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Part # 11320999
78-88 GM "G" Body Front CoolRide Kit
For Use w/ Lower StrongArms

Components:

- | | | |
|---|----------|--|
| 2 | 90006781 | Air spring – double convoluted, 6.5" diameter, 1/4" npt port |
| 2 | 90000424 | Upper air spring cup bracket (3.5" tall) |

Hardware:

- | | | | |
|---|----------|----------------------|---------------------------------|
| 2 | 99371001 | 3/8" x 3/4" USS bolt | Air spring to lower cup bracket |
| 2 | 99373005 | 3/8" lock washer | Air spring to lower cup bracket |
| 4 | 99372002 | 3/8" USS Nylok nut | Air spring to upper cup bracket |
| 6 | 99373003 | 3/8" SAE flat washer | Air spring mounting |
| 2 | 99435001 | 7/16" x 6" USS stud | Upper cup to frame |
| 2 | 99432001 | 7/16" USS Nylok nut | Upper cup to frame |
| 2 | 99433002 | 7/16" flat washer | Upper cup to frame |

COOLRiDE[®]

by Air Ride Technologies

Installation Instructions



1. Some trimming around the outside of the coil spring pocket is required for air spring clearance. This arc should be approximately 2" tall by 5" long. This is best done with a cutoff, sawzall, or plasma cutter.

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

4. Place the upper cup over the studs on the top of the air spring. Fasten it down using 3/8" Nylok nuts and washers. Thread the 6" stud into the nut in the bottom of the cup.

Note: Upper shock bracket must be installed before air spring.



6. Place the air spring assembly into the coil spring pocket with the stud protruding through the OEM shock hole. Tighten with 7/16" Nylok nut and flat washer. The bottom of the air spring will attach to the lower arm using a 3/8" x 3/4" bolt, lock washer and flat washer.

Note: The airline must be routed at this time.

7. Double check air spring clearance through full suspension travel.

Allowing the air spring to rub will result in failure and it not a warrantable situation.

8. Ride height on this air spring is 4.5" – 5.5" tall.

Note: If using a stock style sway bar, the end link spacer may need to be shortened 1.5" to attain proper clearance between the sway bar and the outer tie rod.