



# INSTALLATION INSTRUCTIONS



**COMPONENT: 1" STAINLESS STEEL UNIBALL REPLACEMENT KIT**

**PART #: FK-REP KIT**

PARTS LIST:			
ITEM #	PART #	QTY	ITEM DESCRIPTION
1	FK-WSSX16T-1	2	1" Stainless Steel Uniball
2	30604	2	1" Uniball Snap Ring

The following instructions cover basic removal and replacement of the uniball from the upper control arm. The procedure is the exact same on a lower control arm. Steps leading up to this point will vary depending on the vehicle being worked on.

The instructions cover a uniball replacement using the TOTAL CHAOS aluminum uniball press tool PN: 96006-ALU (sold separately).

### REQUIRED TOOLS

- 1 1/4" Wrench
- Crescent wrench
- Snap ring pliers
- Anti-sieze
- Towel or rag
- Pick
- Dead-blow hammer

### IMPORTANT

- Before starting install, make sure the vehicle is supported securely on jack stands.

### STEP 1

Using ther snap ring pliers, remove the snap ring from the arm.

*Tip: As you squeeze the pliers, cup your hand below the snap ring to keep it from springing out and flying across the shop (not common, but it's happened to us).*



## **STEP 2**

Prepare for uniball removal by inserting the ACME rod through the uniball with the small press tool cup placed on top and the big press tool cup below the uniball.

Hand tighten the ACME nuts on the top and bottom making sure a washer is in-between each nut and press tool cup.



## **STEP 3**

Using your 1 1/4" wrench and crescent wrench, begin to turn the ACME nuts in a clockwise direction.



The small press tool cup will begin to push the uniball out of the bottom of the arm into the large press tool cup.



**STEP 3 CONTINUED**

The uniball in the large press tool cup after being pressed out of the arm.

**STEP 4**

Use a towel to wipe out any dirt and debris from the inside of the uniball cup.

**STEP 5**

Take a pick and run it through the snap ring groove to clear any dirt and debris.



### **STEP 6**

Put a light layer of anti-sieze on the inside of the uniball cup to prevent the uniball from siezing in the cup. This also makes future uniball replacements easier.



### **STEP 7**

Prepare for new uniball installation by placing the new uniball below the uniball cup. Hand tighten the ACME nuts to snug up the press tool to the uniball and cup.

Opposite of removal, the small press tool cup will now be on the bottom and press the new uniball up into the uniball cup.



### **STEP 8**

Gently turning the bottom ACME nut in a clockwise direction, begin to press the new uniball into the arm.

*NOTE: There will be very slight resistance as the uniball passes the snap ring groove. If there is a lot of resistance when attempting to tighten the nut, the uniball may not be going into the arm straight. Use a dead blow hammer to tap the high side of the small press tool cup to square up the uniball alignment.*

**DO NOT FORCE IT** - this shouldn't take a lot of muscle.



### **STEP 8 CONTINUED**

Tighten the bottom ACME nut until the new uniball is fully seated in the control arm uniball cup.



### **STEP 9**

Using the snap ring pliers, install the new snap ring making sure it is fully seated in the snap ring groove.



*NOTE: Make sure the snap ring gap is clocked towards the front or rear of the vehicle so it doesn't hinder the rotation of the misalignment spacers during the suspension cycle.*



**CONGRATS! UNIBALL REPLACEMENT IS NOW COMPLETE!**



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