

Installation Instructions for 64086 Bolt-In Coil Over Shock Mount Kit

1978-1988 GM G-Body

READ ALL INSTRUCTIONS CAREFULLY AND THOROUGHLY PRIOR TO STARTING INSTALLATION. USE THE PROPER JACKING LOCATIONS. DEATH OR SERIOUS INJURY CAN RESULT IF INSTRUCTIONS ARE NOT CORRECTLY FOLLOWED. A GOOD CHASSIS MANUAL, AVAILABLE AT YOUR LOCAL PARTS STORE, MAY ALSO AID IN YOUR INSTALLATION.

Note: Anti-Seize Lubricant should be used on coil-over threads to prevent galling. Failure to lubricate the coil-over threads with Anti-Seize prior to making ride height adjustments will cause damage to your shock absorber. All ride height adjustments must be made with the vehicle weight completely unloaded from the suspension.

Removal:

1. With the vehicle sitting on level ground, measure the vehicle ride height from the ground to the center of the wheel wells and record these measurements.
2. Jack the car up and ensure that the frame is set securely on jack stands. See the owner's manual for proper jacking techniques.
3. Use a jack under the rear axle to remove tension from the rear shocks and remove them from the vehicle. The lower shock mounting bolts also need to be removed from the axle.
4. Remove the rear springs.

Installation:

1. Check the underside of upper mount location on the vehicle for debris where the bracket will sit. This area must be free of any undercoating, dirt or other debris to ensure the bracket will sit flat against the sheet metal.
2. The upper mounting bracket bolts to the frame using the factory shock mounting location using the 3/8" x 1-1/4" bolts and nuts.
3. Install the 1/2" ID sleeve into the bushing in the upper eyelet and bolt the upper eyelet of the shock to the upper mount using the 1/2" x 2-1/2" bolt.
4. The lower coil-over shock mounting brackets attach using the factory shock mounting hole and the trailing arm mounting bolt. Only unbolt one side at a time to prevent the axle from rotating. Mount the lower coil-over brackets over the lower shock mount/trailing arm mount with the 12mm x 110mm bolt and washers provided. Do not tighten the bolt yet. See Figure 2.
5. Insert the lower shock eyelet into the lower mounting bracket with the knob(s) facing toward the center of the vehicle and install the 1/2" x 3" bolt. Torque to 70 lb.-ft.
6. Torque the trailing arm mounting bolt to 70 lb.-ft.
7. Repeat steps one through six on the other side of the car.
8. Lower the car to the ground and check the vehicle ride height referring to your notes from step 1 of removal. Raise the car off the ground and adjust the ride height as necessary with the suspension unloaded using a spanner wrench. Once you have the ride height set, tighten the lock nut against the spring seat adjuster.



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Figure 1



Figure 2