TRAIL FORTRESS

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Rough Country 51050 Installation Instructions

Nudge Bar with 3-Inch Wide-Angle Osram LEDs for Ford Bronco

Part number: 51050

trailfortress.com/nudge-bar-ford-bronco-rough-country-51050

Scan for fitment, price and install help

ROUGH COUNTRY
SUSPENSION SYSTEMS®

21 Bronco Bull Bar

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.



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21 Bronco Bull Bar

TOOLS NEEDED:
Wheel Chocks
Metric Wrench/Socket
15mm
13mm
17mm

KIT CONTENTS:
Bull Bar
Driver Mount
Pass Mount
20” Light Bar Mount

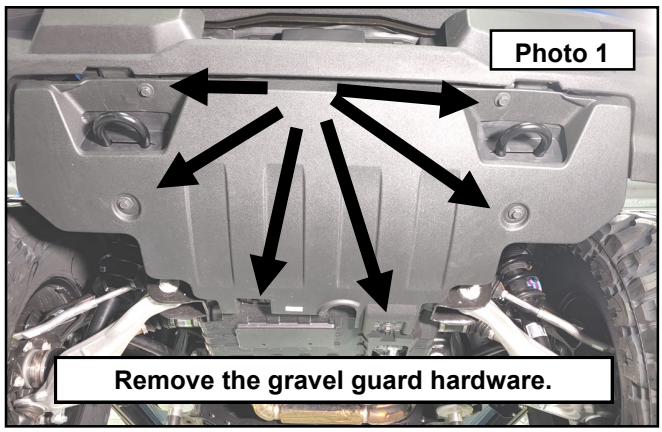
HARDWARE INCLUDED:
10mm x 25mm Bolt (4)
10mm Washer (12) ((8) Not Used)
10mm Flange Nut (4)
8mm x 25mm Bolt (4)
8mm Washer (4)
8mm Flange Nut (4)
10mm x 40mm Bolt (4) (Not Used)
10mm Nylock Nut (4) (Not Used)

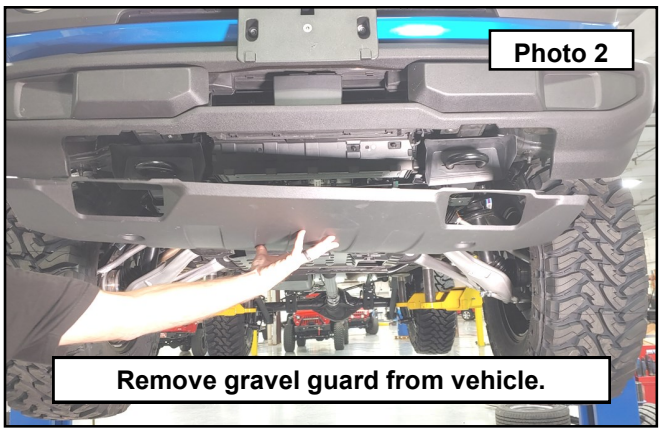


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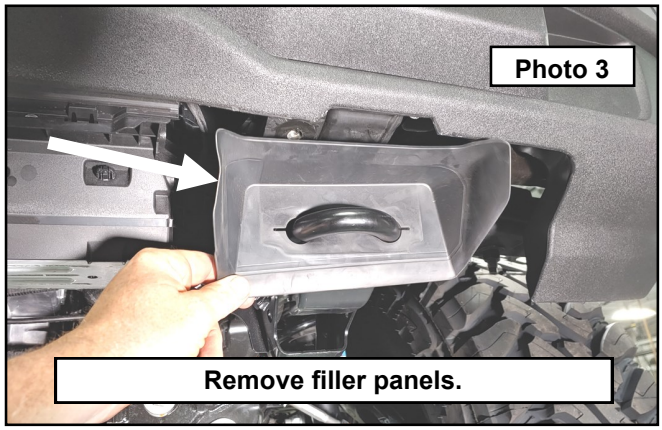
Front Installation

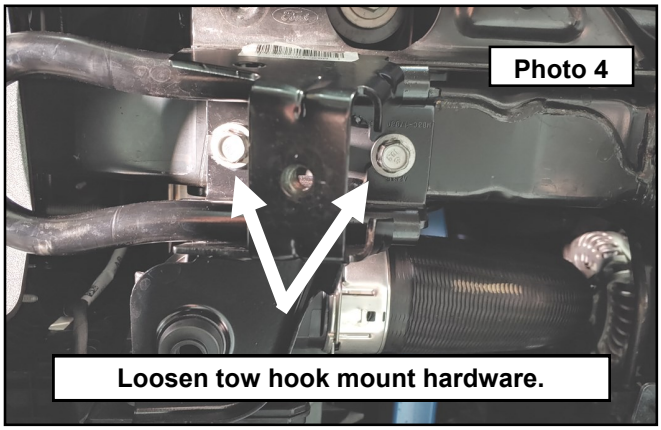
1. Park your vehicle on a clean flat surface, engage the parking brake and block the rear tires.
2. Jack the front of the vehicle up and place safety stands at the indicated lift points for the frame in the service manual. Remove the front wheels and set aside.
3. **Save all hardware removed from the vehicle unless otherwise noted.**
4. Open the hood and disconnect the negative terminal on the battery.
5. Start by removing the 6 factory lower gravel guard bolts using a 15mm socket. Photo 1
6. Slide the gravel guard down and forward off the vehicle. Photo 2



