



2021+ Bronco Billet Uniball Upper Control Arm Kit 530ADS

INCLUDED HARDWARE:

QTY	DESCRIPTION	PART NUMBER
1	21+ BRONCO BILLET UPPER CONTROL ARM ASM LHS	721R60A
1	21+ BRONCO BILLET UPPER CONTROL ARM ASM RHS	721R61A
2	UPPER UNIBALL SPACER	721R59
2	LOWER, TAPERED UNIBALL SPACER	721R58
2	M14 x 110mm SHCS	5R2948
2	M14 8.8 WASHER	46R1613
2	M14 LOCK NUT	39R591
2	UNIBALL CAP	721R64
2	UNIBALL CAP O-RING	721R65
1	ADS STICKER	99R10671Y
1	INSTRUCTIONS	199R12514



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 the upper and lower spacer into the uniball. Note that when new, the uniball will be very stiff to articulate—this is by design and is normal. Place a socket extension, or small pry bar into the lower spacer and gently pivot the uniball until the lower spacer aligns with the spindle as shown (**Figure 7**).



Figure 7

9. Install the M14 bolt through the uniball and spindle. Torque to 80 ft./lbs.
10. Reinstall the steering shaft and steering shaft bolt. Torque to 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 uniball dust cap, as shown (**Figure 8**).



Figure 8

13. Lightly press the dust cap into the control arm, as shown (**Figure 9**).



Figure 9

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

Technical Service: 1-270-781-9741

For online help, please refer to the Technical Information section of our website: www.holley.com

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