



INSTALLATION GUIDE

2021+ Ford Bronco Skid Plate, Rear Shock Pair

SKU: BNSD-BR-21RS

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RESOURCES & CONTACT

-  **CALL 1-877-GOMISHI**
CUSTOMER SERVICE HOURS: MON-FRI 8:30AM-5:00PM EST
-  **MISHIMOTO**
-  **GOMISHIMOTO**
-  **MISHIMOTO**
-  **WEBSITE**
WWW.MISHIMOTO.COM
-  **ENGINEERING BLOG**
WWW.MISHIMOTO.COM/ENGINEERING

IMPORTANT SAFETY INFORMATION

- › Mishimoto recommends you use safety glasses and protective gloves during the installation of our products
- › Raise vehicle only on jack stands or on a vehicle lift
- › Allow vehicle to cool completely prior to attempting installation
- › Do not run the engine or drive the vehicle while overheating; serious damage can occur
- › Please dispose of any liquids properly
- › Mishimoto is not responsible for any vehicle damage or personal injury due to installation errors, misuse, or removal of Mishimoto products
- › If you need any assistance while installing our products, reach out to our Customer Service Team at 1-877-GOMISHI

SUPPLIED PARTS

- (1) DRIVER SIDE SKID PLATE
- (1) PASSENGER SIDE SKID PLATE
- (4) M10 HEX HEAD BOLTS
- (4) FLAT WASHERS
- (2) BAR NUTS

REQUIRED TOOLS

- LARGE C-CLAMP
- BREAKER BAR AND/OR STEEL TUBE FOR EXTRA LEVERAGE
- SOCKET DRIVER
- 27MM SOCKET
- 16MM SOCKET
- 1/2" TORQUE WRENCH
- 3/8" TORQUE WRENCH
- SAFETY GLASSES OR GOGGLES
- JACK STANDS
- JACK

- OPTIONAL**
- 3/4" DRIVE TORQUE WRENCH
 - 27MM SOCKET (3/4" DRIVE)
 - PAINT PEN OR MARKER

INSTALLATION INSTRUCTIONS

01. Safely raise the rear of the vehicle and support with jack stands.

WARNING: Never work under a vehicle that is only supported by a jack. Clamp the flanges of the driver side rear shock mount to prevent them from separating when the bolt is removed. Safety glasses must be worn to avoid injury as the flanges will be under tension and if the clamp slips off it may be hurled off the vehicle.



02. Using a 27mm socket loosen the driver side lower strut mounting bolt and remove the nut. A long breaker bar may be needed to get this bolt loose. The factory service manual recommends replacing this bolt and nut with a new bolt and nut when reinstalling.



03. Install the skid plate onto the lower strut mount. The tab on the skid plate with the full hole will go onto the end of the strut mounting bolt as shown in the photo below. The "BORNE OFF-ROAD" logo faces the rear of the vehicle. (Image on next page)

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04. Install (2) supplied M10 bolts, (2) supplied flat washers, & (1) supplied bar nut as shown in the photo below. Tighten each bolt to 25 lb-ft (34 Nm).



05. Loosely install the lower strut mount nut onto the end of the lower strut mount bolt then remove the clamp from the flanges. Do not fully tighten the lower strut mount bolt at this point.



06. Repeat steps 1 to 5 for the passenger side.

07. Once both skid plates are installed and the lower strut mounting bolts and nuts are loosely tightened lower the vehicle back onto the ground. When tightening suspension components with bushings they should always be tightened when they are loaded with the full weight of the vehicle. Using a 27mm socket tighten each lower strut mount bolt to the factory torque of 350 lb-ft.



NOTE: If you do not have a torque wrench that reaches 350 lb-ft, tighten the bolt to 150 lb-ft and mark it as shown in the photo below. Then, tighten the bolt an additional half turn (180°).



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Before:



After:



Congratulations! You have completed your installation.

DISPOSAL INSTRUCTIONS

- › Do not dispose of any product as unsorted municipal waste. Use separate collection facilities. Contact your local authority for information regarding the collection systems available.
- › Never improperly dispose of any coolant, oil, or other chemicals.

WARRANTY INFORMATION



- › All claims must be accompanied with a picture of the Mishimoto product showing the issue for which the claim is being submitted.
- › Mishimoto asks that the customer inspect their purchased item for any damage immediately upon arrival.
- › Any product deemed dead on arrival (DOA) must be claimed within 14 business days of delivery. Claims outside of this time frame will not be covered under the Mishimoto Lifetime Warranty.
- › This warranty does not include payment and/or reimbursement of the cost of labor in connection with the removal of any product returned pursuant to the warranty policy or in connection with the installation of any replacement items provided under the warranty policy.
- › Mishimoto has the right to refuse a claim at any time.

- › When Mishimoto accepts a claim, Mishimoto retains full discretion to choose if it will: (i) repair or replace purchaser's original Mishimoto product; (ii) replace purchaser's original Mishimoto product with the most current available model; or (iii) provide the purchaser with a gift card redeemable on [Mishimoto.com](https://www.mishimoto.com) in the amount of the original purchase price of the original Mishimoto product. The provision of a replacement of a Mishimoto product is subject to availability and Mishimoto retains the right to substitute any warranty claim item with a comparable item or credit at any time.
- › If Mishimoto determines that it will provide a replacement item in connection with a claim under this warranty policy, and such item is out of stock, Mishimoto will place the customer on backorder and ship the replacement product to the purchaser once it becomes available.
- › Mishimoto is not liable for incorrect shipments in connection with a claim if a claim form is completed incorrectly, or if a model number is not included in a claim.
- › If you have a vehicle equipped with an automatic transmission, please make sure to specify this within the text box on the claim form. Mishimoto is not responsible for incorrect replacement shipments if transmission type is not indicated.



WARNING
Cancer and
Reproductive Harm
www.P65Warnings.ca.gov

This product can expose you to chemicals which are known to the state of California to cause cancer. For more information visit: www.p65warnings.ca.gov