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ARF6700 82-92 Camaro front CoolRide kit

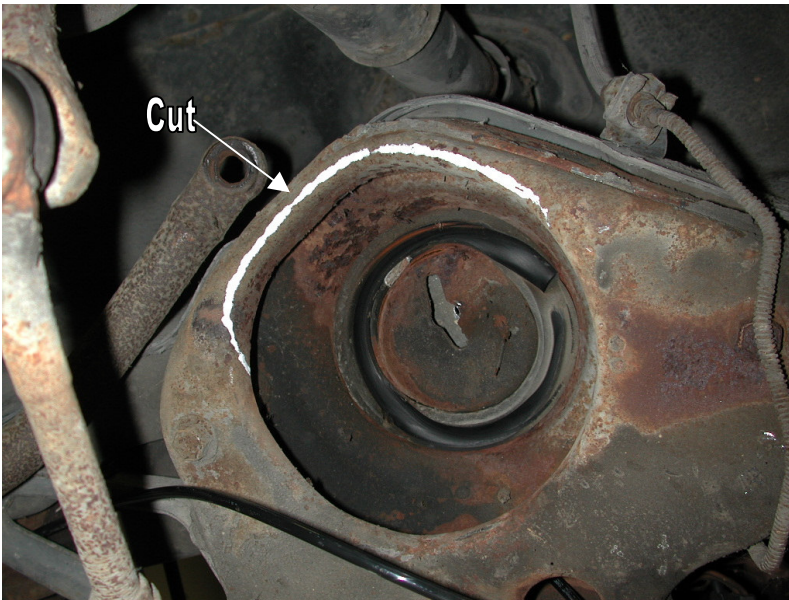
- 2 F6781 air springs
- 2 A673-1 upper cup brackets
- 1 A674P lower air spring mounting plate (pass. side)
- 1 A674D lower air spring mounting plate (drivers side)
- 2 FIT4201

Hardware:

- 2 6" x 7/16" stud Upper cup mounting
- 2 7/16" nyloc nuts Upper cup mounting
- 2 7/16" sae flat washers Upper cup mounting
- 6 3/8" x 1 1/4" uss bolts Lower mounting plates to a-arm
- 2 3/8" x 3/4" uss bolts Lower air spring mounting
- 18 3/8" sae flat washers
- 12 3/8" uss nyloc nut
- 2 3/8" lock washers Lower air spring to plate
- 2 3/8" x 6 1/2" uss bolt Sway bar end link

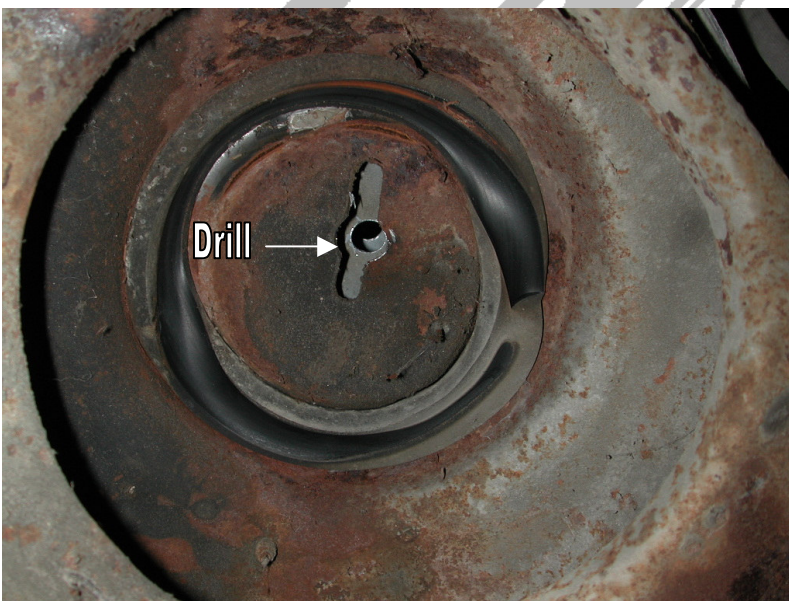
ARF6700 Installation Instructions

1. Raise and support vehicle at a safe, comfortable working height. Let the front suspension hang freely
2. Remove the coil spring and bump stop. Refer to a factory service manual for proper disassembly procedure.



3. The outer lip of the coil spring pocket must be removed for air spring clearance. This is best done with a cut off wheel or plasma cutter. Grind smooth when finished.

If the air spring rubs on the frame it will damage the air spring. This is a not a warrantable situation.



4. You must also drill a 7/16" hole in the top of the coil spring pocket. Use the hole in the center of the slot as a guide.

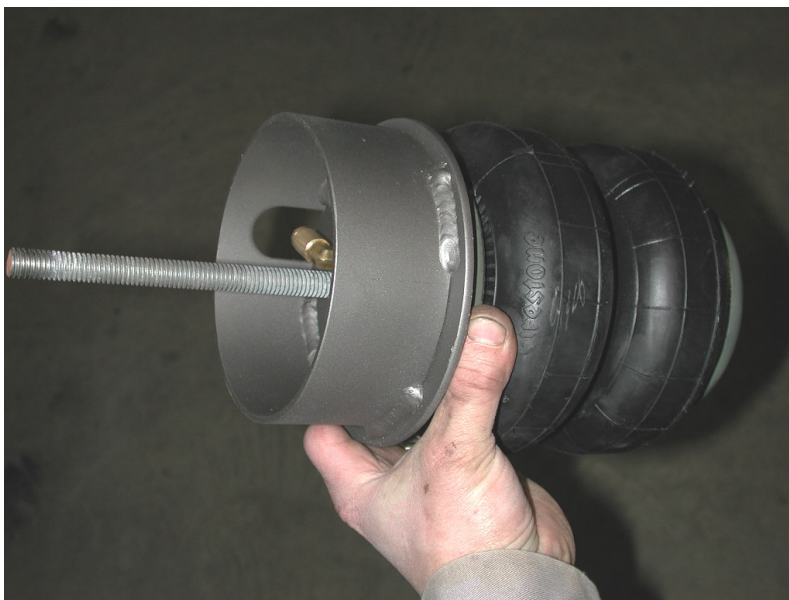
5. Watch for fuel lines and wires on top of the frame rail!



6. Set the air spring plate on the lower control arm. The plate will index off of the factory bump stop hole. Insert a $3/8$ " x $1\ 1/4$ " with nyloc and flat washers.

NOTE: There is a driver and passenger side plate; this is the driver.

7. Two more bolts will hold the plate to the lower arm. They are located on the backside of the arm and require a $7/16$ " hole in the arm. They will also use a $3/8$ " x $1\ 1/4$ " bolt with nyloc and flat washer.



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

9. Place the upper cup bracket over the two studs on top of the air spring and tighten with two nylocs. Clock the bracket so the hole in the side of it is next to the air fitting. Route airline.

10. Take the 6" stud and screw it into the nut in the bottom of the cup bracket.



12. Place the air spring into the pocket with the stud protruding through the hole you drilled earlier. The air fitting should point towards the engine. It is held in place with a $7/16$ " nyloc and flat washer.

13. The air spring is held tight to the lower plate with a $3/8$ " x $3/4$ " bolt, flat washer and lock washer.

14. Shorten the sway bar end link to 2"

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

16. Ride height on this air spring should be approximately $4\ 1/2$ " tall. Typically this will occur around 85psi but will vary to driver preference.