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Part # 12121099
79-93 Mustang front CoolRide system

Components:

2	F6781	Air springs – 6.5" diameter, double convoluted, 1/4" port
2	90000407	Upper cup brackets (2 1/2" tall - Run airline toward inside of car)
1	90000405	Lower air spring mounting plate (drivers side)
1	90000406	Lower air spring mounting plate (pass. side)

Hardware:

2	99435004	7/16" x 4 1/2" stud	upper cup mounting (cut to 3 1/2")
2	99432001	7/16" Nylok nut	upper cup mounting
2	99433002	7/16" SAE flat washer	upper cup mounting
6	99371004	3/8" x 1 1/4" USS bolt	lower mounting plates to a-arm
2	99371003	3/8" x 1" USS bolt	lower airspring mounting
18	99373003	3/8" SAE flat washers	12 for lower plate mounting / 6 for airspring
10	99372002	3/8" USS Nylok nut	6 for lower plate mounting / 4 for airspring
2	99373005	3/8" lock washer	lower airspring to plate

COOL RiDE[®]

by Air Ride Technologies

Installation Instructions

1. Raise the vehicle to a safe and comfortable working height, with the suspension hanging freely.
2. Following the factory service manual instructions, remove the coil springs from the car.



3. Place the lower air spring plate on top of the lower control arm. They are labeled D for driver and P for passenger.

4. The plate will be located by the sway bar end link hole in the lower control arm. The other three holes must be drilled with a 3/8" bit and fastened with 3/8" x 1 1/4" bolts, Nylok nuts and flat washers.



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

6. Place the upper cup bracket on top of the air spring and secure with two 3/8" Nylok nuts and flat washers.

7. Cut 1" off of the 7/16" all thread then screw it into the nut in the bottom of the upper cup bracket.



8. Fasten the air spring assembly to the frame in place of the coil spring, using a 7/16" nut and flat washer. **The air fitting access should face toward the engine.** It may be easier to use a needle nose pliers to get the nut started on the stud.

Note: The airline must be routed at this time.



9. Fasten the air spring to the lower plate using a 3/8" x 1" bolt, lock washer and flat washer.



10. Reattach the sway bar end link to the lower control arm.

11. Check air spring clearance through full suspension travel. Allowing the air spring to rub will result in failure and is not a warrantable situation.

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