



CA 3214L-2P and 3P Passenger Side CA  
CA3214L- 2D and 3D Drivers Side  
2014 Ford F150

The 2014 F150 control arms are fairly easy to remove and replace.

There are several way to remove the front lower control arms this is the process we used.

1) First start by loosening the ball joint nut but do not completely remove and attempt to break the taper by smacking the spindle casting with a heavy hammer. Try several positions and raise or lower the height of the control arm and hope the taper releases. If this does not work you can use a pickle fork but it will most likely damage the ball joint boot.



3)Unbolt the strut three bolts on top and two bolts lower

4) Completely remove the sway bar end link

5) Remove the tie rod end

6) Remove the two pivot bolts

7) Now the back of the control arm can be removed from the receivers and the strut can be removed.



8) Now remove the lower ball joint and the control arm is free.

Installing the DJM lower control arms

1)Locate the four zerk fitting for the control arm and two for the ball joint. Install the control arm zerks with a 5/16 wrench and the ball joint zerks with a 3/8 wrench.

2)Grease the ball joints and control arm bushings making sure the inner sleeves are in and make sure you have a good grease flow wiping any excess grease.

3)Follow the instruction for the strut conversion (next page) and hang the strut with the three upper bolt do not tighten now.

4)Install the ball joint but do not tighten.



5) Now with the strut in position allow the bushing to go past the mount and get the pivot bolt into the control arms do not forget the four star washers.

6) Now attach the strut with the provided Bolts.

7) Turn in the tie rod ends in about seven turns and reinstall the ends.

8) Loosen the D link bushing on the sway bar and install the end links

9) Tighten all the bolts and install the cotter pins on the ball joints.

10) Final height will not be noticed until the truck is on the ground and the suspension is cycled. Back up and move forward several times applying the breaks.

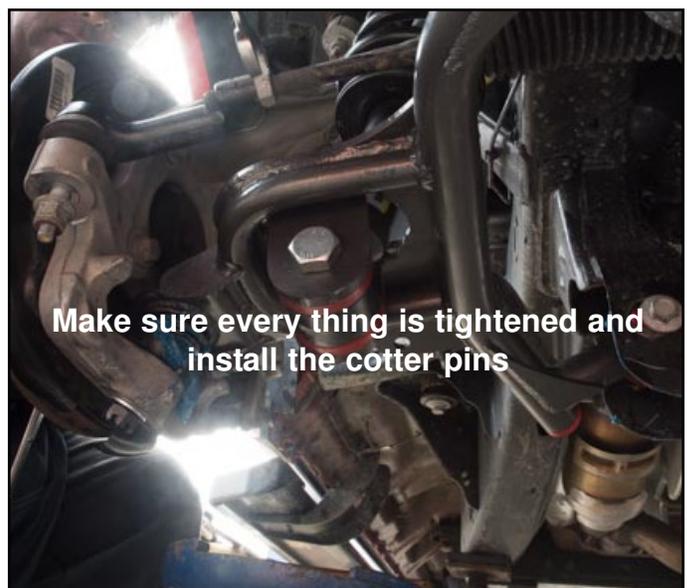
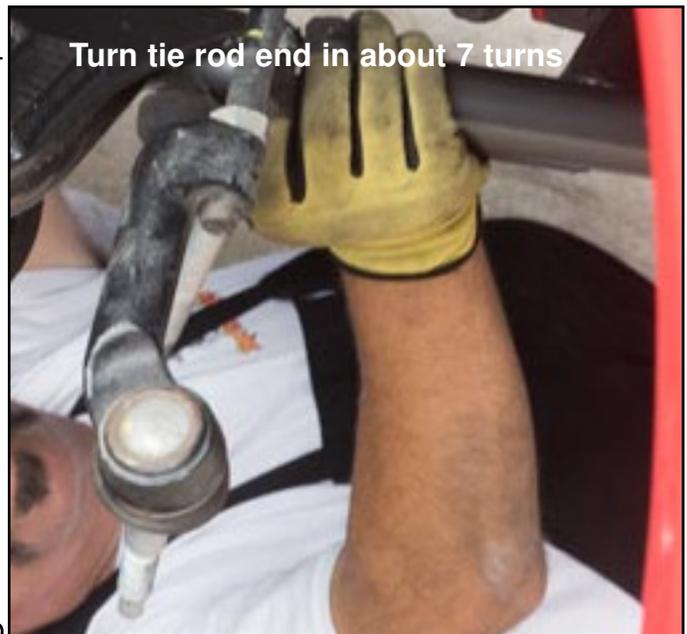
11) Test drive and check for any problems then take it to a professional alignment

Note: This product is not compatible with four wheel drive

NOTE: LEFT AND RIGHT CONTROL ARMS ARE PACKAGED IN SEPARATE BOXES AND MUST BE ORDERED SEPARATE.

Contents:

- 1) CA3214L-3D 8695T ball joint
- 1) CA 3214L-3P 8695T ball joint
- 8) Star Washers
- 4) Zerk fittings (control arm)
- 2) Zerk fittings (ball joints)
- 4) Inner sleeves
- 2) Cotter pins





# 2014/15 F150 STRUT CONVERSION KIT

**Contents:**

- 4-Bushings
- 2-outer sleeves
- 2-inner sleeves
- 2-M20X100mm Bolts
- 2-M20 nuts
- 1-Press die

The 2014/15 Ford F150 made a change to there strut and lower control arms. This small change does not effect anything but the way the strut mount and doing this simple conversion makes the DJM control arms work on the 2014/15 F150



If your control arms look like this. **YOU NEED THIS KIT**



If your front struts look like this. **YOU NEED THIS KIT**



If your control arms look like this you **DO NOT** need this kit



Cut the studs off with a cut off wheel



Press the bushing out. It comes out easy



Tap the new bushing in with a mallet



Tap the outer sleeve with a mallet



The inner sleeves just slides in



Bolt on the control arm with M20 X 100mm bolt and nut