



ADJUSTABLE CONTROL ARMS

(2007-2018 WRANGLER JK)

INSTALLATION INSTRUCTIONS

CONTENTS

(2) Front Upper Control Arms
(2) Front Lower Control Arms
(2) Rear Upper Control Arms
(2) Rear Lower Control Arms

TOOLS REQUIRED

Jack & Jack Stands
Metric Socket Set
Breaker Bar
21mm Wrench



STEP 1

Safely raise and support the vehicle on jack stands, see the factory owner's manual for recommended support locations, and remove the wheels and tires. Spray the upper and lower control arm nuts and bolts with penetrating oil and let sit for at least 30 minutes. For heavily corroded bolts, repeat this step as needed.



STEP 2

Using a 21mm socket and breaker bar, remove the lower control arm bolt that attaches the arm to the axle. **DO NOT DISCARD THE HARDWARE, ALL FACTORY HARDWARE WILL BE REUSED.**

STEP 3



Using a 21mm socket and breaker bar, remove the lower control arm bolt, that attaches the arm to the frame, and remove the control arm from the vehicle.

STEP 4



Install the grease fittings into both front lower control arms. There are two holes opposite each other, install the grease fitting into the hole easiest to access once the arm is on the vehicle. Seal the unused hole with a supplied plug. To start, lengthen the new control arms to match the factory length. From there, adjust the control arm length to achieve the desired pinion angle for your application.

STEP 5



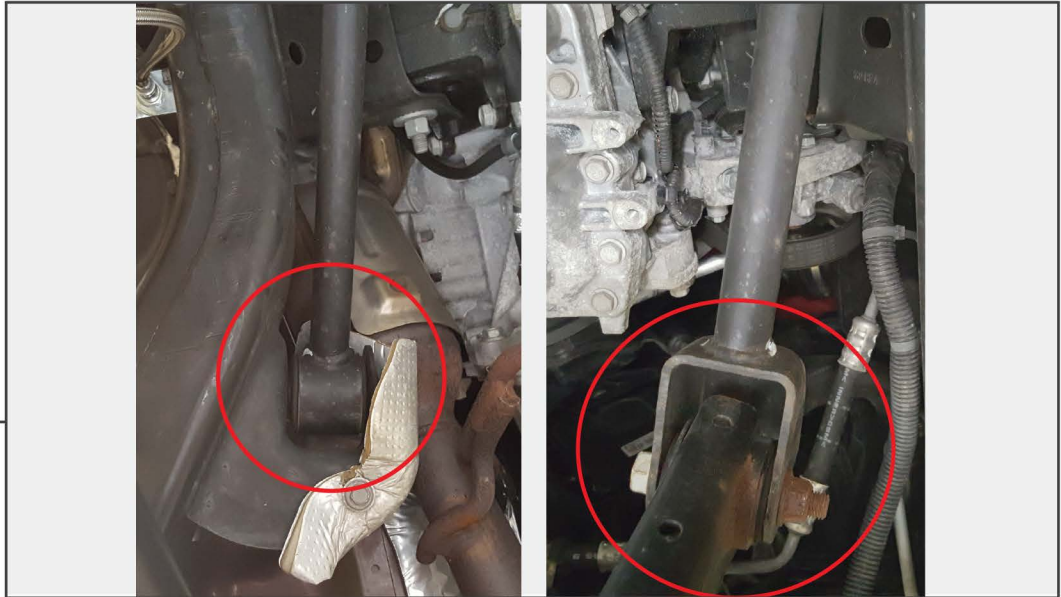
Using the factory hardware, install the front lower control arm. Start by installing the end with the rubber bushing onto the frame bracket, making sure the bend in the arm is pointing towards the center of the vehicle.

STEP 6



Using the factory hardware, install the opposite end (heim joint) onto the axle bracket. The heim ends are angled and will only fit correctly on one side of the vehicle, pictured is the passenger side. Do not fully tighten the hardware. After the vehicle is on the ground, torque the axle side bolt to 117 ft-lbs, and the frame side bolt to 125 ft-lbs.

STEP 5



To remove the front upper control arm, start by removing the 10mm bolt securing the heat shield to gain access to the upper frame mount bolt. Using a 18mm socket and breaker bar, remove the the bolts from the frame and axle control arm mounts. Remove the control arm from the vehicle. **DO NOT DISCARD THE HARDWARE, ALL FACTORY HARDWARE WILL BE REUSED.**

