



## Bronco 4 Door Skid Plate Kit Installation Instructions

Thank you for purchasing this product!

### Installation Notes:

- This kit is designed to fit a 2021-Current Bronco 4 Door
- This kit will not fit a Bronco Sport or Bronco Raptor
- Refer to the factory service manual for removal of any factory components
- The skids will need to be painted or powder coating prior to installation test fitting is recommended before painting
- Some Hardware is stainless steel to prevent corrosion. Stainless hardware will need installed by hand with anti-seize to prevent galling.
- We recommend doing the install when you have an almost empty fuel tank
- Leave all hardware loose until the final step

### Tools required:

- Various hand tools
- 2 Ratchet Straps
- Ant-seize
- Jack

## Contents of kit

| Bill Of Materials for B4WK12813 |                    |  |
|---------------------------------|--------------------|--|
| QTY                             | Part Number        | Description                                |
| 1                               | B4W188A17W         | Bronco Front Differential Skid Welded      |
| 1                               | B4WK12808          | Bronco Transmission Skid Assembly          |
| 1                               | B4W188A21W         | Bronco Transfer Case Skid Welded           |
| 1                               | B4WK12809          | Bronco 4 Door Fuel Tank Skid Assembly      |
| 2                               | B4WK12810          | Bronco Transfer Case Skid Bracket Assembly |
| 1                               | B4WK12811W         | Bronco Fuel Tank Skid Rear Bracket Welded  |
| 2                               | .100C350BHF0Y/6921 | M10-1.5 x 35mm Hex Flange Bolt Yellow Zinc |
| 8                               | .100C400KFC/A27991 | M10-1.5X40 Flat Socket Cap Screw Stainless |
| 1                               | .100CNNE0Z/985-10  | M10 X 1.5 Nylock Nut                       |
| 1                               | .120C400KFC/A27991 | M12-1.75X40 Flat Socket Cap Screw          |
| 2                               | .120CNNE0Z/985     | M12-1.75 Nylon Insert Lock Nut             |
| 2                               | .120F400HCSIP/961  | M12-1.5X40 Hex Bolt                        |
| 5                               | .120NWSF0Z/HV200   | M12 Flat Washer 10.9                       |
| 2                               | 37C100HCS8Y        | 3/8"-16X1" Hex Head Grade 8                |
| 2                               | 37CNNE0Y/GC        | 3/8-16 Nylock Yellow                       |
| 4                               | 37NWSAFY           | 3/8 SAE Washer Yellow Zinc                 |
| 1                               | 50C100HCS8Y        | 1/2-13 X 1 Hex Cap Screw Gr 8 Yellow Zinc  |
| 2                               | 50C150HCS8Y        | 1/2"-13 X 1-1/2" Hex Head Bolt Yellow      |
| 2                               | 50CNNE0Y/GC        | 1/2"-13 Nylon Lock Nut                     |
| 5                               | 50NWSAFY           | 1/2" SAE Flat Washer Yellow Zinc           |
| 2                               | AV11631            | Clip Nut M10-1.5 19MM from edge            |

### Step 1:

Park the bronco on a level surface and remove any factory skids that may be installed except for the fuel tank skid, retain all hardware some will be reused.

### Step 2:

Support the fuel tank using 2 ratchet straps in between the tank and skid to the frame as shown below. Remove either the fuel tank skid or the fuel tank straps depending on which is installed.



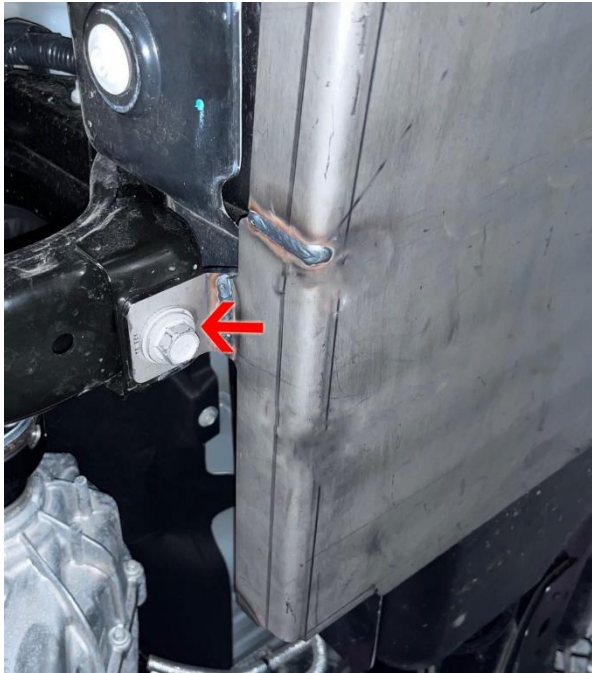
### Step 3:

Install the rear fuel tank skid bracket as shown below with factory hardware. Leave the hardware loose.



