PART # CA2515-2

2015 Aluminum Knuckle and 2016-17 Steel and Aluminum Knuckle TAHOE \ PICKUP - 2 Wheel Drive Only

LOWER CONTROL ARMS

INSTALLATION INSTRUCTIONS

Please take the time to read these INSTALLATION INSTRUCTIONS and check the Hardware Parts List to be sure you have all the listed parts.

These installation instructions are prepared for the professional installer with the proper equipment, tools and experience in suspension systems and safety. Please read the warranty information (blue page enclosed). Complete your Product Warranty Card and mail it to DJM Suspension.

Please take a few minutes to fill out your installation helper (back side of warranty). Accurate measurements BEFORE BEGINNING INSTALLATION will show any irregularities in your vehicle.

NEVER WORK UNDER TRUCK SUPPORTED BY A JACK ONLY !!!

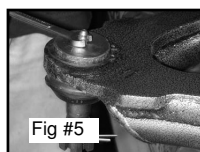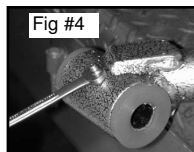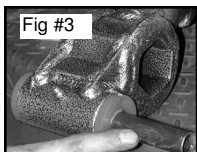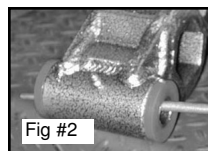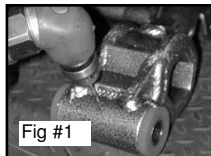USE QUALITY JACK STANDS WHICH HAVE A RATING ADEQUATE FOR YOUR TRUCKS WEIGHT!!!

NOT DESIGNED FOR AIR BAGS.

These parts are designed to use factory struts.

INSTALLER MUST CHECK THAT THERE IS ABSOLUTELY NO CLEARANCE PROBLEMS BETWEEN THE WHEELS, THE SPINDLE, THE CALIPER, THE LOWER CONTROL ARMS AND ANY OTHER COMPONENT BEFORE DRIVING VEHICLE.

Hardware Parts List:

1- Left Lower Control Arm.
8- Pivot Bushings(Installed).
1- Set Twin Tube Sleeves.
4- 16m Nylock Nuts
6- Grease Fittings.
1- Right Lower Control Arm.
2- Ball Joints (Installed).(6541)
8- Pivot Bushings(Installed).
1- Set Twin Tube Sleeves.
4- 16m Nylock Nuts

Fig #1

Fig #2

Fig #3

Fig #4

Fig #5

This kit uses DJM's twin tube pivot sleeves. YOU MUST ASSEMBLE THESE SLEEVES CORRECTLY. DO NOT SKIP THIS STEP!!

The sleeves are already installed in the control arms. Cut the zip tie holding the nut and inner sleeve. Remove inner sleeve and set both aside. A small hole is drilled for the grease to pass though to the inner sleeve. Although this is done at the factory, check that there is a 1/8" hole drilled through the zerk fitting hole into the bushing and outer sleeve. (Fig #1). The drilling operation will leave a burr on the inside of the sleeve and must be removed. Use a rat tail file to completely remove all burrs from drilling and on the ends of the sleeves (Fig #2). Make sure you clean out any chips or dirt. Install grease fittings (Fig #3). With the outer sleeves drilled and cleaned, it is important to check the inner sleeves. These sleeves should be about .050" longer than the outer sleeve. You should assemble them before greasing to check that length is slightly longer and they rotate smoothly. Now apply some grease to the inner sleeve and insert into control arm (Fig #4). Install ball joint grease fitting (Fig #5).

Install these control arms just like factory arms. Check your vehicles service manual for specific details.

With the vehicle sucure on jack stands, remove the two bolts holding the strut to the lower arm. Loosen and remove tie rod from spindle. Remove sway bar link from stock arm, keep all hardware. Loosen ball joint nut. Separate the ball joint from the spindle being careful not to damage the boot. When separate, remove nut and move spindle out of the way. Be sure not to stretch brake line. Finally remove the pivot bolts and the stock arm can be removed.

Check frame mounts for any dirt or debris. Test fit arm into frame mounts. They should slide in fairly easily. If they are too snug separate the mounts slightly. Apply some grease to the mounting brackets and the bushings. Attach control arms using factory pivot bolts and new 16mm nylock nuts (supplied), tighten to 40 lbs DO NOT OVERTIGHTEN. Bolt strut to control arm with factory bolts. Raise control arm to align with spindle and attach the ball joint. Install cotter pin. Attach tie rod and reinstall sway bar end link.

Check all bolts are tight and grease all fittings. Test drive. Align to factory specs.

Measure completed height of vehicle and record on installation helper.

On 2016 and 17 steel spindle only. there is a bur on the upper ball joint tapper. You can remove this with a file or rotary tool. Pre fit the ball joint before installation

Check out all the DJM products on the web www.DJMSuspension.com **Tech Line (310) 538-1583**