TRAIL FORTRESS

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Rough Country 51102 Installation Instructions

OE Bumper Nudge Bar with Cool White DRL LED Bar for Bronco

Part number: 51102

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Scan for fitment, price and install help

ROUGH COUNTRY
SUSPENSION SYSTEMS®

2021 Bronco Nudge Bar w Modular 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.

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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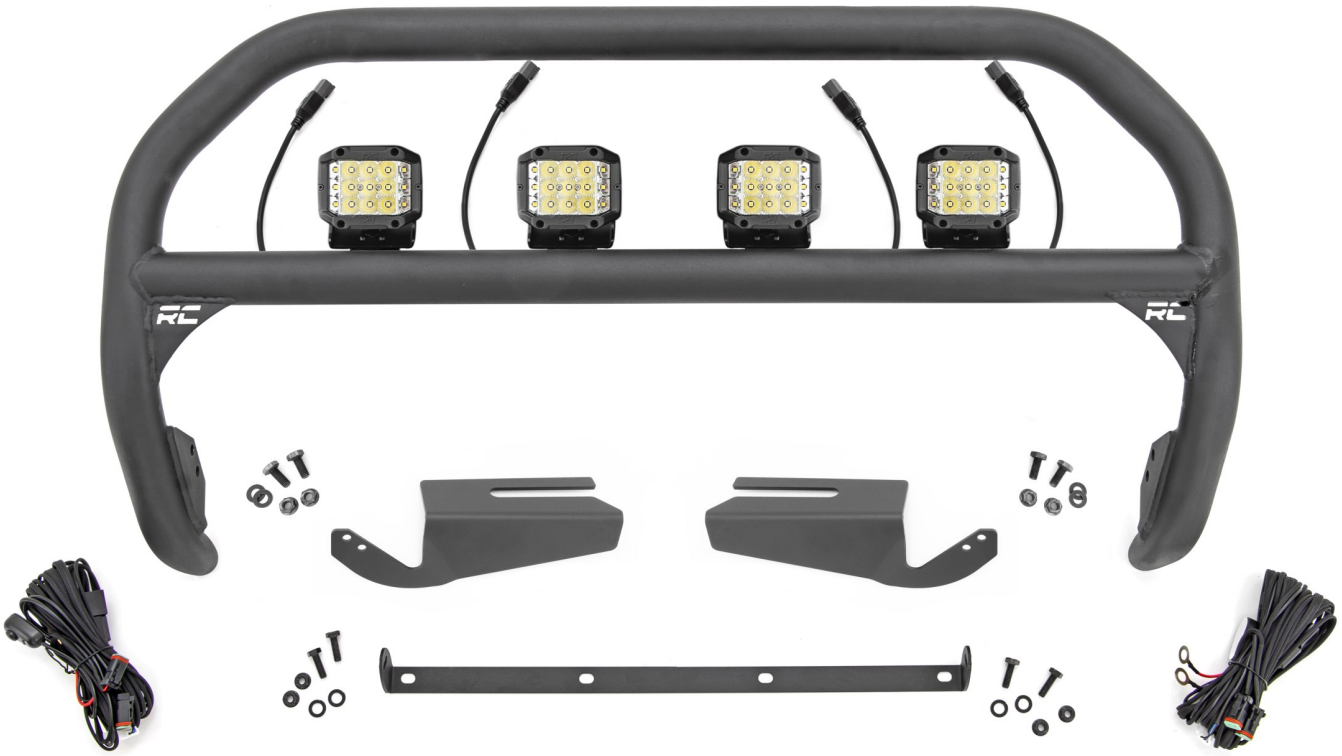
2021 Bronco Nudge Bar w Modular Bumper

