

1993-1998 Lincoln Mark VIII

4.6 Liter V8

Front and Rear Coil Spring Conversion Installation Guide



1993-1998 Lincoln Mark VIII Front Coil Spring Conversion Instructions.

1. Turn air suspension switch to the off position. (Switch is located on the driver side of the trunk)
2. Raise vehicle with proper lifting equipment. The tires must be off the ground. Suspension must be fully down with no load. **ALWAYS USE EXTREME CAUTION WHEN LIFTING VEHICLE!** (Refer to shop manual for lifting instructions)
3. Remove wheel.
4. Unhook the height sensor from the upper control arm.



5. Remove solenoid-retaining clip. ↑



6. Rotate solenoid counterclockwise to the first stop, then pull down on solenoid. ↑ Rotate again and remove solenoid.



7. Remove the shock tower cover from over air spring attachments in engine compartment. Remove the three nuts retaining air spring.



8. Remove lower nut and bolt to detach strut from front suspension arm support.

9. Carefully remove old air strut from suspension.
10. Unhook upper control arm from the front wheel spindle. (Remove upper spindle to ball joint bolt and nut. Slightly spread spindle at slot and remove ball joint from upper control arm.)
11. Position and fasten the three upper studs through shock tower, and loosely assemble the three nuts and collar. (Refer to step 7)
12. Place lower end of the strut over lower suspension arm and loosely assemble with nut and bolt. (Refer to step 8)
13. Tighten three upper nuts. (Refer to step 11)
14. Attach the spindle back to the upper control arm. (Refer to step 10)
15. Tighten the lower shock absorber nut. (Refer to step 12)
16. Hook height sensor back to upper control arm. (Refer to step 4)
17. Replace wheel and lower vehicle.

REAR

1993-1998 Lincoln Mark VIII Rear Coil Spring Conversion Instructions.

1. Turn air suspension switch to the off position. (Switch is located on the driver side of the trunk)
2. Raise vehicle with proper lifting equipment. The tires must be off the ground. Suspension must be fully down with no load. **ALWAYS USE EXTREME CAUTION WHEN LIFTING VEHICLE!** (Refer to shop manual for lifting instructions)
3. Remove both rear wheels.
4. Remove solenoid-retaining clip.
5. Rotate solenoid counterclockwise to the first stop, then pull down on solenoid. Rotate again and remove solenoid.



6. Unhook the height sensor arm. (Sensor is located on the driver side.) ↑



7. Hold down the metal locking tab at the top the air spring and rotate the spring to disengage the air spring cap from the body.



8. Remove air spring from lower control arm. ↑



9. Disconnect the stabilizer bar link. ↑



10. Remove upper rear suspension arm and bushing bolt and nuts.



11. Remove bolt from the bottom of the rear shock.



12. Rear suspension ready to install coil spring.



13. Install bottom spring seat in lower control arm. Bolt the aluminum spring pilot in place.



14. Carefully install the new rear coil spring over the bottom spring pilot. ↑



15. Spay the top of the coil spring with a lubricant. Push the top of the coil spring in place. **Make sure the center Dow pin is in the correct hole.**

16. Place the floor jack under the lower control arm so you can compress the coil spring.
17. Bolt stabilizer bar link back to the lower control arm. (Refer to step 9)
18. Replace the bolt and nut to the upper rear suspension arm. (Refer to step 10)
19. Replace bottom rear shock bolt. (Refer to step 11)
20. Hook the driver side rear height sensor back up. (Refer to step 6)



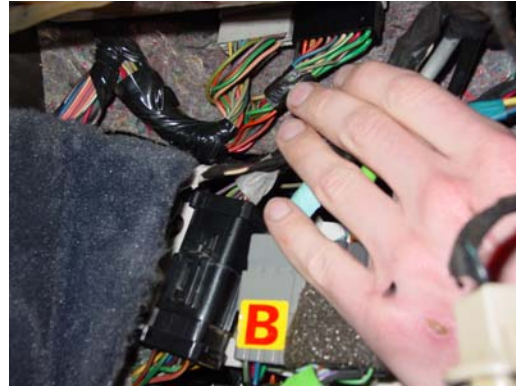
Rear coil spring installed.

21. Replace wheel and lower suspension.

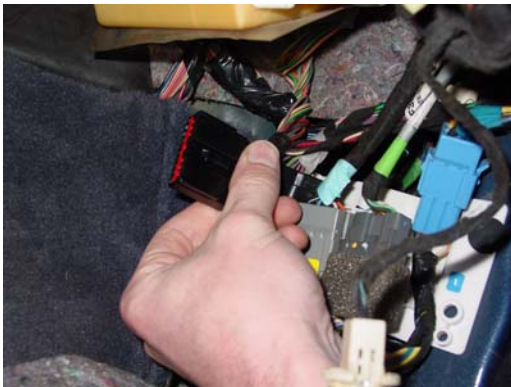
Immobilizing your air suspension system. 1993-1998 Lincoln Mark VIII



1. Remove kick plate from under the passenger side of the dash.



2. Locate the air suspension module. The module has a black and a gray connector going to it.



3. Unplug the black connector going to the module.

This will disarm the air suspension system. Do not cut any of the wires. Leave the system whole in case you ever want to put air suspension back on the vehicle.