STEP 6

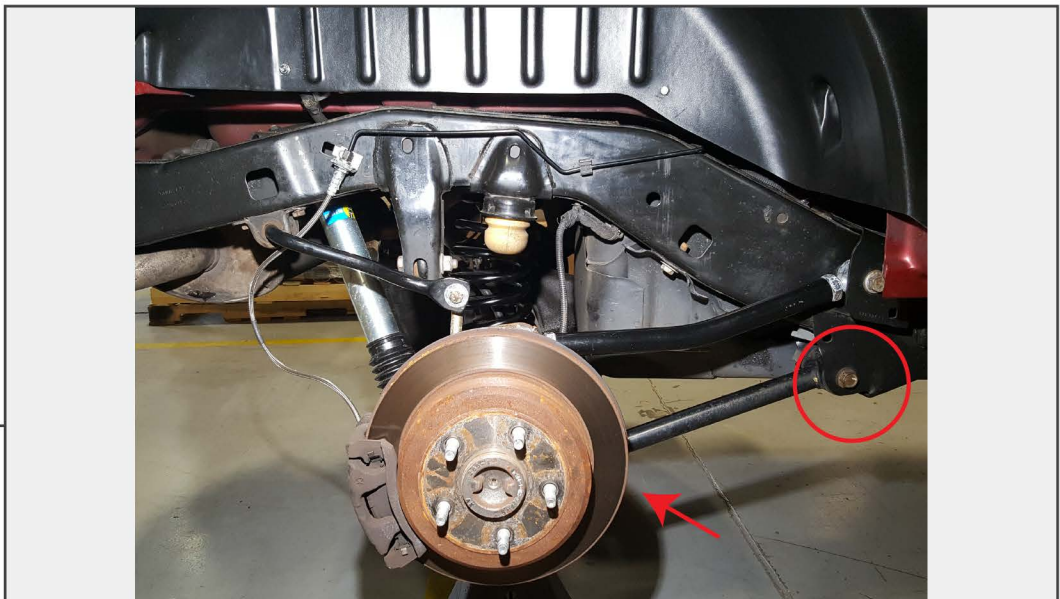


Install the grease fittings into both front lower control arms. There are two holes, opposite each other, install the grease fitting into the hole easiest to access once the arm is on the vehicle. Seal the unused hole with a supplied plug. To start, lengthen the new control arms to match the factory length. From there, adjust the control arm length to achieve the desired pinion angle for your application.



STEP 5

Using the factory hardware, install the end with the heim joint into the frame control arm mount and the forked end onto the axle mount. Do not fully tighten the hardware, once the vehicle is on the ground, torque all bolts to 125 ft-lbs.



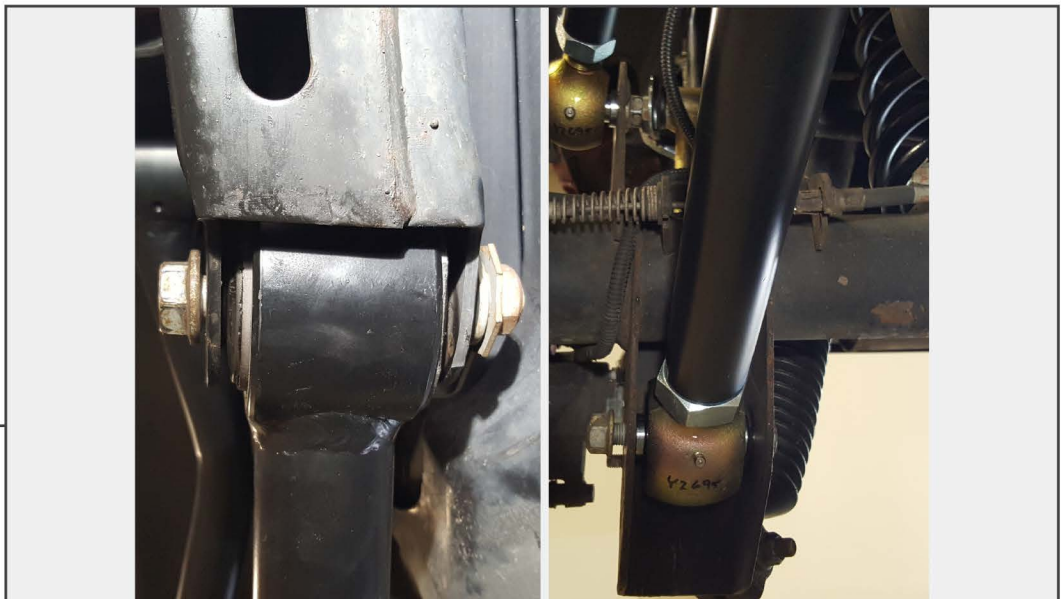
STEP 6

Using a 21mm socket and breaker bar, remove the lower control arm bolts that attach the arm to the axle and frame mounts. **DO NOT DISCARD THE HARDWARE, ALL FACTORY HARDWARE WILL BE REUSED.**



