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Part # 11134010
63-65 Buick Riviera & 61-64 LeSabre, Invicta

Components:

2	90006873	Air spring – 8" diameter, double convoluted, 1/4" port
2	90000070	Lower air spring roll plate
2	90000291	Upper washer
2	90000298	Upper cup brackets (Tall)
2	90000299	Upper bracket cap (Short)

Hardware kit:

2	99371003	3/8" x 1" USS bolt	Air spring to axle
2	99373005	3/8" lock washer	Air spring to axle
6	99373003	3/8" SAE flat washer	Air spring mounts
4	99372002	3/8" USS Nylok nut	Air spring to upper cup bracket
2	99435002	7/16" x 8" stud	Upper cup bracket to frame
2	99432001	7/16" USS Nylok nut	Upper cup bracket to frame
2	99433002	7/16" flat washer	Upper cup bracket to frame

Shock:

2	986-10-033	HQ Series Shock Cartridge
4	70011138	3/4" ID Shock Bushing
2	90002103	5/8" ID Shock Sleeve
2	70011194	7/16" ID Shock Sleeve

COOL RiDE®

Installation Instructions

1. Raise and support vehicle at a safe and comfortable working height.
2. Support the axle then remove the coil spring and shock. Refer to service manual for proper disassembly procedure. The studs in the upper coil spring mount must be removed. To help keep the axle in place, do one side at a time.

***** For Use With RideTech Shock Kit *****



3. Apply thread sealant to a straight air fitting and screw it into the top of the air spring.

4. Place the upper cup (tall) on top of the air spring and fasten with two 3/8" Nyloc nuts and flat washers. Thread the 8" stud into the nut in the bottom of the cup. The upper cup cap (short) will sit on top with the flat plate on top. The airline must be routed at this time. The assembly will be secured to the upper coil spring mount with the large washer and a 7/16" Nyloc nut and flat washer as shown in the picture.



5. Place the lower air spring plate on top of the lower arm. Raise the axle up to the air spring and fasten with a 3/8" x 1" bolt, lock washer and flat washer.

6. Install the new shock absorbers with the adjuster knob on the bottom for easy access.

7. Ride height on this air spring is approximately 5" tall. This may vary to driver preference.

Shock adjustment 101- Single Adjustable

Rebound Adjustment:

How to adjust your new shocks.

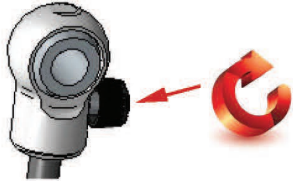
The rebound adjustment knob is located on the top of the shock absorber protruding from the eyelet or stud top. You must first begin at the ZERO setting, then set the shock to a street setting of 12.



-Begin with the shocks adjusted to the ZERO rebound position (full stiff). Do this by rotating the rebound adjuster knob clockwise until it stops.

-Now turn the rebound adjuster knob counter clock wise 12 clicks. This sets the shock at 12. (settings 21-24 are typically too soft for street use).

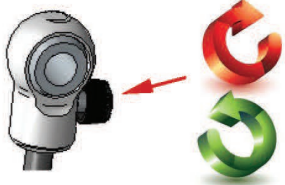
Take the vehicle for a test drive.



-if you are satisfied with the ride quality, do not do anything, you are set!

-if the ride quality is too soft increase the damping effect by rotating the rebound knob clock wise 3 clicks.

Take the vehicle for another test drive.



-if the vehicle is too soft increase the damping effect by rotating the rebound knob clock wise 3 additional clicks.

-If the vehicle is too stiff rotate the rebound adjustment knob counter clock wise 2 clicks and you are set!

Take the vehicle for another test drive and repeat the above steps until the ride quality is satisfactory.

Note:

One end of the vehicle will likely reach the desired setting before the other end. If this happens stop adjusting the satisfied end and keep adjusting the unsatisfied end until the overall ride quality is satisfactory.