

# Spohn Performance, Inc.

494 E Lincoln Ave Myerstown, PA 17067

1-888-365-6064 www.spohn.net

## Part #736 – Rear Coil Over Kit 1982-2002 GM F-Body

### **USE OF THIS PRODUCT IS ACCEPTANCE OF SELLER'S DISCLAIMER OF WARRANTY!**

By their very nature, competition components are constantly pushed to their limits. While our components are designed to withstand intense race conditions, it is impossible to control the quality of installation or the varying conditions in which they are used. It is for this reason that absolutely no warranty or guarantee is either written or implied. Neither the seller nor the manufacturer will be liable for any loss, damage, or injury – direct or indirect – arising from the use of or inability to determine the use of any product. Before using, the user should determine the suitability of the product for its intended use, and the user shall assume all responsibility in connection therewith. Spohn Performance, Inc. makes no guarantee as to the legality for any specific class. Spohn Performance, Inc. makes no claims, nor does it intend its products to be used in street driven vehicles. Spohn Performance, Inc. reserves the right to make changes in design or add to or improve on their product without incurring any obligation to install the same on product previously manufactured. The Buyer agrees to indemnify and hold Spohn Performance, Inc. harmless from any claim, action or demand arising out of or incident to the Buyer's installation or use of products purchased from Spohn Performance, Inc.

### **INSTRUCTIONS**

1. Lift the carpet inside the vehicle enough to gain access to the top shock mount through the floor pan. **Disconnect the vehicle's battery** (due to welding).
2. Raise vehicle and support with stands. Place a floor jack under the rear housing to allow lifting and lowering of the rear housing.
3. Remove rear wheels.
4. Install coil over shocks one side at a time. Disconnecting both rear shocks at the same time will cause the rear end housing to be very unstable!
5. With the rear supported by the floor jack, disconnect one rear shock and remove it completely from the vehicle. Remove the stock coil spring.
6. Install the top reinforcement plate. Placement will be self explanatory, you want to line up the hole in the plate with the shock mounting hole in the floor. Mark where your welds will be around the plate edges and around the i.d. of the plate cut out in the area of the stock spring seat. Remove the plate and sand the paint/dirt from the floor pan where the welds will be placed. Re-install the reinforcement plate, place a bolt and nut through the shock mounting hole to hold the plate firmly in place for welding. Weld the reinforcement plate into place using a MIG welder. Paint the plate and weld area.
7. Install the coil over shock as assembled to the bottom rear housing shock mount using the supplied clevis mount, bolts, washers, and nuts.

8. While guiding the top of the shock, jack up the rear housing until the top shock mounting clevis is lined up and against the mounting hole in the reinforcement plate. Install the top mounting bolt through the clevis mounting hole and install the top mounting nut and washer to secure the shock. Make sure the top clevis mount is square (front and back) and then fully tighten the top and bottom mounting bolts/nuts.

9. Repeat on the other side of the car.

10. Re-install wheels and lower the car to the ground.

11. With the car in neutral, roll the car front and back several times to seat the springs.

12. Check your ride height and make any desired adjustments. Each time an adjustment is made, repeat step # 11.

13. When you have achieved the desired adjustment, lock the spring seat jam nut tightly against the spring seat using the supplied spanner wrenches.

**Note:** Failure to lubricate the coil over threads with anti-seize or equivalent prior to adjusting ride height will cause damage to your shock absorber thus voiding the warranty. All ride height adjustments must be made with the vehicle weight completely unloaded from the suspension.

Installed pictures can be viewed at [www.spohn.net](http://www.spohn.net)