TOOLS NEEDED:
Metal cutting tool
Marker
Tape
Sander
Paint

Metric Wrench/Socket
15mm
17mm

KIT CONTENTS:
Nudge Bar
20” Light Bar Bracket
Driver Mount
Passenger Mount

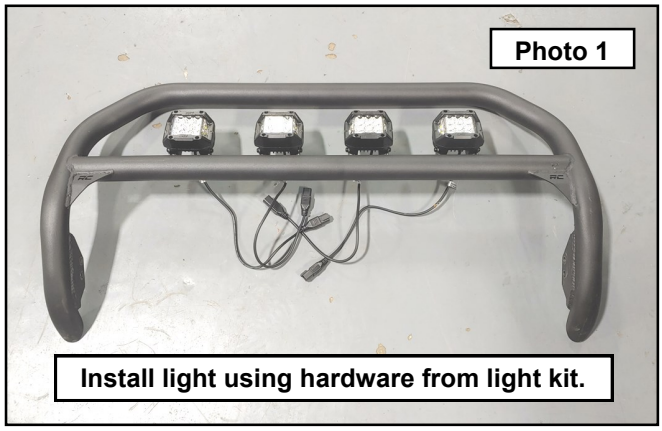
HARDWARE INCLUDED:
10mm Bolt (4)
10mm Washer (4)
10mm Flange Nut (4)
8mm Bolt (4)
8mm Washer (4)
8mm Flange Nut (4)

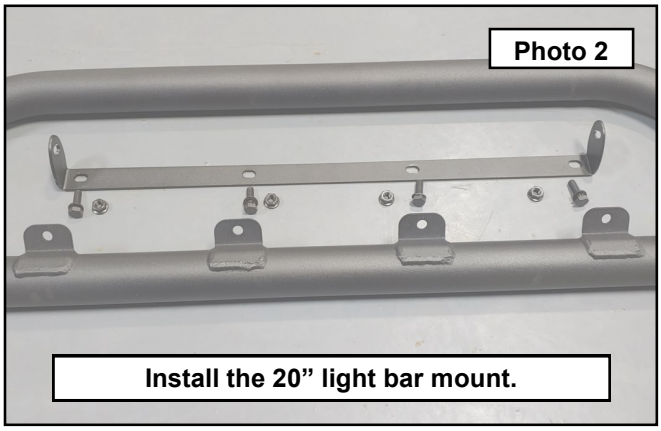


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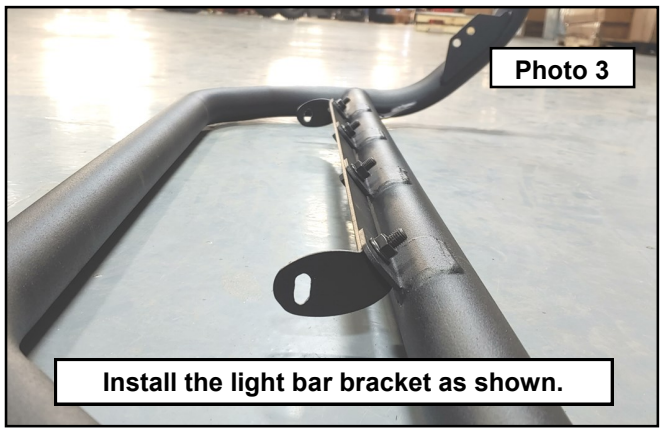
Nudge Bar Installation

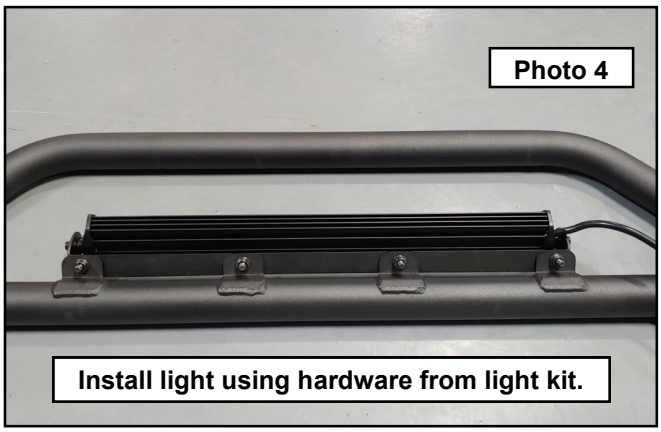
1. Park your vehicle on a clean flat surface, engage the parking brake and block the rear tires.
2. **Save all hardware removed from the vehicle unless otherwise noted.**
3. Open the hood and disconnect the negative terminal on the battery.
4. Install lights of choice onto the bull bar using the hardware 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 1 / 2**



