Ford Bronco 2021 - Current Version 1.0AJS Billet Upper Control Arms (UCA)

These instructions are for a 2021 Ford Bronco 2.7L & 2.3L engines, equipped with or without the Sasquatch Package.

Outline of Install

1. Preparing Vehicle for Installation
2. Driver Side
3. Passenger Side
4. Post Installation

Additional Points

- Professional installation is suggested.
- Its recommended to read the instructions thoroughly before performing any work.
- Park the vehicle on flat level ground, set the emergency brake, and disconnect the negative battery terminal.
- Use of spacers or aftermarket rims with +0 offset is our recommended spacing for vehicle clearance
- Vehicles without sasquatch packages or upgraded coilovers may need to use spacers for clearance.
- Estimated time of install is 1.0 hours
- Vehicle requires an alignment after installation



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Section 1: Preparing Vehicle for installation

1. Park vehicle on a flat surface, and block the rear tires for safety.
2. Raise the front of the vehicle, and support the vehicle as advised by Ford manuals.
3. Remove front wheels.
4. Assemble UCA's as shown:
    a. Rear heim should have about 1 thread showing, and the front should have about 3 threads showing.
    b. Inner junctions have the larger spacer
    c. Be sure to use anti-seize to all: Spacer to Heim & Uniball alignment spacer connections, and the smooth portion of the Uniball bolt



Drivers Side Assembly

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Section 2: Drivers Side

Optional: Remove fender liner & hardware for ease of installation.

1. Remove steering linkage (10mm).
    Note: be sure to secure the steering wheel to prevent any damage to the clock spring.





2. Support lower control arm or knuckle assembly with a jack stand to prevent overextension of any sensors & brake lines.
3. Remove upper ball joint nut (18mm). Separate the joint from the steering knuckle.



4. Remove upper arm bolt (24mm & 21mm)



5. Install new UCA to bucket/frame using long OEM bolt (122 ft-lbs). 6. Install knuckle bolt with supplied hardware 160 ft-lbs.
Note: longer Uniball alignment spacer goes on the bottom and fits into stock spindle. Top alignment spacer should allow the bolt to sit recessed into spacer.



7. Install UCA dust cap (7/64th Allen)
8. Reinstall fender liner if removed
9. Procced to passenger side.

Section 3: Passenger Side

1. Same as above omit step 1.

Section 4: Post Installation

- Check for clearance on all components
- Recheck all hardware for fitment and torque
- **Professionally align the vehicle to stock alignment specifications**
- Recheck all hardware and check torque after 500 miles
- Adjust headlights or other related components as necessary.