



## Adjustable Upper Control Arm, Mustang P/N C8005

### Parts List

- |                                     |                                 |
|-------------------------------------|---------------------------------|
| (2) Upper Control Arm Assembly      | (2) Adjuster, Upper Control Arm |
| (2) 3/4" Rod End (Left Hand Thread) | (4) Rod End Spacer              |
| (2) Jam Nut (Left Hand Thread)      | (2) Jam Nut (Right Hand Thread) |
| (4) 1/2" X 3-1/2" Bolts             | (4) 1/2" Nylock Nuts            |

1. Assemble the Moroso Upper Rear Control Arm using the factory control arm as a template. Make sure the center to center distance of the bolt holes match.
2. Apply anti-seize compound onto the (**external**) threads of the Adjuster.
3. Install a 3/4" RH thread, Jam Nut onto the Adjuster.
4. Thread the Adjuster into the tubular portion of the Upper Control Arm.
5. Apply anti-seize compound to the supplied 3/4" LH Rod End threads.
6. Install the 3/4" LH Jam Nut on the Rod End.
7. Thread the 3/4" LH Rod End into the Adjuster.
8. Ensure that the hole center to center distance of the bolt holes is correct and tighten both jam nuts.
9. Insert the supplied spacers into the Rod End and install the Upper Control Arm, using the supplied 1/2" X 3-1/2" Bolts and torque to 75 ft lbs.
10. With vehicle sitting level, the pinion angle can be adjusted by loosening the Jam Nuts on both Control Arms and adjusting each control arm the same amount.
11. If your car pulls to the left or right under hard acceleration, one of the Control Arms may be adjusted too long or too short. The best method to ensure the adjustments are correct is to have a thrust angle wheel alignment done at an alignment shop. Be sure to inform the technician that you wish to maintain a specific pinion angle.

**NOTE: Moroso Performance highly recommends the use of a part C3168 Upper Control Arm, Bearing & Bushing Kit for optimum performance.**

**For Technical Assistance, call Competition Engineering's Tech Line at  
(203) 458-0542, 8:30am-5:00pm Eastern Time**

COMPETITION ENGINEERING

80 Carter Drive • Guilford, CT 06437

**PHONE: (203) 453-5200 • Fax: (203) 453-6906**

Rev A  
052903

Visit Us At [www.competitionengineering.com](http://www.competitionengineering.com)

C8005INST