



Jeep TJ/LJ Front Control Arm Install Notes

Thank you for purchasing from Trail Logic Industries! We know that you have many choices when choosing aftermarket parts for your Jeep and we are glad that you chose us. We hope that these notes will help you to better understand some of the install process for this kit and help you to get back on the road or the trail quickly and easily. This guide will serve as example for both TJ and LJ installations and both upper and lower control arm kits.

Tools Required

- Hand Held Electric Drill
- 1/2" Drill Bit (A LONG bit will make this much easier)
- Drilling/Cutting Oil
- 3/4" Wrench and Socket (1/2" Grade 8 Hardware)
- 21mm Wrench and Socket (Factory lower CA hardware)
- 1 1/8" End Wrench (Upper Link Jam Nut)
- 1 5/16" End Wrench (Lower Link Jam Nut)
- Various other tools for removal of factory components depending on your year and model.

Start by supporting your vehicle on jack stands under the frame.

Step 1: Unbolt front driveshaft from the front axle yoke and use zip-ties or a strap to keep it up and out of the way. This will make things much easier when installing the new control arms.

Step 2: Place 2 more jack stands under the front axle (while the axle housing is close to full droop) and remove wheels/tires.

FRONT UPPER INSTALL

Step 1: Remove factory upper control arms and any accessories that may be connected to them.

Step 2: Drill the 2 upper control arm mounts (frame side) to 1/2" using a LONG drill bit to accept the new grade 8 hardware. (These bits can be purchased at any local hardware store)

***NOTE: The upper arms at the axle side are drilled to accept the factory hardware. If you have replaced your upper control arm bushings with Johnny Joints or something similar and no longer use the factory bolts, you will need to drill the boxes out to accept the larger hardware.

Step 3: With all the joints adjusted all the way in, begin to install both new arms with the provided hardware. (do not fully tighten hardware just yet)

Step 4: Check pinion angle and adjust joints as necessary.

Step 5: If you are only installing uppers, set the vehicle back on the ground and tighten all hardware while the Jeep is sitting on its own weight. If you are also installing lowers, proceed to the next section.

FRONT LOWER INSTALL

Step 1: Remove factory front lower control arms.

Step 2: With the joints adjusted all the way in, begin to install both new arms reusing the factory hardware. (do not tighten hardware just yet)

Step 3: Check pinion angle and adjust joints as necessary.

Step 4: Now that all your new arms are installed, reinstall your wheels and tires.

Step 5: Set the vehicle on the ground and tighten all hardware while the Jeep is sitting on its own weight.

*** All mounting hardware should be tightened to 100 ft. lbs. and checked periodically after install.

*** You may need to perform an alignment on your Jeep after installation. If you are not comfortable doing this yourself, take your Jeep to a competent off-road shop to do this for you!

*** A small amount of material removal may be necessary from the factory mount tabs on the frame side to gain access to the jam nuts.

Congratulations! You have just installed some of the most sought-after parts in the market on your Jeep!

If you should have any questions, please give us a call at **(423) 595-2330** or send us an email at **info@traillogicindustries.com**

THANK YOU!

Please note

These notes are intended as just that, NOTES. We assume that the installer has general automotive maintenance and accessory knowledge and Trail Logic Ind. will not be held liable for any damages or injuries incurred while installing or using these products.