



Bronco A Arm Pivot Gussets Installation Instructions

Thank you for purchasing our Bronco A Arm Pivot Gussets!

Installation Notes:

- These gussets are designed to fit a 2021-Current Bronco
- These gussets will not work on a Bronco Sport
- Please refer to the factory service manual for removal of any factory components
- The installation of this product does require welding

Tools required:

- Ratchet
- 18MM Socket
- 24MM Socket
- 21MM Wrench
- Welder
- Grinder
- Torque Wrench

Contents of box

Bill Of Materials for B4WK12734			
QTY	Part Number	Etch Number	Description
4	B4W125127	127	Bronco Front LCA Bracket Reinforcement Plate
2	B4W125128	128	Bronco Front LCA Bracket Reinforcement Plate Rear Front
2	B4W125129	129	Bronco Front LCA Bracket Reinforcement Plate Rear

Step 1:

Park the Bronco on a level surface and jack up the front of the vehicle. Safely support the vehicle with a jack stand.

Step 2:

Mark the location of each alignment pin on the cam plates as shown below. Make note of which plate goes where because they will need to be installed in the same location during reassembly.



Step 3:

Remove the lower control arm bolts. To fully remove the rear bolts the sway bar will have to be removed from the frame.

Step 4:

Place the gussets on to the lower control arm brackets and mark the locations where the gussets will weld to the brackets. Remove the factory paint in these locations.

Step 5:

Place the gussets onto the brackets and fully weld them to the brackets making sure the alignment pins and bolt slot is lined up.



Step 6:

Grind the plug weld slots down smooth so they do not interfere with the cam plate.

Step 7:

Reinstall the cam bolts and cam plates back into the factory locations. Align the marks made in step 2 to the alignment pins and tighten the hardware to factory torque specifications.

Step 8:

Reinstall the sway bar and tighten to factory torque specifications.

**Congratulations! You Have finished the installation of the Barnes4wd
Bronco Front A Arm Pivot Gussets.**

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