



UPR 05-14 Mustang Adjustable Upper Control Arm Installation

2001-13

1. Properly raise and support the chassis of the car. A lift is best, but this can be done with jackstands. Place a jack under the rear axle, it will need to be able to be lowered to best access the upper control arm and mount
2. **Removing the stock upper control arm assembly.** Start by removing the bolt at the upper differential housing. Remove the two bolts holding the upper arm mounting bracket to the floor. Moving inside the car, remove the lower portion of the rear seat to gain access to the last bolt. Remove the bolt. To remove the bracket and arm assembly from the car, you will need to lower the fuel tank a couple of inches. Support the tank with a jack and a large piece of plywood or other material. Remove the 2 bolts at the rear of the fuel tank and lower the tank 2 inches. Use a pry bar or large screw driver to dislodge the upper bracket and arm assembly from the body.
3. **Assemble the upper arm to the upper bracket.** The upper control arm should be installed into the upper bracket with the supplied bushings and hardware so that the arm is centered in the bracket. Pro Series (*solid rod end*) upper arm requires no lubrication. Pro Street (*urethane bushing*) upper arm requires silicone grease to be applied to the outside of the bushing before assembly. It is a good idea to grease the bushing before installing the assembly as it will be much more difficult to get to once it is installed. Measure the length of the factory arm from the bolt in the bracket to the bolt hole on that would bolt to the axle housing. Adjust the new upper arm to the approximate length. Torque the upper arm into the bracket to 110 ft lbs.
4. Install the new bracket and arm assembly into the car. Be sure the gusset on the upper arm is facing up before bolting it to the rear axle housing. Failure to do so will cause the upper arm to bind, bend and possibly break. Tighten the upper bracket bolts. Torque the upper arm to bushing bolt to 129 ft lbs. Move inside the car and tighten the upper mount bolt. Reassemble the rear seat.



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5. Check and adjust pinion angle. There are many online tutorials or there are several online apps that can help by using your smart phone like the Tremec tool box. You want to achieve a pinion angle between 3.5 and 1.5 degrees downward.
6. Double check all hardware to make sure it is tight. Drive the car and re check once it cools.

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