

INSTALL/REMOVAL INSTRUCTIONS: AIR SUSPENSION CONVERSION KIT

ATTENTION: Refer to the appropriate shop manual for your vehicle to obtain specific service procedures for this part. If you do not have a service manual or lack the skill to install this part, it is recommended that you seek the services of a qualified technician. Pay special attention to all cautions and warnings included in the shop manual. Read and follow all instructions carefully.

Air Suspension Conversion Kit General Installation Instructions

When servicing any vehicle be sure to follow all safety procedures. First, make sure that when lifting the vehicle that you use an appropriate jack with a proper weight rating. Before going underneath any vehicle, make sure 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. Safety glasses and mechanic's gloves should also be worn for your protection.

Take care not to exceed the Gross Vehicle Weight Rating (GVWR), or the maximum load recommended by the manufacturer. It is important that all the vehicle owner manuals recommendations are followed for your own safety and to prevent damage to the vehicle.

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

Disclaimer:

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Installation Instructions

Cadillac Eldorado 1994 - 1995

Cadillac Seville 1993

Front

Parts included in this kit

- (2) Fully assembled coil over struts
- (1) Relay



Tools needed for installation

- Metric socket set
- Floor jack
- Jack stands
- Metric wrenches
- Screwdrivers (Phillips and flat head)
- Wire cutter/stripper/crimping tool
- Level work surface
- Spring compressor (if applicable)
- Allen wrenches

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Cadillac Suspension Warning Light Disarming Check List

- Remove negative cable from battery before installing kit.
- Follow kit installation instructions ensuring all steps have been successfully completed.
- Install electronic components as instructed.
- Ensure height sensors remain plugged in.
- Reattach battery cable.
- Clear all present & past OBD codes. See owner's manual about clearing codes. This process may require a scan tool.
- If installing a rear kit pull the compressor fuse (30 to 50 amp) located in the engine or trunk compartments.

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Cadillac Eldorado 1994 - 1995

Cadillac Seville 1993

Front Installation Instructions

Front Removal Instructions

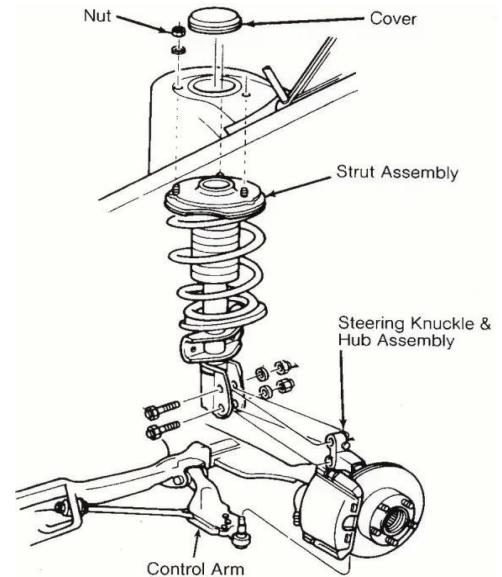
1. Raise and support vehicle, allowing suspension to hang free. Remove wheels.

Note: Whenever working near the drive axles, care must be taken to prevent inner tri-pot joints from being overextended. Overextension of the joint could result in separation of internal components which could go undetected and result in failure of the joint. Care should be taken to avoid scratching or cracking the spring coating when handling the front suspension coil spring. Damage can cause premature failure.

2. Remove (3) 15mm nuts securing strut mount to body (Do not remove large 24mm nut on top of strut shaft).

3. Disconnect link rod at lower control arm for road sensing suspension (if equipped). Mark strut in relation to steering knuckle for installation. (On some models the lower strut to steering knuckle bolt serves as the Camber alignment set point. (See Fig. 1)

