



INSTALLATION INSTRUCTIONS

Product: Rear Lower Strut Mount Skid Plate Kit
Part Number: JKS8309

Applications: 2021 Ford Bronco

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Welcome

CONGRATULATIONS on purchasing this rear lower strut mount skid plate kit from JKS Manufacturing. We are committed to providing you with the best products available and your satisfaction is our first priority.

PLEASE READ these Installation Instructions carefully, and save them for future reference, as they contain important installation and maintenance information.

Important

Designed to be used with models of the Bronco which use the black Hitachi struts or those who upgrade to coilovers. WILL NOT FIT models with the yellow Billstein struts found on Badlands, Wildtrak, First Edition and Sasquatch packages. If your Bronco has the Billstein struts reference kit JKS8308

Tools Required

- Hydraulic Floor Jack and Jack Stands
- 27mm Metric Socket
- 30mm Metric Socket & Wrench
- 9/16" Socket & Wrench
- Recipricating Saw or Cutoff Wheel
- Rivet Tool
- Torque Wrench

Parts

	Description	QTY
A	Strut Mount Skid Plate - DRV (07005)	1
B	Strut Mount Skid Plate - PASS (07006)	1
C	Mounting Bolt Pack (J168)	1
D	Badge Rivet Bolt Pack (887)	1
E	JKS Badge (03280)	2

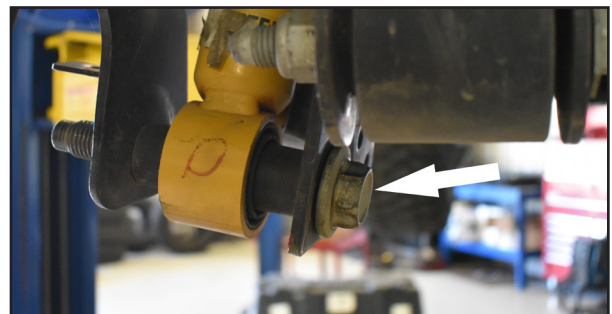
Installation Instructions

1. DISSASSEMBLY

- Park vehicle on clean, flat, and level surface. Block the front wheels from moving.
- Raise the rear of the vehicle and place jack stands under the frame rails. Lower the vehicle onto the jack stands. Be sure to have your stands high enough that the axle is at full droop (tires off the ground).

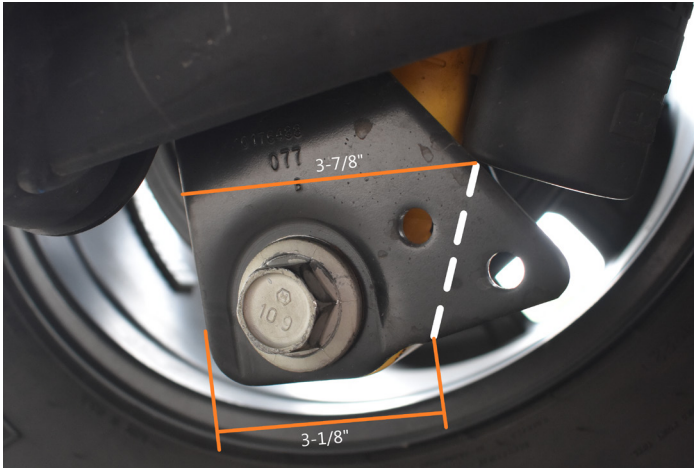
NOTE: *It is important that the strut is not being compressed at all to allow you to remove the lower bolt safely.*

- Remove the rear wheels / tires from the vehicle.
- Working on one side at a time, use a 27mm socket to remove the lower strut mounting bolt. Discard this bolt and nut.



2. INSTALLATION

- Once the factory bolt is out you will need to cut part of the bracket tab towards the center of the vehicle. Start your cut 3-1/8" from the rear face of the mount and cut up at a forward angle between the two 3/8" holes to a point 3-7/8" from the rear face as shown below.



- Once you have trimmed the factory bracket apply some paint to the cut surface to prevent corrosion.
- With the mounting bolt removed the strut will pull towards the rear of the vehicle. You will need to have a friend help hold the strut forward to keep the holes lined up while installing your skid plate.

NOTE: If you are doing this install by yourself you can hook a strap to one of the lower windings of the coil spring and the frame to pull it forward and get the holes aligned while installing.



- While the strut is held forward for the hole to align, slide the skid plate over the mounting bracket and install 2 of the provided M20 washers from bolt pack J168 (one on each side) between the skid plate and factory bracket as shown below.



- Once the skid plate is in place install the provided M20 x 160 bolt washers, and nylock nut (Bolt pack J168) in the lower strut mount with the head of the bolt towards the center of the vehicle. DO NOT tighten at this time.
- After the main bolt is in, locate your 3/8" bolt, nut, and washers. Swivel your skid plate until the small hole on the inside face lines up with the factory hole on the factory bracket. Install the provided 3/8" bolt, washers and nut as shown below. Torque to 30 ft-lbs.



- Using the JKS badges and the supplied rivets in bolt pack 887 install the JKS badges on the rear of your skid plates as shown below.



- Repeat installation process on opposite side of vehicle.
- Once both skid plates have been installed install wheels and torque lug nuts to 100 ft-lbs.
- After the vehicle is on the ground, then use a 30mm socket and wrench to torque the main mounting bolts to 350 ft-lbs.

Maintenance

Recheck hardware after 500 miles.

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