

CK1000 & CS1000 - Coil Spring Rear Air Ride Conversion Kit

1992-2011 Mercury Grand Marquis • 1992-2011 Ford Crown Victoria • 1989-2011 Lincoln Town Car

NOTE: The contents of this kit are meant to provide an economical alternative to replacing the originally installed air suspension components and to restore the standard ride height. These parts are manufactured and designed to be a direct replacement for vehicles that have not been altered or customized.

WARNING: BEFORE BEGINNING THIS INSTALLATION, READ ALL OF THESE INSTRUCTIONS THOROUGHLY. ALWAYS CONSIDER YOUR PERSONAL SAFETY WHEN WORKING NEAR OR UNDERNEATH A RAISED VEHICLE. NEVER WORK UNDER A VEHICLE ONLY SUPPORTED BY A JACK ALONE. ALWAYS USE THE CORRECT SAFETY STANDS TO SUPPORT THE VEHICLE.

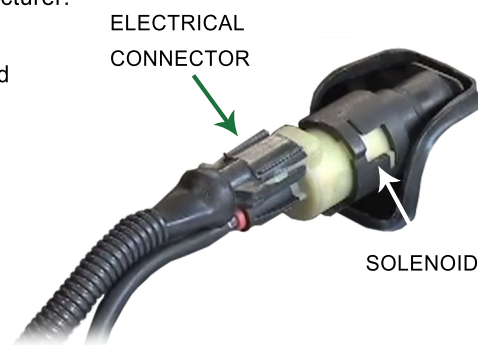
WARNING: Prior to servicing the air suspension system on your vehicle, be sure to turn off the air suspension switch, located in the trunk area. You will also want to disconnect the negative battery cable and secure it out of the way.

WARNING: You must first bleed the air spring completely before servicing. Do not attempt to disassemble any air suspension components that still have pressure in the air spring.

TO BLEED THE AIR SPRINGS:

1. Safely raise the vehicle and support it at the proper points as suggested by the manufacturer.
 2. Support the rear axle with either a floor jack or other adjustable lifting mechanism.
 3. There is one electrical connection at the top of the air spring. Unplug this connector and secure it out of the way. This will no longer be needed.
 4. Remove the solenoid clip and rotate the solenoid counter-clockwise to the first stop.
 5. Slowly pull the solenoid out to the second stop to release the air from the air spring.
- **DO NOT ROTATE THE SOLENOID PAST THE SECOND STOP UNTIL ALL OF THE AIR HAS BEEN EVACUATED FROM THE SYSTEM.****
6. Once all of the air is out, continue to rotate the solenoid counter-clockwise to the third stop and remove it completely from the air spring.

The air springs should be fully bled and you can now move on to removal of the old air springs.



REMOVING THE AIR SPRINGS:

1. Remove the lower mounting bolt on the rear shock. This will allow the rear axle to drop down and provide additional room to remove the old air spring and install the new replacement coil spring. Be careful not to put stress on the brake lines when disconnecting the lower shock mount. You may need to loosen the brake line brackets to provide additional slack on the lines and prevent damaging them.
2. There is a spring retaining clip located at the top of the air spring. Remove this clip and the old air spring should be free to remove from the vehicle.

INSTALLATION OF THE REPLACEMENT SPRINGS:

1. The new coil springs are installed with the closer coils positioned up. Your kit should have come with four rubber isolator pads. Use one of these pads on each end of the spring. Place the pad between the end of the spring and the spring seats on the vehicle, top and bottom.
2. Position the axle to allow the bottom of the previously disconnected shock to be reattached. Be sure that the spring is properly seated at the top and bottom before reattaching the shock. Reattach the shock.
3. Be sure to reconnect any previously removed or loosened brake line brackets.
4. Replace wheels and lower the vehicle.

NOTE: COILS CLOSER TOGETHER GO ON THE TOP

COILS CLOSER TOGETHER
TOP

COILS FURTHER APART
BOTTOM