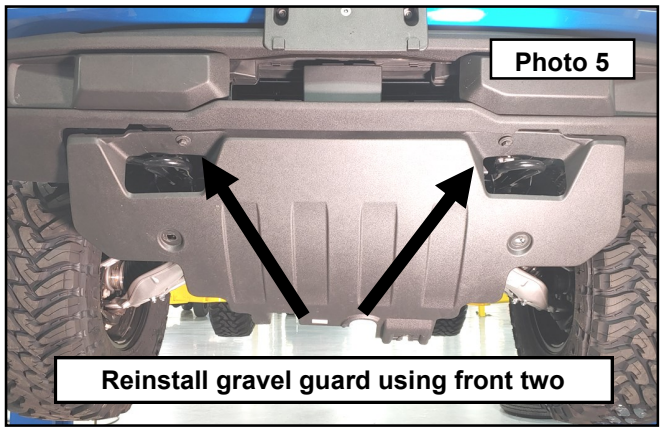


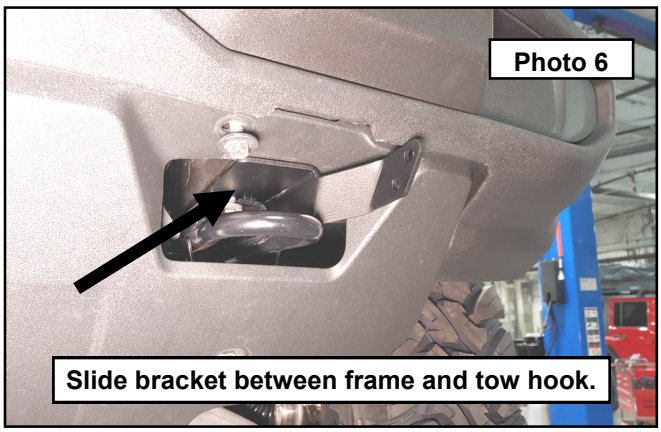
7. Remove the filler panels from around the factory tow hooks by pulling out and away from the hook. Photo 3
8. Loosen the factory tow hook mounting hardware using a 15mm socket. DO NOT fully remove the hardware as the mounts act as the intercooler lower mount. Photo 4





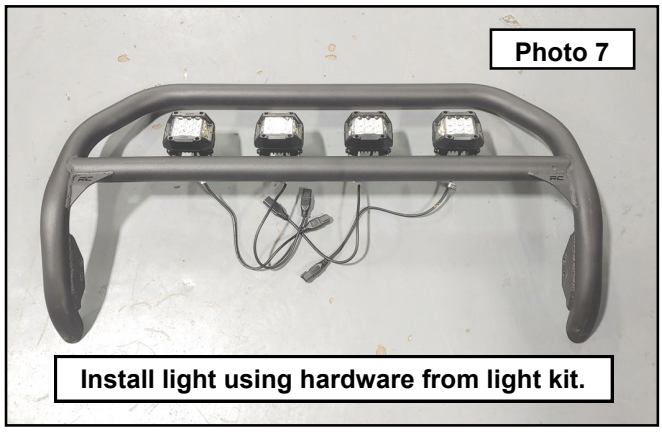
9. Reinstall the gravel guard to the vehicle using the factory hardware only on the forward most bolt locations. Let the guard hang down so that you have access to the tow hook hardware. Photo 5
10. Slide the driver and passenger side Rough Country brackets between the frame and the tow hook using the slot. Slide as far back as possible. Do not tighten at this time. Driver side shown. Photo 6