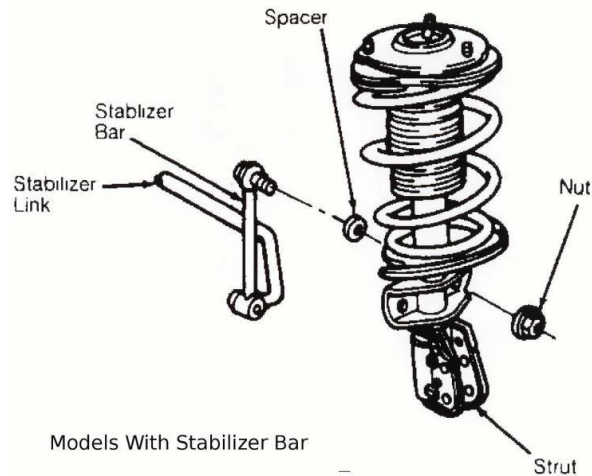
Fig. 1



4. Remove brake line bracket from strut.

5. Remove the stabilizer link from the strut (If equipped). (See Fig. 2)

Fig. 2



Models With Stabilizer Bar

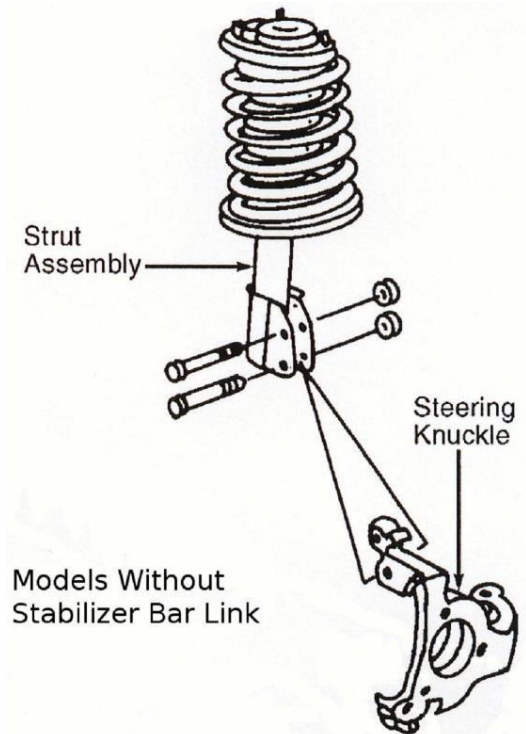
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- 6. Remove nuts and bolts securing strut to steering knuckle (support steering knuckle with wire to prevent inner shaft joint separation). (See Fig. 3)**

Fig. 3



- 7. Remove the strut assembly from the vehicle.**

Front Installation Instructions

Read instructions carefully before installation. If there are problems during the installation, call our Technical Support Line.

- 1. Reassemble and install, in reverse order of removal.**
- 2. Tighten all mounting hardware to the manufacturer's torque specifications. (Replace any suspect hardware)**

Shim Blocks - If your model has tapered shafts on the stabilizer links, you must use the included shim block on the strut wing bracket. Install the shim blocks opposite of the stabilizer link arm (Inside the channel on the strut) and tighten the link bolt securely.

Read instructions carefully before attempting installation. If there any problems during the installation, call our Technical Support Line.

Use the following instructions to disable the suspension warning light

- **Disconnect the negative cable from the battery.**
- **Locate the vehicle's control module which is located in the trunk behind the trim panel.**
- **Before cutting any wires, use the diagrams and instructions to identify the correct wires and locations that will be used.**
- **Install the relay per the instructions ensuring that all connections are correct.**
- **Reconnect the negative battery and confirm that the suspension warning light is not illuminated.**

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Note: If the suspension light is still illuminated, recheck all connection made at the vehicle's control module. Also, check and clear all OBD diagnostic codes and test drive the vehicle. If the suspension warning light remains illuminated there is a fault with one of the vehicle's height sensors or possibly the control module itself.

Air Suspension Light Disarm Instructions

Read instructions carefully before installation. If there are any problems during the installation, call our Technical Support Line.

1993 Eldorado and Seville with Speed Sensitive (SSS)

- Locate and cut circuit 1020 (Pink)
- Attach the IPC side of circuit 1020 to pin 4 (87A) of the relay
- Attach the module side of the circuit 1020 to pin 1 (86) of the relay
- Run a ground wire to relay pin 3 (30)
- Run a wire from switched ignition (hot in run) source to relay pin 2 (85)

1994 - 1995 Deville with Speed Suspension (SSS)

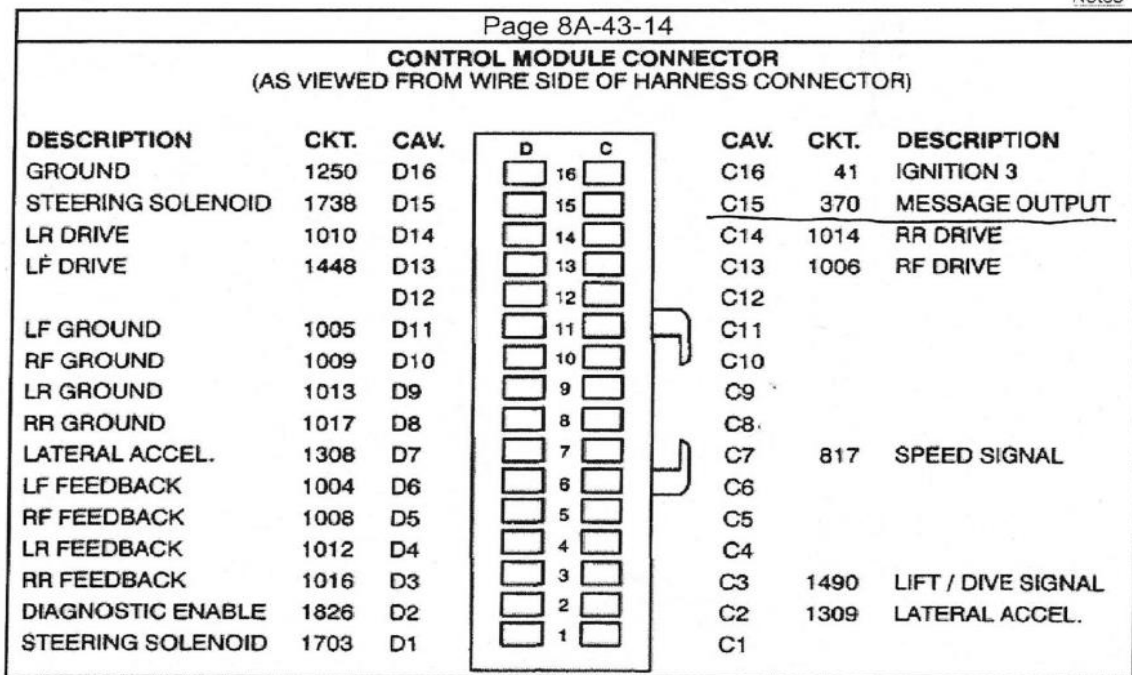
On the suspension control module, located in the trunk under the front trim panel:

- Locate and cut circuit 370 (RED)
- Attach control module circuit 370 to pin 1 (86) of the relay
- Attach the IPC side of circuit 370 to pin 1 (86) of the relay
- Run a ground wire to relay pin 3 (30)
- Run a wire from switched ignition (hot in run) source to relay pin 2 (85)
- Tape any exposed wires or connectors to prevent them from touching any exposed metal.

Connector Locations

Locations

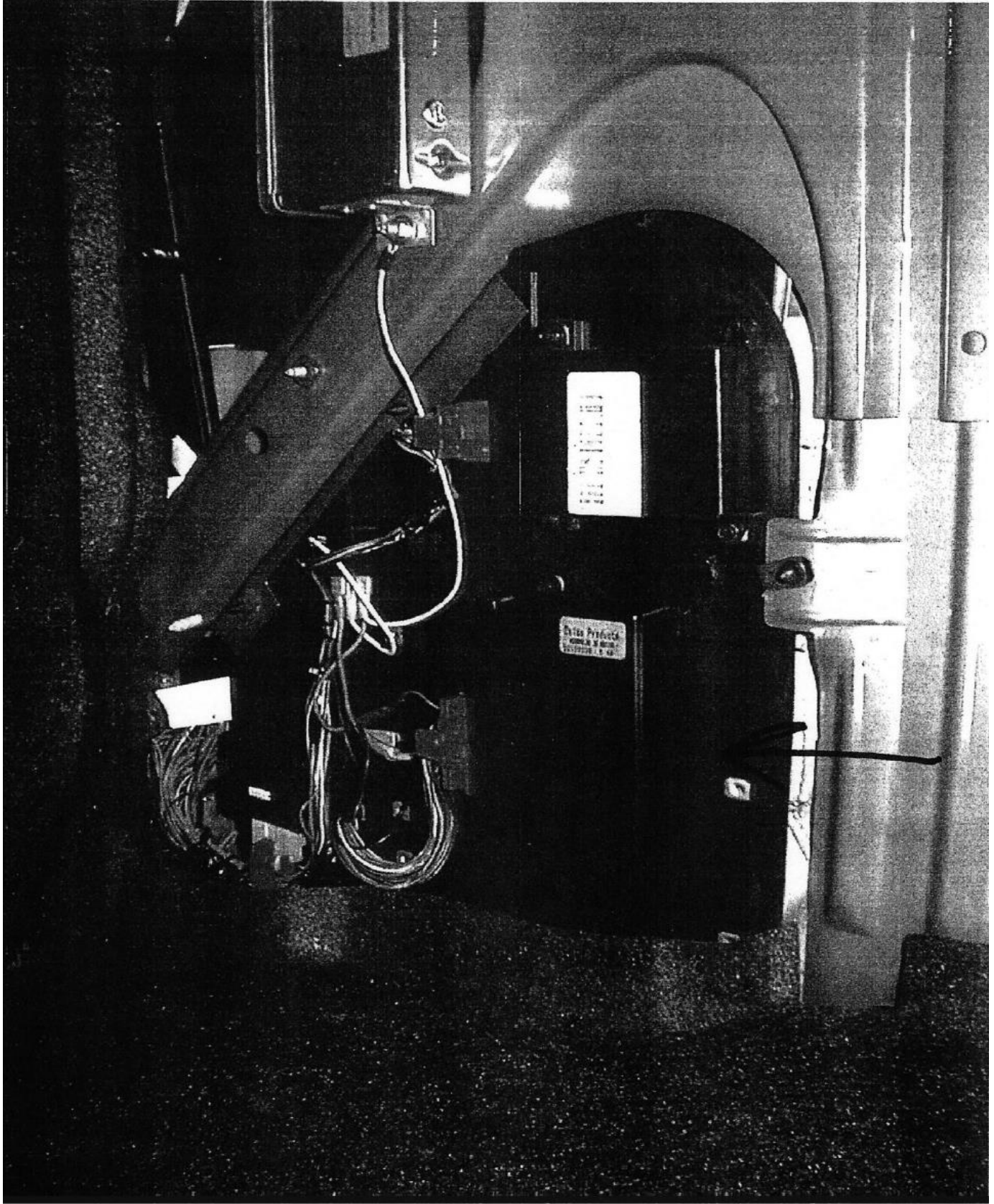
Notes



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ELECTRONIC SUSPENSION (DEVILLE) SPEED SENSITIVE SUSPENSION

