

2005-Present Ford Mustang Non-Adjustable Upper Control Arm
Item # 1046



Tools for the Project:

18mm and 21mm socket
18mm and 21mm wrench
Floor Jack
2 Jack Stands
T-47 Torx Bit
Torque Wrench

Removal of the factory upper control arm and mount:

- 1.** Begin inside the vehicle by removing the rear lower seat. Located under the seat is a 12mm bolt, using the 18mm socket remove this bolt. *Note:* Bolt will be tight due to Loctite on the threads from the factory.
- 2.** Jack the vehicle up and place the jack stands on the rear subframe on each side to allow the rear suspension to unload, do not place the jack stands under the axle as this would load the suspension. Next loosen both gas tank traps using the T-47 Torx bit, the gas tank is ok to rest on the drive shaft.
- 3.** Next process of removal is to take the floor jack and place it under the differential and jack the rear end up, this will take pressure off the rear end. Take the 18mm socket and remove the (2) upper control arm bracket bolts. Then loosen the factory upper control arm hardware on the rear end using the 21mm on the nut side and the 18mm on the bolt side. Both the bracket and the upper control arm will now come out of the vehicle.
- 4.** Now remove the control arm from the bracket once again using the 21mm on the nut side and the 18mm on the bolt side.
- 5.** Once the factory control arm has been removed from the bracket the new control arm can then be installed. Use the supplied installation grease and grease the outer bushing surfaces of the new control arm before installing it into the mounting bracket. Using the removed hardware reinstall the new control arm in the factory bracket, use the 21mm on the nut side and the 18mm on the bolt. Since you can not access this control arm bolt from under the car torque this bolt now to 90-100 ft lbs.

Re-Installing the upper control arm and mount:

- 1.** Now take the bracket with the upper control arm attached and place the bracket back in factory location on the vehicle, use the (2) 18mm upper control arm bolts to re-attach it. Keep bolts loose until you get the 12mm bolt (bolt underneath the rear seat) started and then tighten all 3 mounting bracket bolts.
- 2.** With the bracket in place use the jack to help line up the new control arm with the bushing in the rear end. Mount the new control arm to the rear end using the factory hardware; do not tighten the bolt at this time.
- 3.** Reinstall the gas tank straps and load the suspension by placing the jack stands under the rear end or place blocks under the wheels. The suspension must be loaded while tighten the upper control arm bolts to prevent bushing bind. Torque the upper control arm bolts to 90-100 ft lbs.



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2005-Present Mustang Upper Control Arm
UMI Performance Inc.
Made in Pennsylvania, USA