



21+ Bronco Billet Rear Lower Control Arm Kit

514ADS

Included hardware:

QTY	DESCRIPTION	PART NUMBER
1	21+ BRONCO TUBULAR LCA LHS	721R72A
1	21+ BRONCO TUBULAR LCA RHS	721R73A
2	REAR BUSHING STEEL INSERT	724R31
4	21+ BRONCO REAR CONTROL ARM POLY BUSHING	724R32
2	1.25" JAM NUT	724R34
2	1.25" HEIM JOINT	724R33
4	1.25" MISALIGNMENT BUSHING	724R30
1	POLYURETHANE BUSHING GREASE 1 OZ PACKET	270R54
2	ADS STICKER	99R10671Y
1	INSTRUCTIONS	

ADS recommends that all suspension components be installed by a qualified professional.

Control Arm Assembly Instructions:

1. Before beginning, secure the vehicle chassis on jack stands, allowing the rear axle to droop. Never work on a vehicle that is not correctly supported. To prevent axle from shifting, install 1 control arm at a time. (figure 1)



Figure 1

2. Loosely assembly the heim joint, jam nut
3. Press each polyurethane bushing half into the control arm. **Do not coat the OD of bushing or ID of control arm with grease. Bushings are designed to be pressed in dry.**
4. Coat the steel bushing insert, and press it into the bushing assembly (figure 2)



Figure 2

5. Adjust the heim joint to the desired length. **Factory lower control arm length is 25.75" center to center of the bushing holes. Unless instructed to do so by lift kit manufacturer, it is recommended to use this length as a starting point.**
6. Torque heim joint jam nut to **125ft/lb** .
7. Install heim joint misalignment spacers as shown (figure 3)

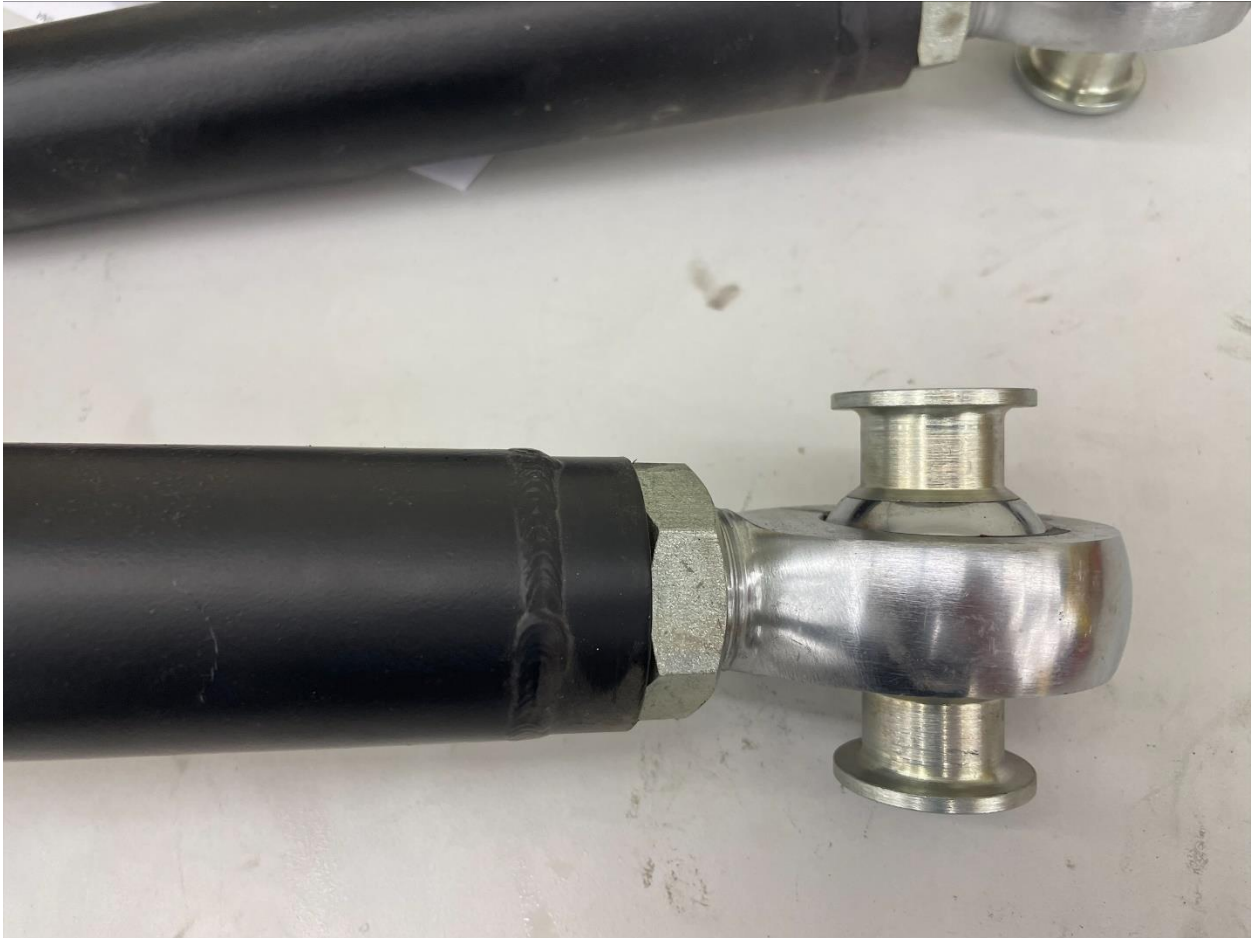


Figure 3

8. Lower fuel tank per manufacturer's recommended procedure to gain access to, and remove, pivot bolt cover.
9. Remove stock passenger side lower control arm.
10. Install ADS tubular Lower Control arm. Torque heim joint pivot bolt to **159ft/lbs**, leave the polyurethane bushing pivot bolt hand tight at this time.
11. Re-install fuel tank.
12. Repeat steps 1-9 for driver's side.
13. Lower vehicle onto ground and allow suspension to settle.
14. Torque both polyurethane bushing side pivot bolts to **159ft/lbs**.
15. Check all fasteners after 50 miles.

Technical Support: 1-866-464-6553

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