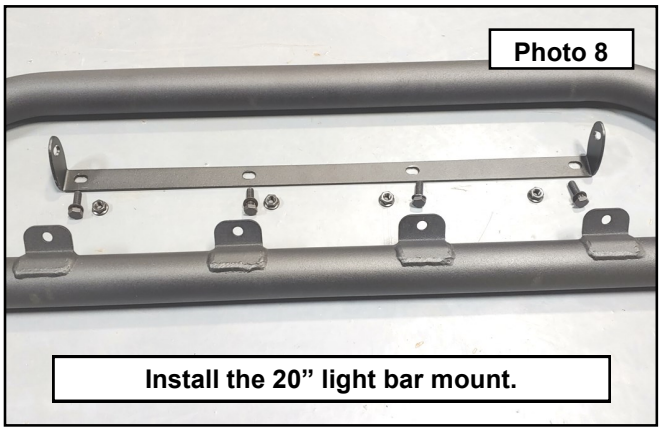




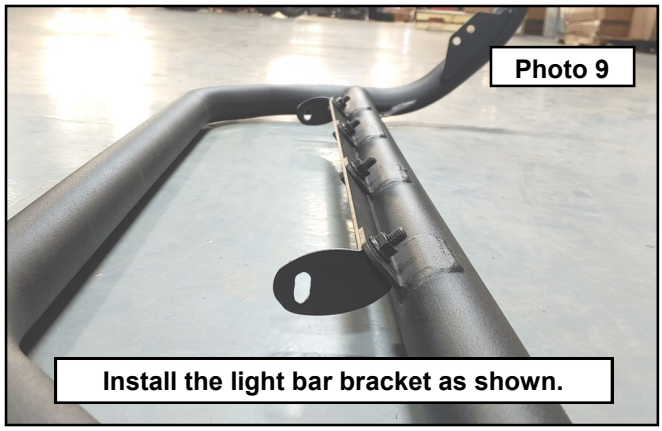
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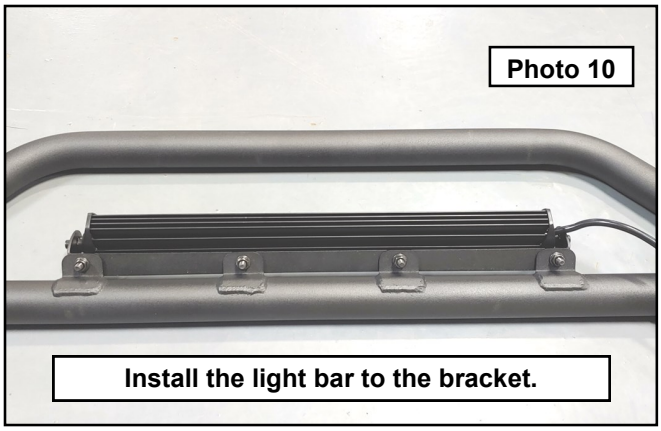
11. Install lights of choice onto the bull bar using the hardware provided with the light kits. If you are using the 20” light bar, you will need to install the light bar mount to the bull bar using the provided 8mm bolts, washers, and flange nuts. Photo 7 / 8



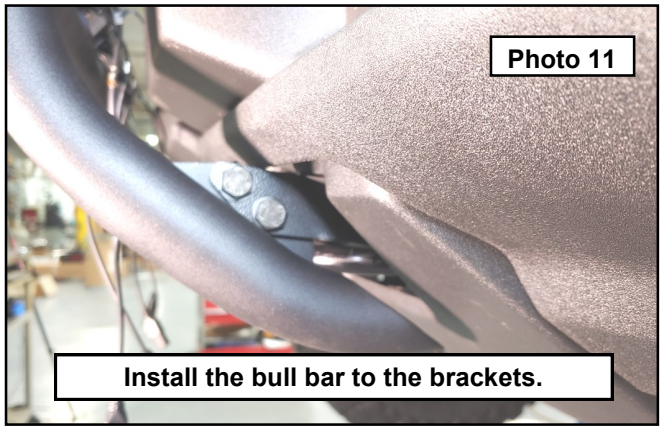


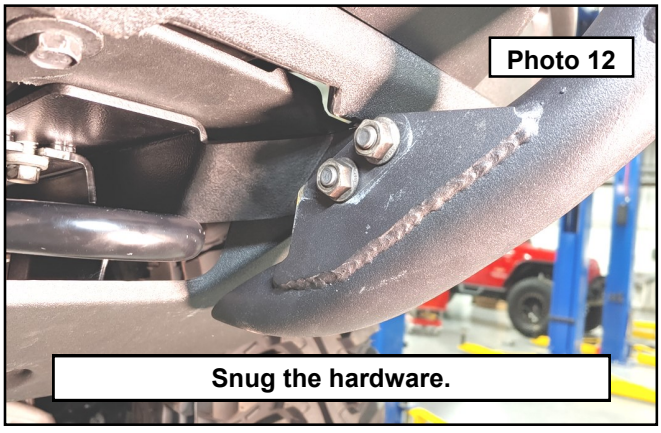
12. Lay the bull bar on its face and install the bracket as shown. Photo 9
13. Install the light bar using the hardware provided in the light kit. If you are using the 20” non DRL light bar, you may need to use the provided spacers and longer hardware included with the light bar. Snug up the light hardware for the light option you have chosen. Photo 10





14. Use of an assistant will aid in the next step as the install can be awkward to hold while trying to line up the holes for hardware. Install the bull bar to the brackets making sure the brackets are on the outside of the bull bar mount. Install using the provided 10mm bolts, washers, and flange nuts. Snug this hardware, but do not fully tighten. Photo 11 / 12





15. With the bull bar in place, torque the tow hook hardware while holding the bull bar in place to 45 ft-lbs. Straighten the bull bar to your liking and tighten the bull bar hardware. Torque to 35 ft-lbs. Reinstall the remaining gravel guard bolts and fully tighten. Run the wiring to suit and reconnect the battery negative terminal.



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.

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