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Rear Coil Over Suspension for 1979-04 Mustang Installation Instructions (Read Carefully Before Starting Project)

Tools Required:

• Floor jack	• Lug wrench
• Jackstands	• Spring compressor
• ½" drill	• Inch and Metric combination wrenches
• Locking pliers	

Removal procedure:

1. Loosen the rear wheel lug nuts, raise the vehicle and support it securely on Jackstands. Remove the rear wheels.
2. Remove the upper shock absorber stem nut, washer and grommet (save these pieces, they will be reused). If the stem turns use locking pliers or very small open-end wrench to keep it from turning.
3. Remove the lower shock-mounting bolt. Remove the shock.
4. Remove the factory lower shock mounts.
5. Using a spring compressor, remove the factory coil spring.

Coil-over assembly:

1. Remove the lower rubber shock eye bushing from the shock absorber.
2. Install the o-ring into the threaded sleeve (Lakewood and Koni shocks only, Monroe GP shocks do not use the o-ring.)

Note: For Koni and Monroe GP shocks, the steel dust cover must be cut off. Koni shocks also require that the service nut be turned or ground down to 1.68" in diameter.

3. Install the aluminum-bronze shock eye bushing by holding them in place and sliding the safety sleeve over the shock absorber body and bushings. (**Note:** The holes in the expanded end of the safety sleeve should line up with the holes in the bushings.)
4. Slide threaded sleeve should line up with the holes in the bushings.
5. Thread on the adjusting ring and run it all the way down on the threaded sleeve. (**Note:** The shoulder on the adjusting nut faces upward.)
6. With the shock absorber fully extended, install the new coil spring, hat, and 2" diameter rubber grommet provided.

Installation (**Note:** It maybe necessary to remove the quad shock for adequate spring clearance.):

1. With the lower shock mount removed; Use a ½" drill to pin up the square hole in the axle directly above the bolt hole for that factory shock mount. Install the new lower shock mount with the hardware provided. Note: 5/16" thick spacer goes on the top stud between the mount and axle.
2. Install the coil-over assembly by positioning it in place and inserting the shoulder bolt through the lower mount, safety sleeve, and aluminum-bronze bushings. (**Note:** Be careful not to over tighten the 3/8" lock nut.)
3. Insert the shock absorber stem through the mount in the body by placing a jack under the axle and slowly raising it (make sure to center the stem in the mounting hole). From inside the car, install the factory grommet, washer and stem nut. Tighten the stem nut securely.
4. With the axle unsupported, thread the adjusting ring upward approximately 2-1/2 inches as an initial setting.

5. Re install the wheels, check to make sure all bolts are tightened securely and lower the car. If necessary, re-adjust height by raising the car by the frame, supporting it with jack-stands and turning the adjusting ring to the desired position.

LIMITED WARRANTY:

Granatelli Motor Sports warrants that all products shall be free from defects in materials and/or workmanship for ninety days from the date of purchase (except in-tank and in-line fuel pumps purchased at dealer or wd prices as these items have no warranty and roller rocker arms which have a 12-month limited warranty). The following requirements and exclusions apply: (1) You must be the original purchaser and must complete the warranty registration form (located at www.GranatelliMotorSports.com/warranty.asp) and return the defective product within 10 days after the expiration of the product warranty. Failure to do so voids all warranty, either express or implied set forth herein. (2) You must reside in the United States or Canada and use the product as described in the warranty registration. (3) The product must not have been altered, disassembled, modified, or converted for any other use than intended by Granatelli Motor Sports. (4) The product, or any part thereof, is not used in accordance with the operating parameters specified by Granatelli Motor Sports (5) The product or any part thereof is damaged or rendered unserviceable due to negligence, vandalism, theft, fire, debris, flood, Act of God, or other peril, malfunction of equipment, or by any cause within the Customer's control. (6) The serial number (if applicable) must not have been altered or removed. The extent of Granatelli Motor Sports' liability under this warranty shall be limited to the prompt correction or replacement, at Granatelli Motor Sports' option and at no cost to the customer other than return shipment, of any defective part of the product determined to be necessary by Granatelli Motor Sports. This only applies if written Granatelli Motor Sports received notice of the claimed defect prior to expiration of the warranty period. All warranties of merchantability and fitness for a particular purpose are expressly excluded. The duration of any and all implied warranties is limited to the duration of this express warranty. All incidental and consequential damages including but not limited to loss profits even if it has been advised of the possibility of such damages are hereby excluded. Regardless of the form of the claim, Granatelli Motor Sports liability for any damages to the customer for such product is limited to the guidelines herein. This stated, expressed warranty is in lieu of all liabilities or obligations of Granatelli Motor Sports for damages arising out of or in connection with delivery, use or performance of the product. This warranty cannot be amended or changed by any Granatelli Motor Sports representative, employee, or agent and any promises inconsistent with this warranty are void and unenforceable against Granatelli Motor Sports. Some states do not allow limitations of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may have other rights that vary from state to state. Your sole remedy for the above warranties is the repair or replacement of the defective product only, at Granatelli Motor Sports' sole discretion.

RETURN POLICY:

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