

Vector Series™ INSTALLATION INSTRUCTIONS 1965-1970 Mustang



Parts and finishes may vary from those pictured due to different suppliers.

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 1/2"-13 nut
 2 1/2" 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



Pic 1

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.



Pic 2

Installation

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



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 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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PRODUCT EVALUATION SHEET

Telling us what you like and don't like determines what we make and how we make it. We would appreciate it if you would take just a few minutes of your time to answer the following questions about the parts you ordered from us. Simply fold this form on the dotted lines, seal with tape and mail it to us. *Do not use staples and make sure our address faces out.* SpeedDirect will not disclose the information it collects to outside parties. SpeedDirect does not sell, trade or rent your personal information to others. Your privacy is important to us.

1) Kit: Vector Series Mustang Coil-Overs

2) Where did you learn about this kit?

- Magazine Ad Friend
- Internet Search Forum
- Mechanic Catalog
- Car Show
- Other (specify) _____

3) What influenced you the most to buy this kit?

- Magazine Ad Price
- Recommendation Testimonials
- Internet Forum
- Other (specify) _____

4) Did you have any trouble understanding the written instructions? If yes, please explain.

- Yes No

5) Did you have any trouble understanding any of the photographs? If yes, please explain.

- Yes No

6) Was any of the installation difficult for you? If yes, please explain.

- Yes No

7) Were any of the kit parts:

- Damaged Missing

If you checked any of the above boxes, did you contact our customer service department to resolve the problem?

- Yes No

8) Were they helpful in resolving the problem?

- Yes No

9) What did you like most about this kit?

- Instructions Hardware Supplied
- Ease of Install Price
- Final Performance Other:

10) What did you like least about this kit?

- Instructions Hardware Supplied
- Ease of Install Price
- Final Performance Other:

11) Have you driven/used the product and are you satisfied with the final installation?

Please explain:

- Yes No

12) What is your age group?

- 18-29 30-39 40-49
- 50-59 60-69 70+

We care about what you think. Is there anything else you would like to tell us or any products you would like to see us make in the future?

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