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## ARF10800 64-72 GM "A" Body Front CoolRide System

2	F6781	Front air spring
1	A386D	Driver side lower air spring plate
1	A386P	Passenger side lower front plate
2	A387	Upper air spring mount
2	MON33033	Shock absorbers w/ 2 sleeves
2	A008F	Upper shock bracket
2	A035	Lower shock bracket

### Hardware:

2	7/16" x 6" stud	Upper air spring mount to frame
2	7/16" SAE flat washer	Upper air spring mount to frame
2	7/16" USS Nylok	Upper air spring mount to frame
8	3/8" USS Nylok	Air spring to upper mount / lower plate to arm
2	3/8" x 3/4" USS bolt	Air spring to lower mount
4	3/8" x 1 1/4" USS bolt	Lower plat to arm
2	3/8" lock washer	Air spring to lower mount
10	3/8" SAE flat washer	Air spring mounts
4	1/2" x 2 1/2" USS bolt	Shock absorber to mount
4	1/2" USS Nylok	Shock absorber to mount

# COOL RiDE®

by Air Ride Technologies

## ARF10800 Installation Instructions

1. Raise the vehicle to a safe and comfortable working height with the suspension hanging freely.
2. Remove the coil spring and shock absorbers. Refer to the factory service manual for proper disassembly procedures.



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

4. Place the upper cup bracket on top of the air spring and fasten with two 3/8" nylok nuts and flat washers. Thread the 7/16 stud into the nut in the bottom of the cup.

5. Place the lower air spring bracket on the lower control arm, the large hole in the bracket will align with the sway bar hole on the lower arm.

6. The inner two holes must be drilled with a 3/8" bit. Fasten with two 3/8 bolts, Nylok nuts and flat washers.



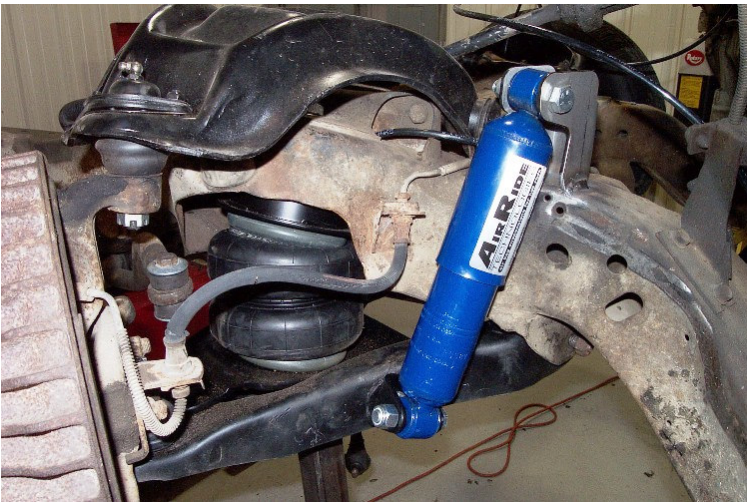
7. Place the air spring assembly into the coil spring pocket with the stud sticking through the factory shock hole in the frame.

8. Mark the outside of the coil spring pocket where the air spring rubs. Remove the air spring and trim the pocket, a die grind with a cutoff wheel works well.

9. Reinstall the air spring assembly (the air line can be routed at this time) and secure with a 7/16" Nylok nut and flat washer on top of the frame.



10. The upper shock mount must be welded to the frame. It may need to be cut down to match the stroke of the air spring and suspension. Make sure that when the suspension is fully compressed the shock is about  $\frac{1}{4}$ " from being fully compressed. Just tack weld the mount for now and install the lower shock mount and shock. The lower mount will be installed right behind the steer stop on the lower control arm. The upper and lower mounts will use a  $\frac{1}{2}$ " x  $2\frac{1}{2}$ " bolt and Nylok. Check to make sure the shock does not bottom out when the suspension is fully compressed. If the shock bottoms out it could damage the shock or shock mounts. Also check turning radius with the wheel. Once the final location is determined fully weld the upper mount to the frame.



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

