



AIR DITCHER

AIR TO COIL CONVERSION KIT

2000-2005 Cadillac Deville



This product is intended to modify your vehicle and replace the existing air controlled suspension components with a passive coil and shock system. The system has been designed and extensively tested to provide the same ride quality and height as the O.E.M. system.



This conversion kit requires the removal of the stock coil spring, which may be under compression. Proper procedure must be followed to minimize risk of personal injury and product damage.

General Precautions

When servicing any vehicle be sure to follow all safety procedures.

First, make sure that when lifting the vehicle that you are using the appropriate jack for the weight of the vehicle.

Make sure before going underneath any vehicle that it is properly supported with sturdy jack stands and on level ground so that the vehicle doesn't fall or slide off of the jack and onto you.

As with any automotive repair, make sure you have the appropriate tools to do the job so you don't damage any parts on the vehicle. There is a list of tools needed included in these instructions.

Safety glasses and mechanic gloves should also be worn for your protection.

Be sure to follow the instructions in the order that they are given. The instructions are in a certain order for a reason and improper installation could lead to damage to your vehicle or the parts. Keep in mind that if you damage the parts during installation you will be responsible for the replacement parts.

Included In This Conversion Kit

2x Complete Strut Assemblies



Minimum Tools Needed For This Installation



Metric Hand Tools (Sockets/Wrenches)



Jack and Jackstands

! WARNING

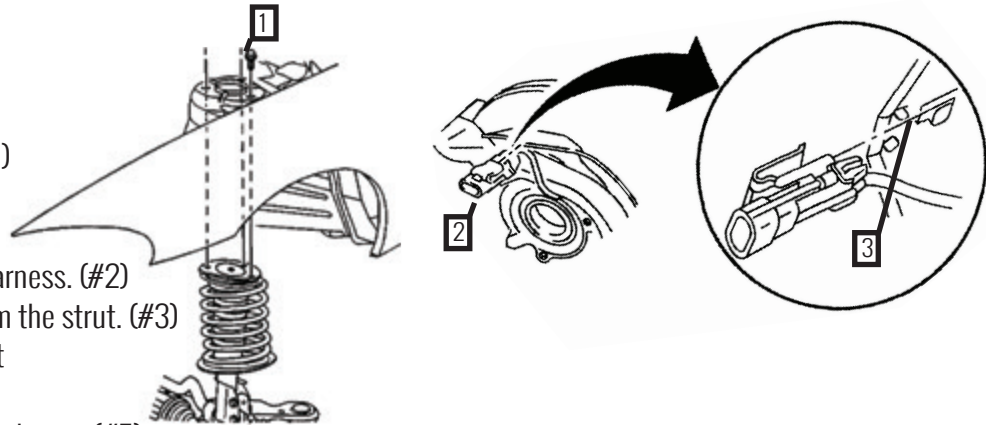
Our complete strut assemblies are completely assembled from the factory. These units contain a coil spring under compression. **DO NOT** ever loosen the top mount main bolt for prevention of both physical harm and vehicle damage.

CAUTION

Once you are ready to disable the ride light, you will need to disconnect the ground battery cable (-) to prevent electrical shock and/or malfunction.

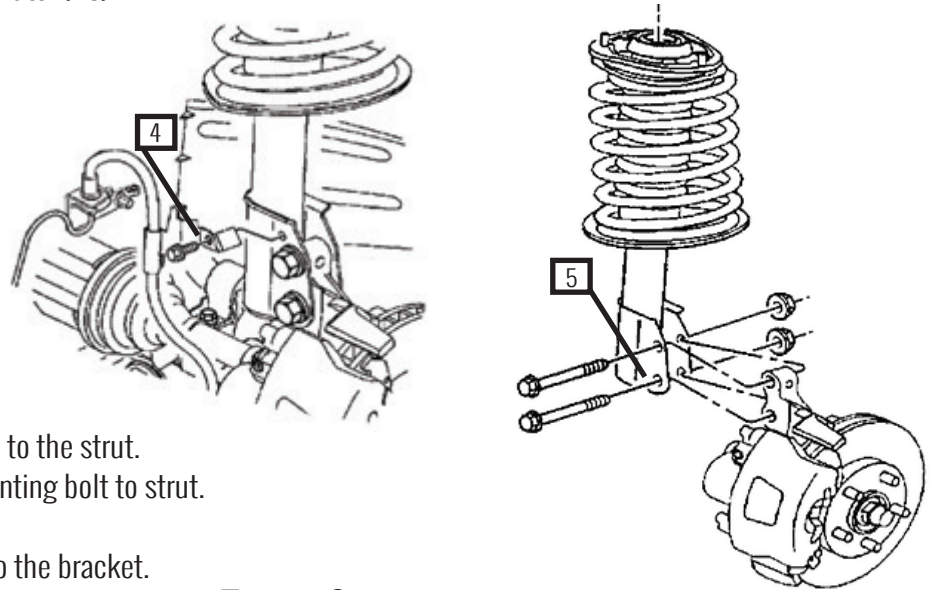
Removal

1. Remove the upper strut mounting bolts. (#1)
2. Raise and support the vehicle.
3. Remove the tire and wheel.
4. Disconnect the wheel speed sensor wiring harness. (#2)
5. Remove the wheel speed sensor bracket from the strut. (#3)
6. Remove the brake line bracket mounting bolt and bracket from the strut. (#4)
7. Remove the strut to steering knuckle bolts and nuts. (#5)
8. Remove the strut from the vehicle.



Installation

1. Lower the vehicle.
2. Install the strut to the vehicle.
3. Install the upper strut mounting bolts.
4. Raise the vehicle.
5. Install new strut to steering knuckle
6. Install the brake line bracket and mounting bolt to the strut.
7. Install the wheel speed sensor bracket and mounting bolt to strut.
8. Install the wheel speed sensor bracket to strut.
9. Install the wheel speed sensor wiring harness to the bracket.
10. Install the wheel and tire.
11. Lower the vehicle.



Torque Specifications

Upper Strut Mount Nuts	30 ft. lbs
Lower Strut Mount Nuts.....	108 ft. lbs
Speed Sensor Bolts.....	13ft. lbs

Ride Light Disabling

Remove 30AMP ELC Fuse under rear right seat cushion
Remove ELC RELAY From front engine compartment