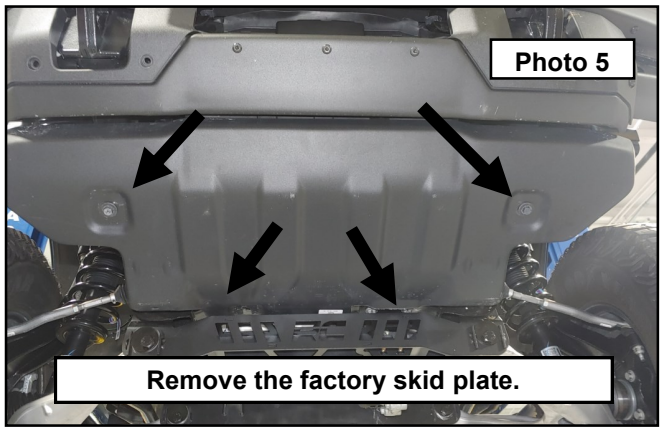


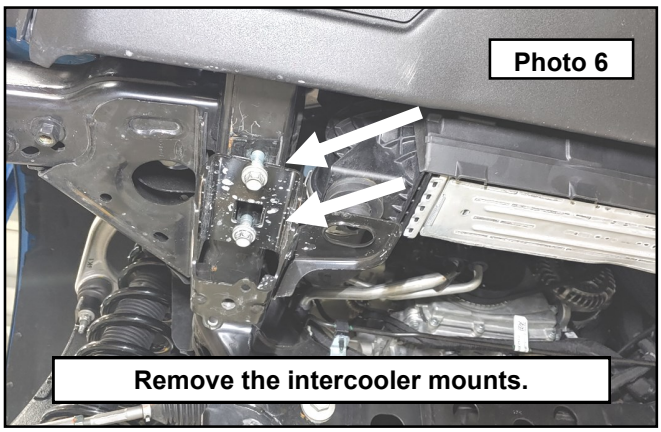
5. Lay the bull bar on its face and install the bracket as shown. **Photo 3**
6. Install the light bar using the hardware provided in the light kit. If you are using the 20” non DRL light bar, you will need to use the provided spacers and longer hardware included with the light bar. Snug up the light hardware for the light option you have chosen. **Photo 4**





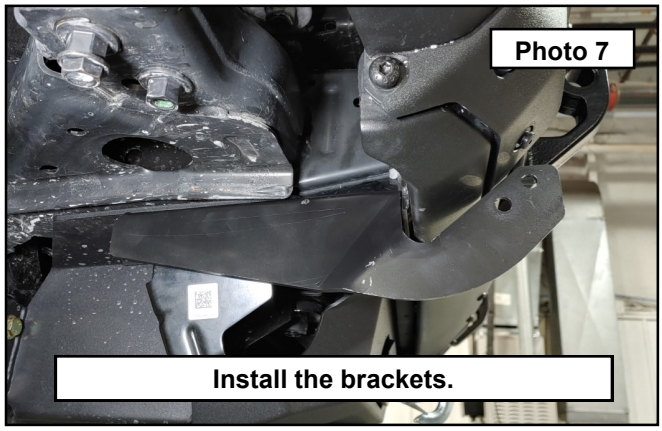
7. Remove the factory skid plate front bolts using a 15mm socket. Only loosen the rearmost bolts enough to slide the skid plate forward off the mounts. **Photo 5**
8. Remove the factory intercooler mount using a 15mm socket. Work on one side at a time to support the intercooler. **Photo 6**