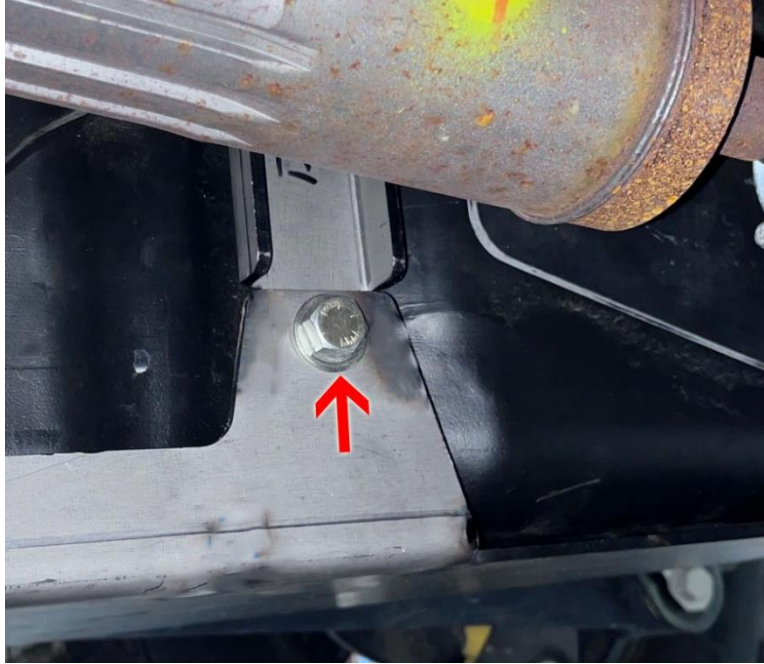
## Step 4:

Jack the fuel tank skid into place and install the factory hardware into the frame. If your Bronco did not have factory skids you will need to use one provided M12X40 Bolt and washer. Remove the ratchet straps installed in step 2.



### Step 5:

Install the provided ½" by 1" bolt and washer in the mounting bracket installed in step 3



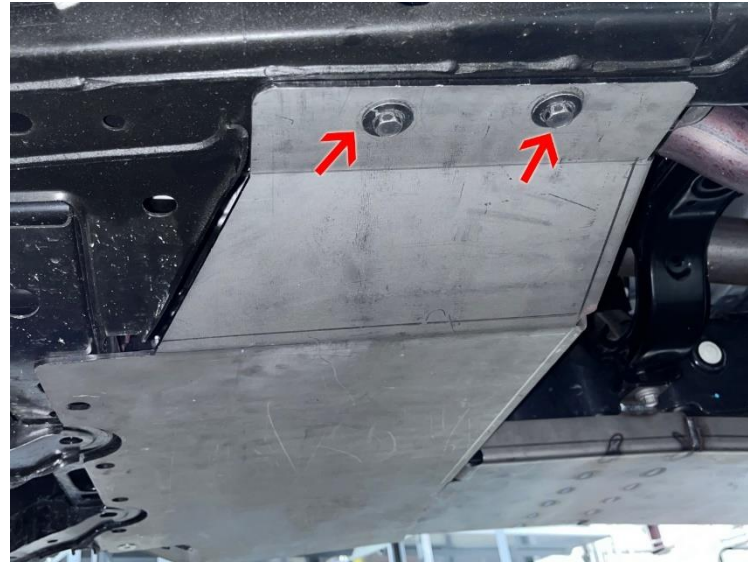
### Step 6:

If your Bronco was not equipped with a transfer case skid you will need to install the 2 supplied clip nuts into the bottom of the frame as shown below.



## Step 7:

Jack the transfer case skid into place, and install the factory hardware and supplied hardware as shown below. If your Bronco did not have factory skids you will need to use one M12X40 bolt and washer and 2 M10x35 bolts provided with the kit.



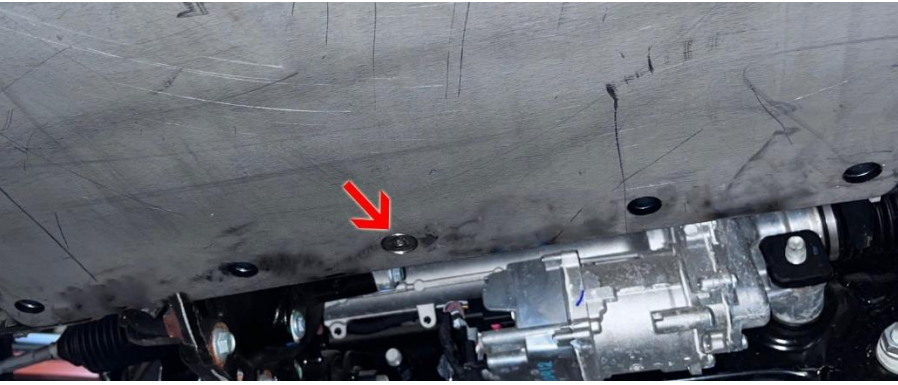
## Step 8:

Install the transfer case skid support brackets to the frame using provided M12 Nut and washer. Install the 2 supplied 1/2" by 1.5" bolt, washer, and nuts through the bracket, transfer case skid and fuel tank skid.



## Step 9:

Jack the transmission skid into place and install the supplied M10 hardware into the crossmembers through counter sunk holes. The hole closest to the passenger side will need to have a M12 washer and M10 nut installed through the top of the crossmember. Install the supplied 3/8" hardware into the frame on each side.



## Step 10:

Jack the engine skid into place, and install the supplied M10 hardware into the counter sunk holes.



## **Step 11:**

Reinstall the factory front skid plate on the bronco.

## **Step 12:**

Tighten all hardware.

# **Congratulations! You Have finished the installation of the Barnes4wd Bronco 4 Door Skid Plate Kit**

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