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Part # 11391099
82-03 S10 Front CoolRide Kit
For Use w/ Stock Lower Arms

Components:

2	90006781	Air spring – double convoluted, 6.5" diameter, 1/4" npt port
2	90000017	Upper air spring cup bracket (3" tall)
2	90000039	Lower air spring cup bracket (angled)

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

COOL RiDE[®]

by Air Ride Technologies

Installation Instructions

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



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.

5. The lower cup is attached to the bottom of the air spring with a 3/4" x 3/8" bolt with a lock washer and flat washer.



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 lower cup will just sit in the lower arm offsetting the spring towards the spindle.

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.

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