

Installation Instructions for 64088 Bolt-In Coil Over Shock Mount Kit

1964-1972 GM A-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:

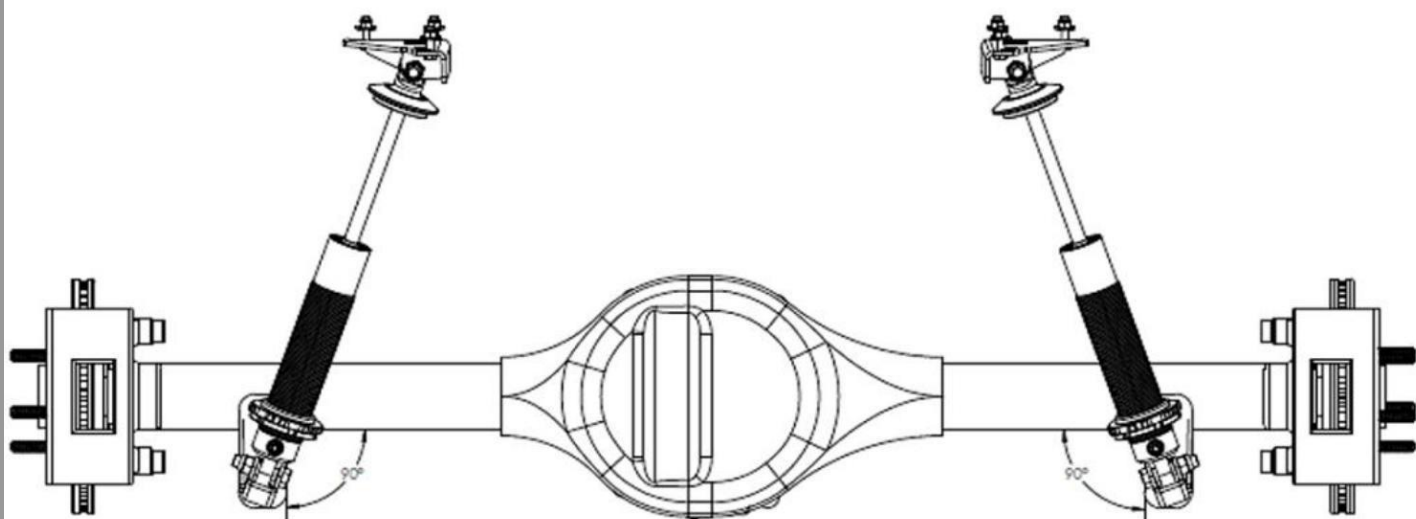
1. Following the factory service information to remove rear shock absorbers and spring assembly.

Installation:

1. Mount the lower brackets onto the vehicle in place of the factory brackets. Install the 1/2" washer and lock nut. The bracket will mount perpendicular to the axle tube.
2. A second anchoring bolt is supplied for bracing. This bolt will be installed in the hole in the bracket just above the primary mounting bolt. Mark this hole with a marker/punch to reference the spot to be drilled.
3. Remove the lower shock mount bracket and drill a 1/2" hole in the spot marked in step 2.
4. After the hole has been drilled, re-install the lower shock mount bracket and torque the mounting studs to 50ft.-lbs.
5. 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.
6. Fit the upper shock mount bracket in the vehicle. Note the orientation of the brackets in Figure 1 below. The two inner most bolt holes will line up with the factory shock mounting holes.
7. Install the 5/16" mounting bolts to secure the plate in position. The third mounting hole facing the outside of the vehicle will need to be drilled. Mark this hole with a marker/punch to reference the spot needing drilling.
8. Remove the upper shock brackets from vehicle and drill a 5/16" hole in the spot marked in step 7.
9. Install the upper shock mount bracket to the shock absorber using the supplied 1/2" bolt and lock nut. Note the orientation of the shock in Figure 1 below.
10. Install the coil-overs into the vehicle with the adjuster knobs facing rearward. Install the lower bearing mount into the lower bracket and align holes, it may be necessary to spread the bracket slightly to fit the lower bearing into the mount. Install the 1/2 in. X 2-1/4 in. bolt and 1/2 in. lock nut into the lower mount hole and tighten to 50 ft.-lbs.
11. Lower the weight of the vehicle on its tires slowly while guiding the upper shock mounting bracket into its mounting location. **DO NOT PLACE FINGERS BETWEEN BODY AND UPPER MOUNT, USE THE SHOCK SPRING AS A HANDLE TO GUIDE THE SHOCK.** Line each bracket up with the 3 corresponding mounting holes. Install the 5/16" bolts, washers and lock nuts with washers on the top of the factory spring pocket.
12. Place the vehicle on the ground and check vehicle ride height. Adjust the spring seat adjuster nut up or down the threaded shock body to gain your desired ride height. After ride height is set, check to ensure you have proper shock travel. A good rule of thumb is that 60% of the stroke should be available for compression. If the ride height is not correct, damage to the shock may occur as a result of bottoming.
13. Check for a minimum clearance of 3/8" between spring seat jam nut, spring seat and the axle with the vehicle weight supported by the tires. Check around shock and spring assembly and verify proper clearance for brake lines, cables and exhaust.



1-800-345-4545 jeps.com



LEFT

Figure 1

RIGHT

VIEW FROM BACK OF VEHICLE

NOTE: OBSERVE THE INSTALLED ORIENTATION OF THE HARDWARE (FIGURE 1) IN RELATION TO THE SHOCKS – SPRINGS NOT SHOWN.