



350 S. St. Charles St. Jasper, In. 47546

Ph. 812.482.2932 Fax 812.634.6632

www.ridetech.com

Part # 11324010
78-88 GM "G" Body Rear CoolRide Kit

COOLRIDE KIT

Components:

2	90009000	Tapered sleeve air spring
2	90000319	Upper cup bracket (offset tube & ears)
2	90000290	Lower rear air spring plate 5.5"
2	90000291	Lower rear air spring washer 2.5"
2	90000224	Upper washer 4" (may not be needed)

Hardware:

4	99371001	3/8" x 3/4" USS bolt	Air spring to upper cup bracket
6	99373005	3/8" lock washer	Air spring mounting
2	99435003	7/16" x 2" stud	Upper cup bracket to frame
2	99432001	7/16" USS Nylok nut	Upper cup bracket to frame
2	99433002	7/16" SAE flat washer	Upper cup bracket to frame
6	99373003	3/8" SAE washer	Air spring mounting
2	99371004	3/8" x 1 1/4" USS bolt	Air spring to axle

SHOCK KIT

Shock:

2	22989999	HQ Smooth Body Shock Cartridge
2	70011139	5/8" ID Shock Bushing
2	70011138	3/4" ID Shock Bushing
2	90002103	5/8" ID Shock Sleeve
2	90002068	Wide Trunnion

Components:

2	90000471	Aluminum shock spacer
2	90001619	Shock stud

Hardware:

4	99311001	5/16" x 1" USS bolt	Shock to frame
8	99313002	5/16" SAE flat washer	Shock to frame
4	99312003	5/16" USS Nylok nut	Shock to frame

COOLRiDE[®]

by Air Ride Technologies

CoolRide Kit 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. To help keep the axle in place, do one side at a time.

***** Must Use RideTech Rear Shock Kit *****



3. Apply thread sealant to a 90 deg. air fitting and screw it into the top of the air spring.

4. Place the upper air spring bracket on top of the air spring and secure with two 3/8" x 3/4" bolts, flat washers, and lock washers.

5. Thread the 2" stud into the nut in the bottom of the bracket.



6. Hold the air spring assembly up to the coil spring pocket with the stud protruding through the hole in the center of the coil spring pocket. Place the 4" diameter washer over the stud and tighten with a 7/16" Nyloc nut and flat washer.

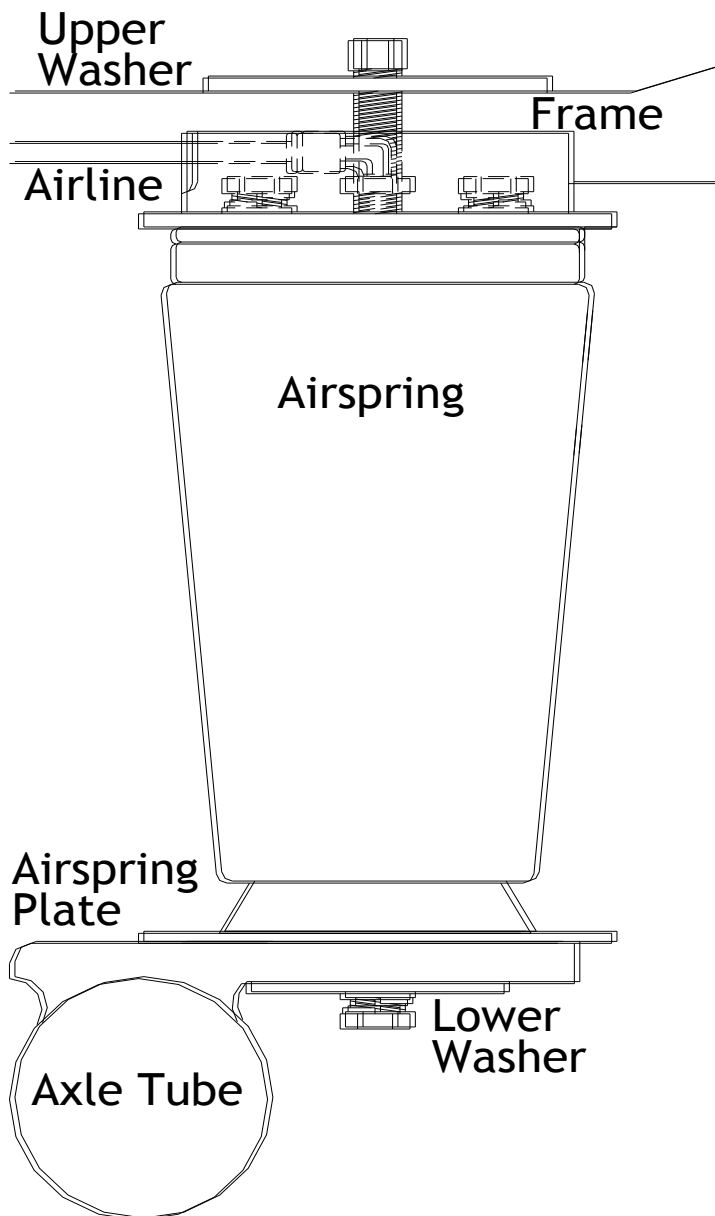
Note: Some cars have a small hole in the frame and will not need the 4" washer.



7. Place the air spring plate over the lower coil spring mount on the axle. Extend the air spring so the bottom of it seats on top of the plate. Some cars will require trimming of the coil spring retainer to allow this.

8. Use the 3/8" x 1 1/4" bolt and 2.5" washer to secure the air spring to the axle.

9. Install the new shocks using the hardware supplied.



10. Check air spring clearance with exhaust and anything else that could rub against it. **Abrasion will cause air spring failure and is not a warrantable situation.**

11. Driving height on this air spring is 8 1/2"-9" tall. Maximum extended height is 12", minimum compressed height is 4 1/2". Allowing this air spring to exceed these dimensions will cause failure. The shock absorber and factory bump stop should keep the air spring within these limits.