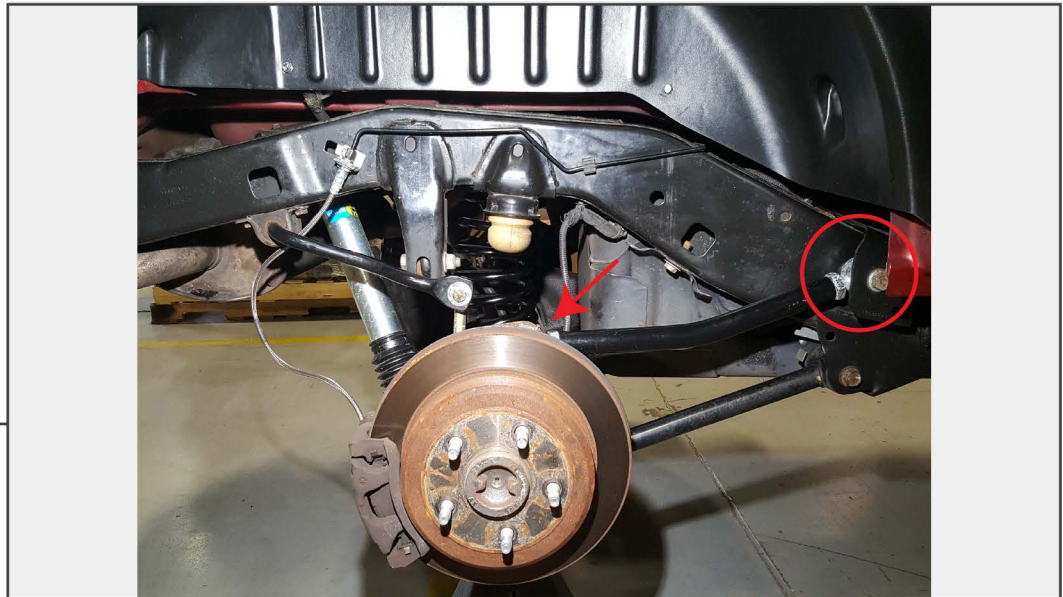
STEP 5

Install the grease fittings into both front lower control arms. There are two holes, opposite each other, install the grease fitting into the hole easiest to access once the arm is on the vehicle. Seal the unused hole with a supplied plug. To start, lengthen the new control arms to match the factory length. From there, adjust the control arm length to achieve the desired pinion angle for your application.



STEP 6

Using the factory hardware, install the end with the heim joint into the axle control arm mount and the end with the rubber bushing to the frame mount. Do not fully tighten the hardware, once the vehicle is on the ground, torque all bolts to 125 ft-lbs.



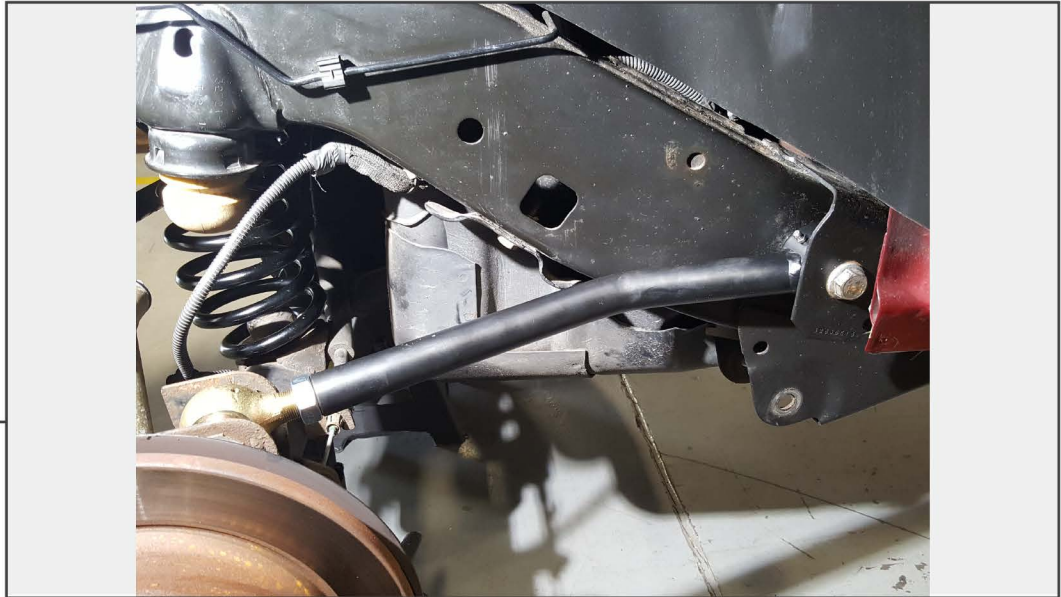
STEP 5

Using a 18mm socket and breaker bar, remove the axle side and frame side bolts on the rear upper control arm. Then remove the control arm.



STEP 6

Install the grease fittings into both front lower control arms. There are two holes, opposite each other, install the grease fitting into the hole easiest to access once the arm is on the vehicle. Seal the unused hole with a supplied plug. To start, lengthen the new control arms to match the factory length. From there, adjust the control arm length to achieve the desired pinion angle for your application.



STEP 5

Using the factory hardware, install the end with the heim joint into the axle control arm mount and the end with the rubber bushing to the frame mount. Do not fully tighten the hardware, once the vehicle is on the ground, torque all bolts to 125 ft-lbs.

Prior to Driving

- Measure and adjust for proper pinion angle. Failure to do so can cause driveshaft / differential damage.
- Professional Alignment
- Adjust Headlights

Maintenance:

- First 200 miles, re-torque all fasteners.
- Every 3000 miles, re-torque all fasteners, and visually inspect suspension bushings for wear.