



AIR DITCHER

AIR TO COIL CONVERSION KIT

**07-11 Chevy Avalanche • 07-11 Chevy Suburban 1500
07-11 Chevy Tahoe • 07-11 GMC Yukon • 07-11 GMC XL 1500**



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



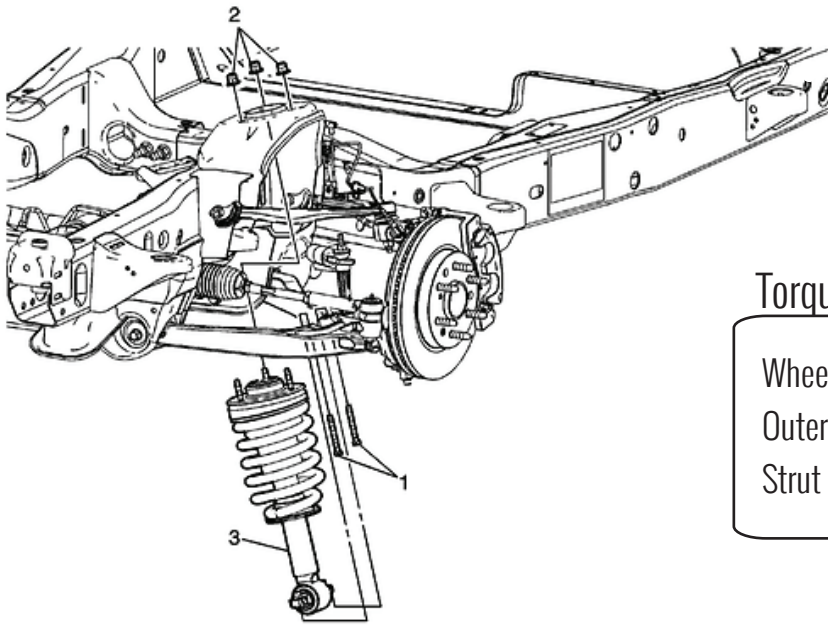
WARNING

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.

Instructions



1. Outer Tie Rod Bolts
2. Upper Strut Mounting Bolts
3. Complete Strut Assembly

Torque Specifications

Wheel Lug Nut.....	105 ft. lbs
Outer Tie Rod.....	40 ft. lbs.
Strut (Tower) Mounting Nut	35 ft. lbs.

1. Raise and support the vehicle
2. Remove front wheels and tires.
3. Disconnect outer Tie Rod from the steering knuckle.
4. Support control arm with suitable floor jack.
5. Remove Upper Strut Mounting Bolts
6. Remove Complete Strut Assembly.

Installation is the reverse of removal

Ride Light Disabling

After replacing the air suspension on your car, you will have a light on your dash appear. This is quite normal and is easily rectified with absolutely no cause for alarm. Every system available for conversion will have this issue as the O.E.M. systems report suspension levels to the computer and passive replacement systems do not. This will not effect your ride height or ride quality at all, nor cause any damage to your vehicle.

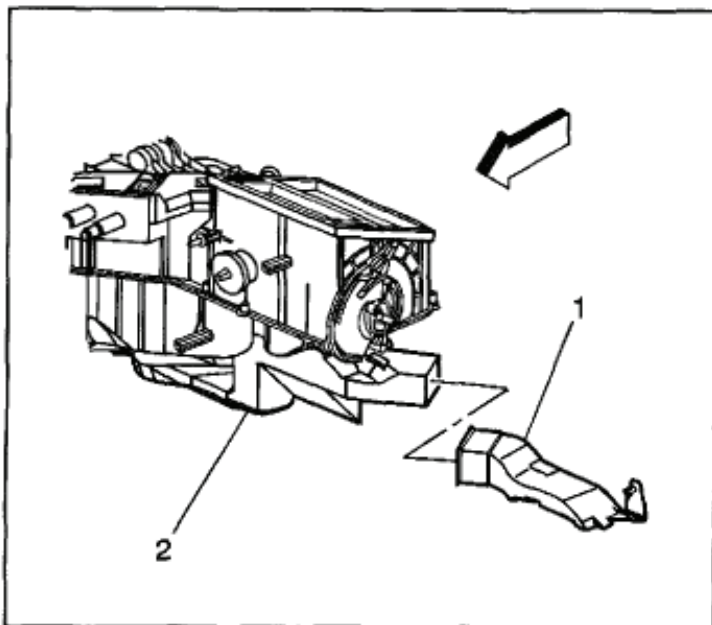
Supplied in this kit is a resistor that needs to be wired into the signal wire of the ride height sensor attached to the mounting points of the struts.

They are located near the rear wheels, under the little plastic fender lining toward the front part of the inside of the fender.

It is just a little rod that is attached to the suspension on one end and to a rotary device on the other end. as the suspension moves up and down, the rod pushes on the rotary device. The rotation of the device will determine how loaded your vehicle is.

This sensor will give the on / off command to the pump in the autoride unit. The upper part of the level sensor rod is tied to the suspension

through a small ball joint. When you pull that ball joint firmly, the rod will come out, freeing the sensor. When the sensor is free, cut and splice the supplied resistor to the GREEN wire and re-install your sensor. This will make the truck's computer think the autoride is at full height turning off the ride light suspension warning and disabling the compressor.



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