



159 North Maple St. Unit J, CORONA CA 92880  
P. 951-737-9682 F. 951-737-9006  
WWW.CHAOSFAB.COM

## **#81500 2009+ DODGE RAM 1500 4WD UCA'S**

Place the vehicle securely on jack stands. Make sure the front wheels are not contacting the ground. Chock both rear wheels of the vehicle to secure it from rolling back. Proceed to remove the front wheels and tires.

**The factory manual is recommended for removal and re-installation of all factory components.**

**Before you start disassembly-** Make sure the vehicle is secure and ready to work on.

**STEP 1:** Remove the abs wire from the clip on the factory upper control arm.

**STEP 2:** Remove upper ball joint nut and separate from spindle.

**STEP 3:** Remove upper arm pivot bolts and slide upper arm out.

**Installation is the opposite of removal.**

**STEP 4:** Press the new poly bushings into to UCA's pivots. Lube the ID of the bushings with a good synthetic grease, preferably one that contains PTFE (TC suggests Superlube). Insert the metal inner sleeves into the bushings.

**STEP 5:** Install the zerk fittings into the tapped holes in the underside of the bushing pivots. If powdercoat buildup is present use a 1/4"-28 tap to clean up the holes. Do not over-tighten; they are hollow and can snap off if too much force is applied.

**STEP 6:** Slide the arm into frame mounts and re-install factory bolts/nuts. Snug but do not tighten yet.

**STEP 7:** Drop the tapered adapter into the top of the spindle and pull the uniball end of the arm down onto the tapered adapter. Once the bottom high-misalignment spacer is seated onto the tapered adapter slide the 9/16" bolt down through the uniball spacers and spindle. Torque the lock nut to 110 ft/lbs.

**STEP 8:** Now tighten the upper arm pivot bolts to factory recommended spec.

**STEP 9:** Secure the ABS wire to the tab on the arm using a zip-tie.

**STEP 10:** Re-install wheels/tires and properly torque the lug nuts. Have a professional alignment performed and re-torque all hardware after 500 miles.



**81500 UCA's Installed**



Parts List for 81500 Dodge Ram UCA's

Part #	Description	Quantity
81501L	Upper A-Arm Left, 2009+ Dodge Ram 1500	1
81501R	Upper A-Arm Right, 2009+ Dodge Ram 1500	1
FK-WSSX16T-1	1" Uniball(Stainless) w/PTFE Liner*	2
30604	Snap Ring/1" Uniball*	2
100916	1"-9/16" Hi-misalignment Spacer*	2
10034TCF	1"-3/4" Hi-misalignment Spacer TCF*	2
10251	Bolt, 9/16"-18 x 5" Grade 8	2
12203	Washer, 9/16" AN	2
30008	9/16" ID Tapered Spindle Adapter	2
12204	Washer, 9/16" SAE	2
11202	Nut, 9/16"-18 C-lock	2
10005	Zerk Fitting, 1/4"-28 90 degree	4
60684	Bushing Universal Half-Urethane, Red	8
69601	Inner Sleeve, Upper A-Arm	4
* These parts are already installed into the UCA		