

1979-04 Low Profile Front Control Arm Mounting Bolts (MMF-2)



Thank you for purchasing Maximum Motorsports' MMF-2 Low Profile Front Control Arm Bolts for 1979-04 Mustangs. The low-profile head of these MM-designed front control arm mounting bolts improves clearance to the rubber steering rack boots when using the MMST-6 Spherical Rack Bushings in conjunction with a MM K-member. The low profile and rounded contour of this bolt head is also less likely to damage the steering rack's rubber boots when the rack is mounted as far rearward as possible, than is the stock bolt's taller and sharper-edged hex head. These bolts are included with all current MM K-members!!

These bolts are a direct replacement for the forward-most front control arm pivot bolts and they retain the ability to reuse the stock hex nuts. The bolts are made of high strength steel, Grade 10.9, and are coated with an OEM quality corrosion inhibitor. Installation requires a T-55 Torx tool.

Please consult the latest MMST-6 Aluminum Spherical Rack Bushing installation instructions (available at www.maximummotorsports.com) when installing these bolts. If you are not currently using the MMST-6 rack bushings with your Maximum Motorsports K-member, we highly recommend upgrading to them at this time.

Tools Required:

- T-55 Torx Socket (MMF-2 Bolt)
- 21mm 1/2" Drive (Stock FCA Bolt)
- 24mm 1/2" Drive for (Stock FCA Nut)
- 15mm socket 3/8" Drive (Steering Rack Bolt)
- 18mm Deep 3/8" Drive (Steering Rack Nut)
- Ratchets (assorted)
- Sockets (assorted)
- Wrenches (assorted)
- Torque Wrench

Read all instructions before beginning work. Following instructions in the proper sequence will ensure the best and easiest installation.

Instructions

1. With the parking brake engaged and the rear wheels chocked, jack up the front of the car and support it with jack stands.

NOTE: Make sure that the front suspension is completely unloaded.

2. In most cases the steering rack will not allow the forward control arm mounting bolts to be removed completely. If this is the case, the steering rack will need to be unbolted and moved forward and upward in order for the control arm bolt to be removed. Unbolt the steering rack as necessary.

NOTE: Only the mounting bolts need to be removed. Fluid lines, hoses, tie rods, steering shaft, etc. can remain attached.



3. Unbolt and remove the forward bolts connecting the front control arms to the k-member.
4. Insert one of the MM Low Profile Front Control Arm Mounting Bolts into the k-member and control arm with the rounded bolt head towards the front of the car. Do not use a washer under the head of the bolt.



5. Place the stock nut on the MM Low Profile Front Control Arm Mounting Bolt and tighten by hand to make sure the threads engage properly. If you are not using the stock flanged nut, be sure to place a G8 washer under the nut.

6. Hold the head of the bolt in place with a T-55 Torx socket and tighten the *nut*.

NOTE: Do NOT turn the Torx head to tighten. Instead, hold the bolt still with the T-55 socket and turn the nut to tighten.

7. Torque the *nut* to **148 ft-lbs**.

8. Repeat the process for the other control arm bolt.

9. Re-attach the steering rack to the k-member.

NOTE: Consult the latest MMST-6 Aluminum Steering Rack Bushing or MM K-member installation instructions for the proper rack spacer arrangement. It is now possible to move the steering rack further rearwards to increase Ackerman steering geometry when using any of the MM Forward-Offset Front Control Arms.

10. Torque the steering rack mounting bolts to **55 ft-lbs**.

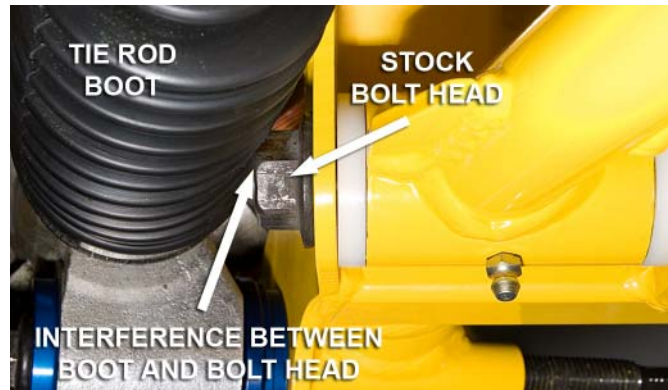
NOTE: Refer to the latest MMST-6 Aluminum Steering Rack Bushing installation instructions (www.maximummotorsports.com) for the proper rack bushing alignment procedure before torquing the bolts.

11. Lower the car to the ground.

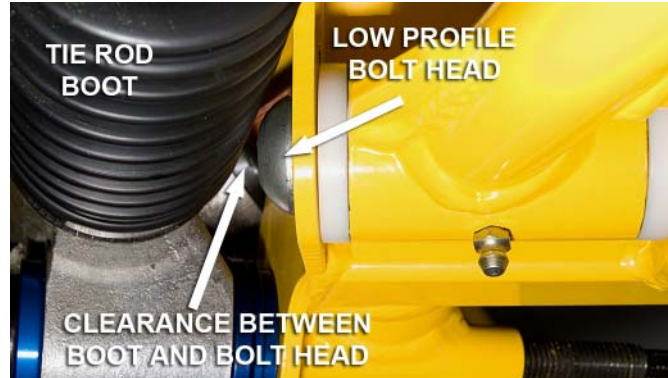
NOTE: If you chose to move the steering rack rearwards with the use of the MM Forward-Offset control arms, toe must be reset to proper spec.

12. After 500 miles recheck the bolt torques. Retighten if necessary.

Clearance with stock bolts



Clearance with MM bolts



This kit includes:

- 2 M16 x 2.0 x 112mm T-55 Bolt