

# #124307, 124317, 124415, 124416, 124422, 124426

## Lower Control Arms



**READ AND UNDERSTAND ALL INSTRUCTIONS AND WARNINGS PRIOR TO INSTALLATION OF SYSTEM AND OPERATION OF VEHICLE.**

### Front Installation (TJ/XJ/ZJ)

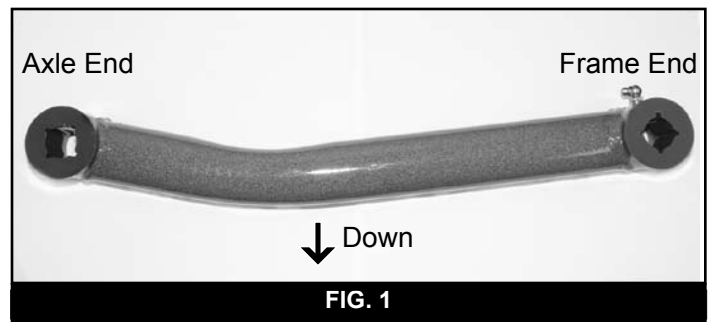
1. Park the vehicle on a clean, flat surface and block the rear wheels for safety.
2. Raise the front of the vehicle and support with jack stands under the frame behind the front lower control arm mounts.
3. Remove the wheels.
4. Support the axle with a hydraulic jack.
5. Optional: Disconnect the track bar from the axle. This will aid in realignment of the control arm bolts by allowing the axle to be centered under the vehicle at all times.
6. Remove the passenger's side lower control arm from the frame and axle. Retain OE hardware.
7. Lightly coat bushings and sleeve with a lithium based grease and install in control arms.
8. Install the grease fittings in the threaded holes at each end of the control arms. The 90° fitting goes at the frame end and should point down the length of the control arm (Fig 1).
9. **For adjustable arms only (#124415, 124416, 124422, 124426)**, install jam nut on control arm followed by female end. Adjust arms to 16-3/4". These lengths are approximations and may need to be adjusted for proper alignment. **Note:** Measure center to center distance. (Fig 2) **Note:** Threads are graphite coated to prolong performance. For maximum longevity apply red grease.
10. Install the control arm in the frame and axle mounts with the OE hardware. The short end on the bend goes to the axle and the bend points down (see Fig 1). Leave hardware loose.
11. Repeat installation procedure on the driver's side.
12. Install the wheels.
13. Lower the vehicle to the ground and bounce the front to settle the suspension.
14. If disconnected, install the track bar to the axle with

the OE hardware and tighten to 35 ft-lbs.

15. Tighten the control arm frame and axle pivot bolts to manufacturer's specifications.

### Rear Installation

16. Raise the rear of the vehicle and support with jack stands under the frame in front of the rear control arm mounts.
17. Remove the wheels.
18. Support the axle with a hydraulic jack.
19. Follow the same procedure as the front installation. Adjust to 16-3/8" eye-to-eye. Longer lower control arms will affect pinion angle. If a vibration is detected after installation of control arms, BDS upper adjustable control arms (#124418) or BDS upper control arm pinion cams (#124319) can be installed to adjust pinion angle.
20. Check all fasteners for proper torque.
21. Check all fasteners after 500 miles.



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