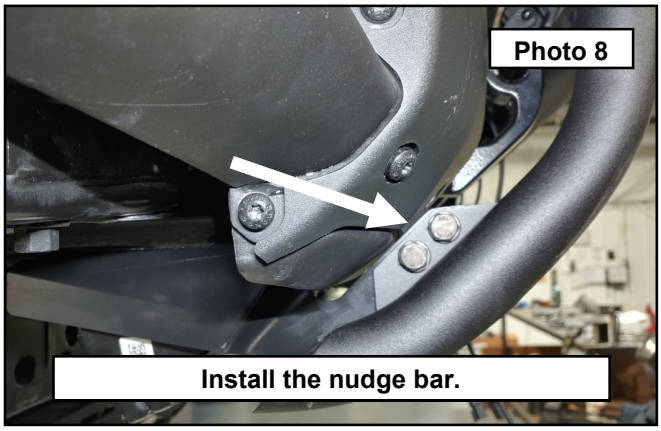




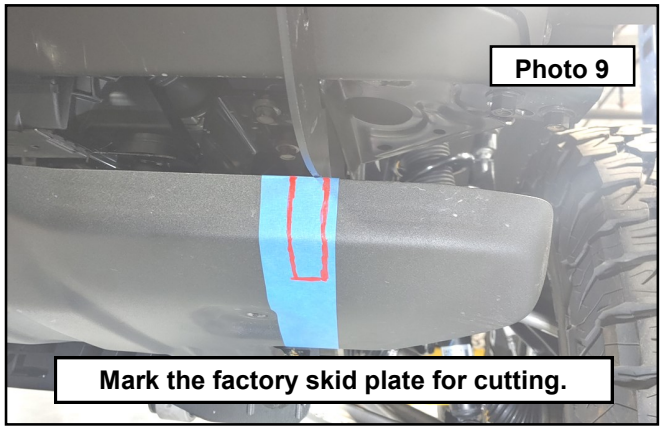
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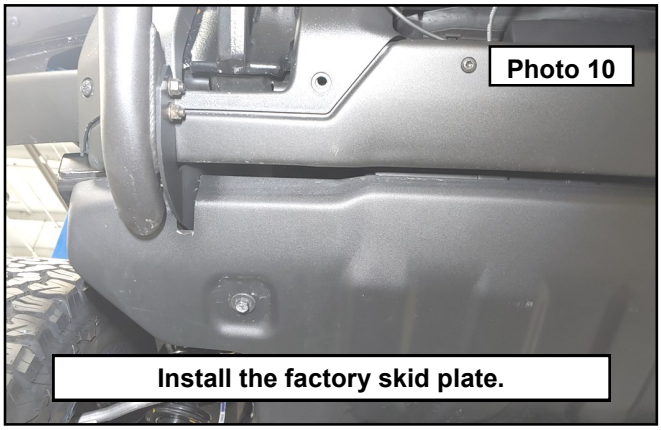
9. Install the Rough Country bracket between the intercooler mount and frame using the stock hardware. Pull the mount as far forward as possible and snug the hardware up. Do not fully tighten at this time. Repeat the process for the opposite side. Passenger side shown. **Photo 7**
10. Install the nudge bar to the brackets using the provided 10mm bolts, washers and flange nuts. The nudge bar will sit to the outside of the mounting brackets on both sides. Center and set the angle of the nudge bar to suit, torque all the mounting hardware to 35ft-lbs. **Photo 8**





11. Slide the stock skid plate onto the rearmost bolts and hold in place. Mark the area of the skid plate where the brackets will make contact about 1/4” to either side of the bracket. Mark straight down past the bend about 1/2”. Use a suitable cutting tool to remove the marked area. Sand any burrs and paint the exposed metal with a quality rust preventative paint. Remove the rearmost skid plate hardware now as you will need the room to remount the skid plate. Reinstall the skid plate to all the frame mounts using the stock hardware. Torque all to 35 ft-lbs. Run the electrical to suit. Reconnect the battery at the negative terminal. **Photo 9 / 10**





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