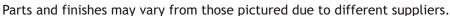
Vector Series™ INSTALLATION INSTRUCTIONS 1965-1970 Mustang





Vector Series kit contents:

- 4 3/8"-24x1" bolt
- 4 3/8" flat washer
- 4 3/8"-24 nylock nut
- 8 5/16"-24x1" bolt
- 8 5/16" flat washer
- 4 5/16" nylock nut
- 2 ½"-13 nut
- 2 ½" lock washer
- 2 5/8"x1/2"-13 shoulder bolt
- 2 shock mounts
- 2 shocks
- 2 springs
- T-Bar kit
- Bearing kit
- Spanner wrench set



- 1. Begin by performing a full inventory of the supplied parts based on the above list.
- 2. Double check and tighten the adjuster knob set screw on the shocks. The knob will still 'click' even when the set screw is loose. Use a 5/64" or 2mm allen key.
- 3. Place the car securely on jackstands and remove the front wheels. Disconnect the sway bar end links and unbolt the top of the shock. Remove the lower shock nuts, washers and rubber bushings. Now the shock can be removed out the top of the shock tower. PIC 1
- 4. If you have stock springs you will most likely need to use a spring compressor to remove them. Exercise extreme caution when using compressors. A compressed spring stores enough energy to seriously injure you or others close by.
- 5. Once the spring is removed the spring perch can be unbolted by

removing the two 3/8" nuts on the underside of the control arm.



6. Install the shock mounting bracket to the control arm using the supplied 3/8" bolts. Using a felt pen mark the bracket for the 5/16" bolt holes. PIC 2





7. Remove the bracket and drill two 5/16" holes in the control arm. Now reinstall the shock mount using all four bolts. Place flat washers under the heads of the bolts. Torque the 3/8" bolts to 40 ft/lbs and the 5/16" to 25 ft/lbs. PIC 3









- 8. Assemble the shocks by threading the stop nut and adjuster nut on to the shock body followed by the bearing stack. Next install the t-bar and snap rings in the upper eyelet and the 5/8" I.D. spacer in the lower eyelet bushing. PIC 4 and 5
- 9. Thread the adjuster nut all the way to the bottom and place the spring on the shock. Now install the shock and spring on the car using the 3/8" bolts on the top and the 5/8" shoulder bolt on the bottom. Secure the shoulder bolt with a lock washer and $\frac{1}{2}$ " nut. Torque to 40 ft/lbs. Make sure the spring is centered in the upper spring pocket. PIC 6 and 7
- 10. Check that there is no interference with the spring and the frame sheet metal or bump stop.
- 11. Reconnect the sway bar end links and reinstall the wheels. You can now adjust the ride height as desired. Keep in mind that the suspension needs to settle by driving it over a few small bumps or around the block once. It is easier to adjust the ride height with the weight off the suspension. Don't forget to tighten the lower lock nut after adjusting the ride height.

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1) Kit: Vector Series Mustang Coil-Overs	7) Were any of the kit parts: ☐ Damaged ☐ Missing
2) Where did you learn about this kit? Magazine Ad Friend Internet Search Forum Mechanic Catalog Car Show Other (specify)	If you checked any of the above boxes, did you contact our customer service department to resolve the problem? No
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□ Recommendation□ Testimonials□ Internet□ Forum□ Other (specify)	9) What did you like most about this kit? ☐ Instructions ☐ Hardware Supplied ☐ Ease of Install ☐ Price
4) Did you have any trouble understanding the written instructions? If yes, please explain. ☐ Yes ☐ No	☐ Final Performance ☐ Other:
5) Did you have any trouble understanding any	10) What did you like least about this kit? ☐ Instructions ☐ Hardware Supplied ☐ Ease of Install ☐ Price ☐ Final Performance ☐ Other:
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☐ Yes ☐ No	
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6) Was any of the installation difficult for you? If	
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