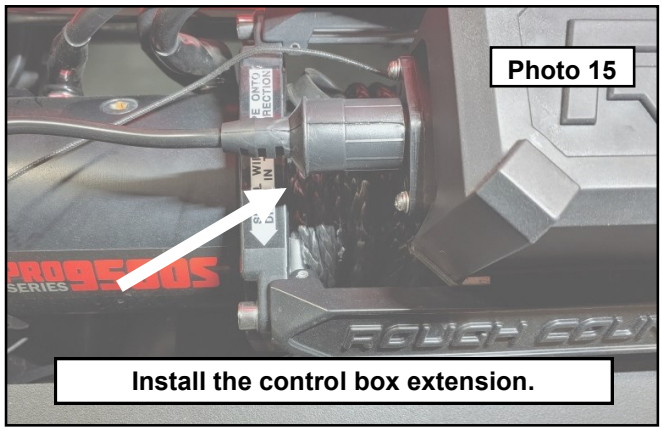
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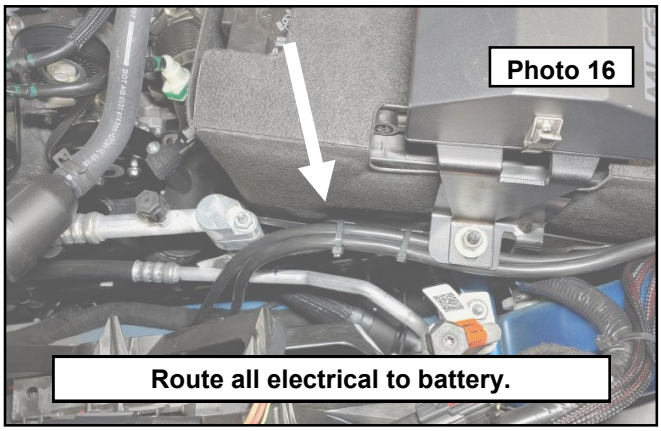
15. If you are installing the factory tow rings back to the vehicle, reuse the factory hardware to sandwich the winch tray to the frame rail while lining up the intercooler mounts. Only snug this hardware up at this time. **Photo 13**
16. If you are installing the Rough Country tow hook brackets, do the same as above with the factory hardware. Once you have both sides in place, torque the back two bolts above the lower control arm cam bolts to 35 ft-lbs, pull the tow hooks as far forward in their slots as possible and torque to 45 ft-lbs. Shown with the Rough Country Bull Bar option brackets from the bull bar kit. **Photo 14**



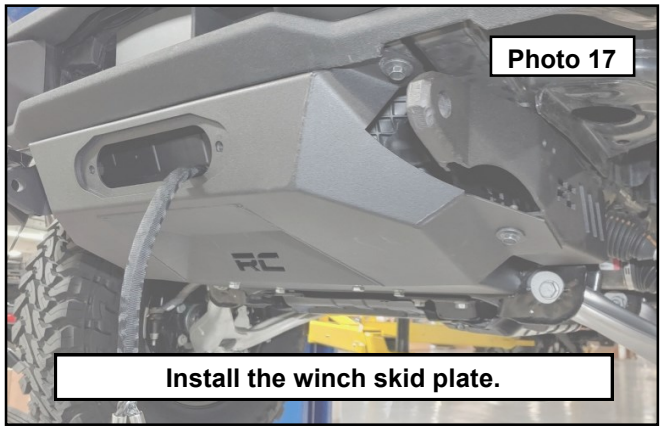


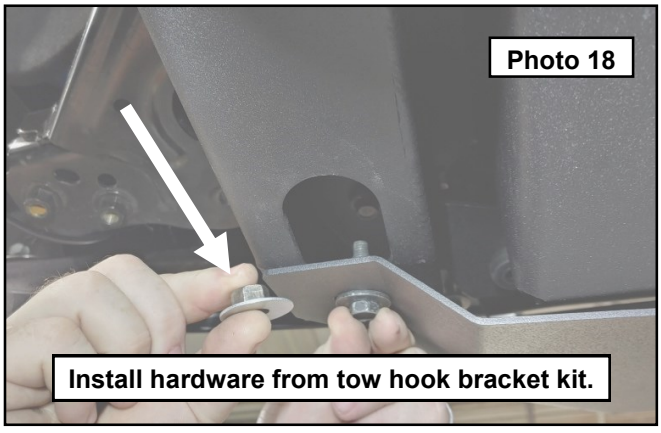
17. Install the provided electrical control box extension to the side of the winch control box. **Photo 15**
18. Route the electrical cables for the winch up through the engine bay to the battery at this time. Cable tie to the battery tray mount and along their route to keep out of harms way from moving components. **Photo 16**





