
Rear Upper Control Arms (M-5500)

We recommend replacing the bushings on your axle housing when replacing the rear upper control arms. Our Rear Differential Bushing Removal and Installation Tool (MMT-1), along with new bushings (E4SZ-5A), will help complete the installation of your new M-5500 rear upper control arms.

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

1. With the car on level ground, measure and record the distance from the center of each rear wheel to the bottom lip of the fender opening. This distance will be used later as the "ride height" reference position.

NOTE: We recommend placing a piece of masking tape on the fender lip to mark the measurement location and to record the distance measured.

2. Block the front wheels to keep the car from rolling.
3. Jack up the rear of the car and support the chassis on jack stands.
4. Support the rear differential with the floor jack so the rear axle can be moved independently of the vehicle.
5. Starting with the passenger side, loosen the rear upper control arm mounting hardware.
6. Remove the passenger side rear upper control arm from the vehicle.

NOTE: There will be some tension on control arm, making it difficult to remove the mounting bolts. This tension is caused by the axle trying to rotate about the lower control arm pivots. Use a floor jack underneath the differential to help relieve this tension.

7. Install the new rear upper control arm into the chassis mounting bracket along with the mounting hardware. Do not tighten the bolt at this time.
8. Connect the other end of the rear upper control arm to the axle and install the mounting hardware. Do not tighten bolts at this time.

9. Repeat Steps 5-8 for the driver side rear upper control arm.
10. Raise the rear differential until the rear axle is in the "ride height" reference position measured in Step 1, or as close to it as possible.

NOTE: The vehicle will most likely lift off of the jack stands the were placed underneath the chassis. If so, place the jack stands beneath the axle to support the vehicle before continuing.

NOTE: The control arm mounting bolts should be torqued in the "ride height" position. Failure to do so WILL cause bushing failure

11. Torque the control arm to the chassis mounting bracket bolt to 72 lb-ft (97 Nm).
12. Torque the control arm to axle bolt to 82 lb-ft (111 Nm).
13. Remove the jack stands and lower the vehicle to the ground.