



2005-2014 Mustang SVE Coilover Kit Installation Instructions

*Vehicle alignment must be completed after installation of this kit.

Front

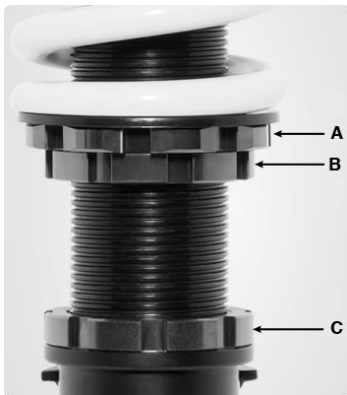
1. Support the car via a lift or jacks stands.
2. Remove the wheel.
3. Remove the sway bar end link from the strut body and sway bar.
4. Remove the sensor and brake hose bracket from the strut body.
5. Remove the two strut to spindle retaining nuts.
6. Remove the two bolts and let the spindle hang or support it with a jack.
7. Pop the hood and support it via the prop rod.
8. Loosen and remove the four strut mount retaining bolts.
9. Remove the factory strut and spring assembly from the car.
10. Position the SVE coilover assembly into car.
11. Tighten the four provided strut retaining nuts and torque to 26 ft/lbs.
12. Position the spindle into the strut and reinstall the two bolts in the same orientation as you removed them.
13. Tighten the previously removed nuts and then torque to 166 ft/lbs.
14. Reattach the sensor and brake hose bracket to the strut body.
15. Torque the brake hose bracket bolt to 177 in/lbs.
16. Reinstall the factory sway bar end link and torque the retaining nuts to 85 ft/lbs.
17. See Adjustment Procedure Below
18. Reinstall the wheel.
19. Repeat these steps for the other side.

Rear

1. Remove both wheels.
2. Remove the upper sway bar end link hardware that attaches the end link to the body. (Note the hardware orientation)
3. Allow the sway bar to swing down out of the way.
4. Remove the bolts securing the brake hose brackets to the body.

5. Support the rear end center section with a jack.
6. Remove the lower shock retaining nuts and bolts. (Note the hardware orientation)
7. Lower the jack and then remove the rear springs from the car.
8. Pop the trunk and remove the trunk carpeting from the rear and sides to expose the upper shock hardware.
9. Remove the hardware and then remove the shock from the car.
10. Install the provided lower washer and bushing to the new shock.
11. Position the shock through the trunk floor.
12. Install the provided upper bushing and washer, and then torque the provided retaining nut to 30 ft/lbs. (Do not use the nut that comes pre-packaged with the washers and bushings)
13. Repeat these steps for the other side and then reinstall the trunk carpeting.
14. Leave the factory isolator in place and position the provided spring adjustment perch over the isolator.
15. Make sure the provided isolator is installed onto the adjustment perch.
16. Position the supplied spring over the adjustment perch.
17. Jack up on the rear end and then reinstall the lower shock hardware.
18. Torque the nuts to 85 ft/lbs.
19. Retighten the brake hose bracket bolt and torque to 177 in/lbs.
20. Re-position the sway bar end link and hardware.
21. Torque the nuts to 85 ft/lbs.
22. See Adjustment Procedure Below
23. Reinstall wheels.

Front Adjustment



Off Spindle

1. Unlock collar C by turning counter-clockwise.
2. Rotate the spindle mount up to lower the car or down to raise the car.
3. Once desired ride height is achieved, tighten collar C against the spindle mount.

On Spindle

1. Before rotating collars A and B, make sure that they are tightened against each other.
2. Loosen collar C.
3. Turn collar B counter-clockwise to raise the car or turn collar A clockwise to lower the car.
4. Once desired ride height is achieved, tighten collar C against the spindle mount.

Notes

- Be sure and count the number of rotations so you can repeat these steps for the other side.
- Adjustments must be made with the wheel removed from the car.

Rear Adjustment

1. Thread the locking collar and adjustment collar to the bottom of the perch.
2. Rotate the adjustment collar with the provided spanner wrench.
3. By turning the collar toward the top of the perch, you will raise the vehicle.
4. Once desired ride height is achieved, run the locking collar up against the adjustment collar, and use the spanner wrenches to tighten both collars.

Notes

- Be sure and count the number of rotations so you can repeat these steps for the other side.