



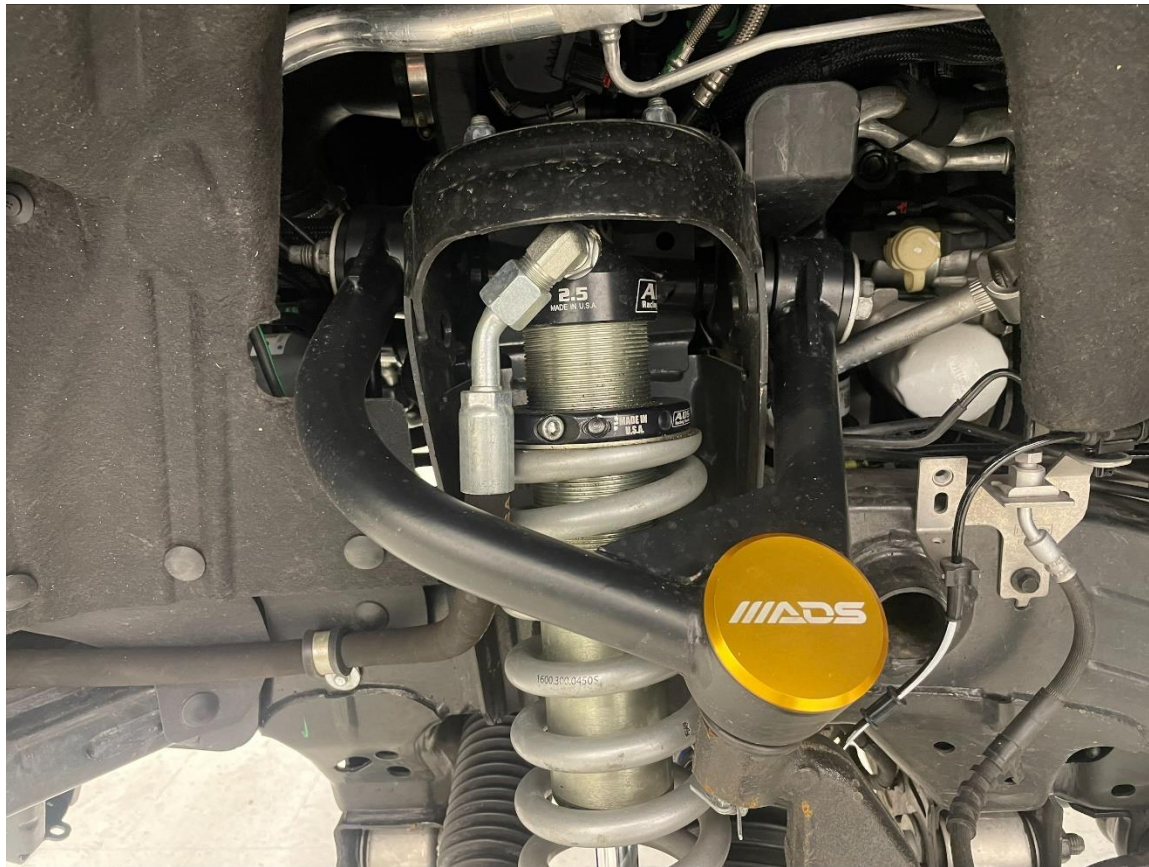
21+ Bronco Tubular Front Upper Control Arm Kit

512ADS

Included hardware:

QTY	DESCRIPTION	PART NUMBER
1	21+ BRONCO TUBULAR UCA ASM LHS	721R66A
1	21+ BRONCO TUBULAR UCA ASM RHS	721R67A
4	STEEL ACETAL BUSHING INSERT	724R29
4	ADS GOLD BALLJOINT CAP	721R68
1	BALLJOINT CAP ORING	721R70
2	ADS STICKER	99R10671Y
1	INSTRUCTIONS	

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



INSTALLATION INSTRUCTIONS:

1. Before beginning, raise the front tires off the ground with the frame of the vehicle on jack stands. Remove the front tire (**Figure 1**)



Figure 1

2. Remove push-pin near rear of fender liner, allowing the liner to be pulled back (**Figure 2**).



Figure 2

3. Remove the steering shaft bolt with a 10mm wrench. Take care to not allow the steering wheel to rotate after removal. Then, disconnect the steering shaft (**Figure 3**)



Figure 3

4. Remove the stock upper ball joint nut. Remove the upper ball joint from the spindle.

5. Loosen and remove the cross bolt securing the stock control arm to the frame (**Figure 4**).



Figure 4

6. Install the steel sleeves into the control arm as shown (**Figure 5**). Note that the Acetal bushings are meant to be installed dry.



Figure 5

7. Slide the control arm and sleeve assembly in to the chassis. It is easiest to position the assembly above the chassis, and then slide it downward into position. Reinstall the cross bolt, but do not torque it at this time (**Figure 6**).



Figure 6

8. Install ball joint stud into spindle. Note that the ball joint may be hard to articulate when brand new. This is normal and will wear in after a few miles.
9. Install the ball joint castle nut. Torque to factory spec and install cotter pin.
10. Reinstall the steering shaft and steering shaft bolt. Torque to factory spec. Replace the push-pin in the wheel liner.
11. Reinstall the wheel, and lower the Bronco onto the ground. With the suspension supporting the weight of the vehicle, torque the upper control arm cross bolt **122 ft./lbs.**
12. Install the O-ring on the ball joint dust cap, as shown (**Figure 7**).



Figure 7

13. Lightly press the dust cap into the control arm.

14. After installation, the vehicle will need a professional alignment. Target the following values:

Caster	+4.0°
Camber	+0.0°

Toll Free Technical Service: 1-866-464-6553

For online help, please refer to the Technical Information section of our website:

www.holley.com

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