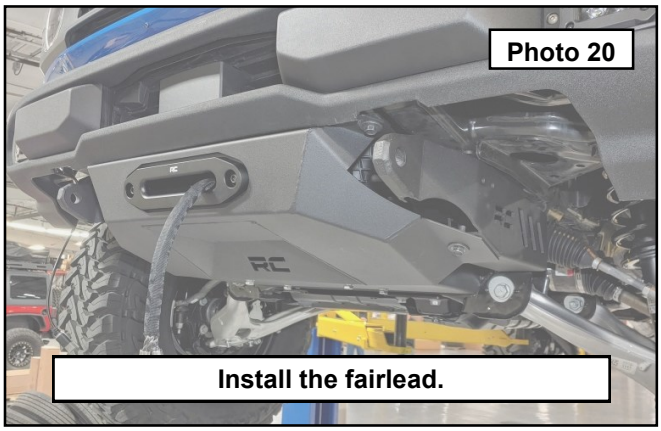
19. Install the winch skid plate to the frame and the factory tow rings using the factory hardware making sure to pull the winch rope through the opening. Torque all to 35 ft/lbs. **Photo 17**
20. If you have the Rough Country tow hook brackets, you will need to use the provided 10mm nuts and washers from the tow hook bracket kit and the factory bolts. Slide the nut and washer through the opening in the tow hook bracket. **Photo 18**



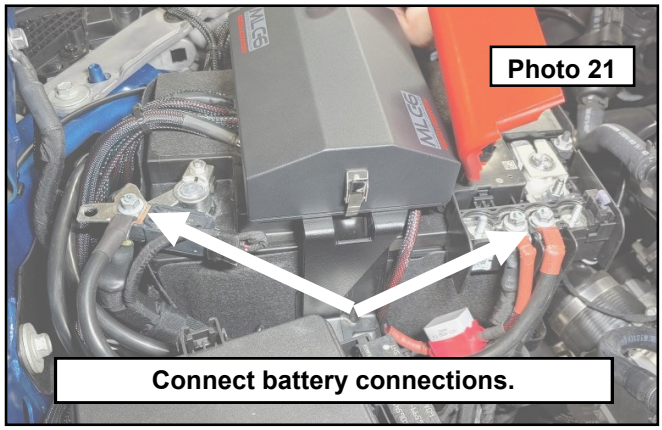


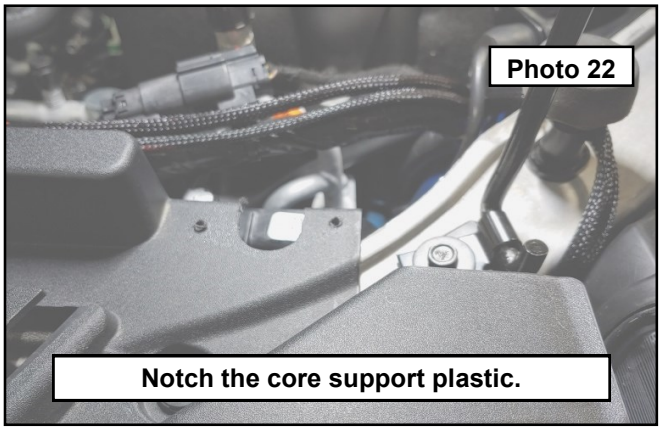
21. Install the Hawse fairlead to the winch skid plate using the provided 12mm black button head bolts from the winch tray kit. Torque to 35 ft-lbs. Install the rope hook of choice to the clevis. **Photo 19 / 20**



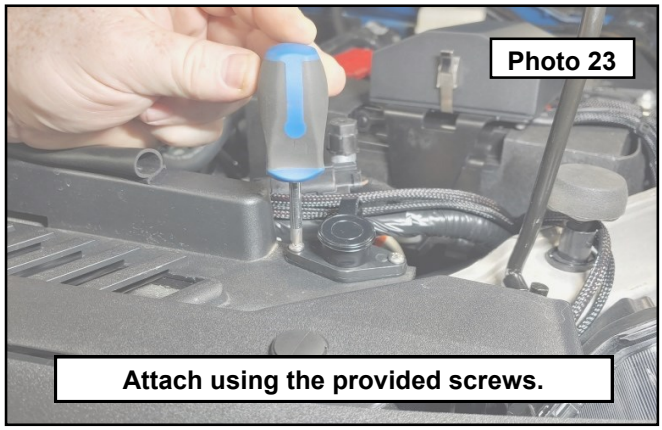


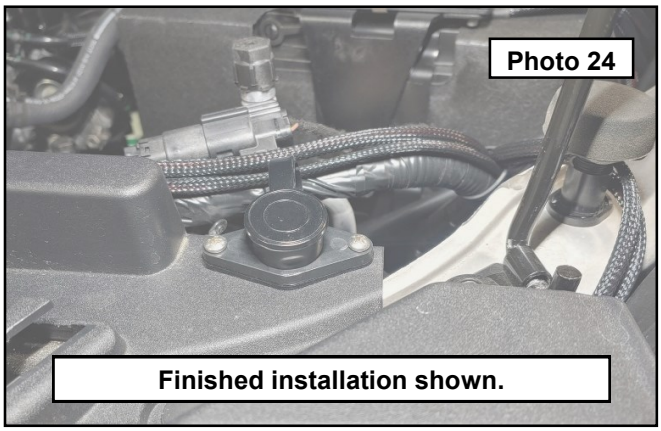
22. Under the hood, connect the winch positive and negative cables directly to the connections of the battery. Reconnect the battery negative terminal to the battery. **Photo 21**
23. Find a suitable place to install the winch control extension to the vehicle. We recommend notching the core support filler panel and screwing in place using the provided screws as shown. **Photo 22**





24. These screws will “self tap” through the plastic. **Photo 23**
25. Finished install shown. **Photo 24**





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