



ADJUSTABLE REAR LOWER CONTROL ARMS INSTALLATION INSTRUCTIONS

Part #20105

Ford Mustang 2005 and up

Features:

- Heavy gauge steel eliminates flex increasing traction
- Completely bolt-on, no welding required
- Polyurethane bushings for positive suspension control and stability
- Completely adjustable to set up your suspension

IMPORTANT!

Read this instruction sheet completely so that you thoroughly understand it and are familiar with the procedure before attempting installation.

WORK SAFELY!

Installation of these control arms requires working underneath vehicle.

USE EXTREME CARE AND CAUTION WHEN WORKING UNDERNEATH VEHICLE.

Never get near or under vehicle until you are confident that it is safely supported and will not move or fall from its raised position.

DO NOT USE A BUMPER JACK.

PREPARATION FOR INSTALLATION

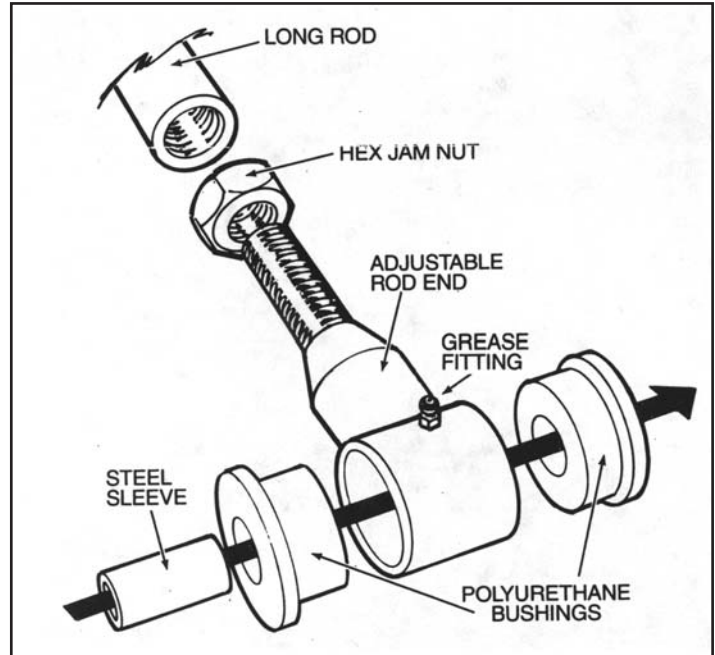
1. Place vehicle on a solid level surface to ensure safe installation
2. Place wheel blocks in front of and behind both front wheels to prevent movement in either direction.
3. Raise rear of vehicle and support flat area of chassis in front of lower control arm attaching point using approved automotive support stands having adequate load capacity. DO NOT put support stands under the axle housing. **Note:** Raise vehicle high enough to allow adequate clearance for coil spring removal.

CAUTION

DO NOT BEGIN THIS INSTALLATION UNTIL YOU ARE CONFIDENT THAT VEHICLE IS SECURE AND SAFELY SUPPORTED!

CONTROL ARM ASSEMBLY

1. Install grease fittings (supplied) into each end of control arm by threading fittings into drilled hole of bushing eyelet. Use care not to damage fittings (*see illustration*).



2. Apply lubricant to polyurethane bushings and steel sleeves, then install into eyelet ends as shown.

CONTROL ARM INSTALLATION

NOTE

We recommend working on only one side at a time.

1. Remove both rear wheels.
2. Apply penetrating oil or rust release lubricant to front and rear mounting bolts of upper control arms.
3. Raise axle housing up approximately 2" (a hydraulic floor jack is recommended for this procedure).
4. Using a wrench, remove one lower control arm. DO NOT discard the bolts and nuts, they may be reused.
5. Lightly lubricate threads of short adjustable end. Install hex jam nut, and assemble. Adjust Lakewood control arms to same length as factory arm using center to center location of mounting bushing holes as your measurement point.
6. Install the new control arm to chassis and axle housing brackets using the stock factory mounting bolts and nuts previously removed.

Note: Clean and lubricate axle and chassis control arm mounting brackets with a good quality chassis grease to ease installation.

7. Tighten front and rear control arm mounting bolts to 80 ft./lb. torque.

Note: The adjustable feature of this arm enables you to correctly locate the rear end in relation to the chassis and to compensate for altered ride heights.

8. Follow the same above procedure for installation of Adjustable Control Arm on other side of vehicle.
9. Lubricate control arm bushings with a good quality chassis grease.
10. Once arms are installed you can begin to adjust.
11. The pinion angle must now be checked and adjusted if necessary. The angle between the drive shaft and the rear end yoke must be between 4 and 6 degrees down.
12. With pinion angle set, tighten all fasteners securely.
13. Install wheels and properly tighten lug nuts to wheel manufacturers specifications.
14. Carefully remove support stands and lower vehicle to ground.

**THIS COMPLETES THE INSTALLATION.
YOU CAN NOW ROCK-N-ROLL!**

IMPORTANT!

Periodically check to make sure that all mounting hardware is securely tightened. Use a good quality chassis grease to keep bushings and sleeves properly lubricated.

TECHNICAL SERVICE

A highly trained technical service department is maintained by Lakewood Industries to answer your technical questions, provide additional product information and offer various recommendations. See your local retailer of Lakewood products for specific prices. For best results, technical service calls, correspondence and warranty questions should be directed to the following address:

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8:30 A.M.-5:00 P.M. EST**

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RETAIN THIS INSTRUCTION SHEET FOR FUTURE REFERENCE.