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**Part # 11011099**

55-57 Chevy Front Coolride Kit  
For use w/ factory lower arms

**Components:**

- |   |          |                                   |
|---|----------|-----------------------------------|
| 2 | 90006873 | F6873 Firestone air spring – 224c |
| 2 | 90000013 | Upper air spring cup bracket      |
| 2 | 90000012 | Lower air spring plate            |

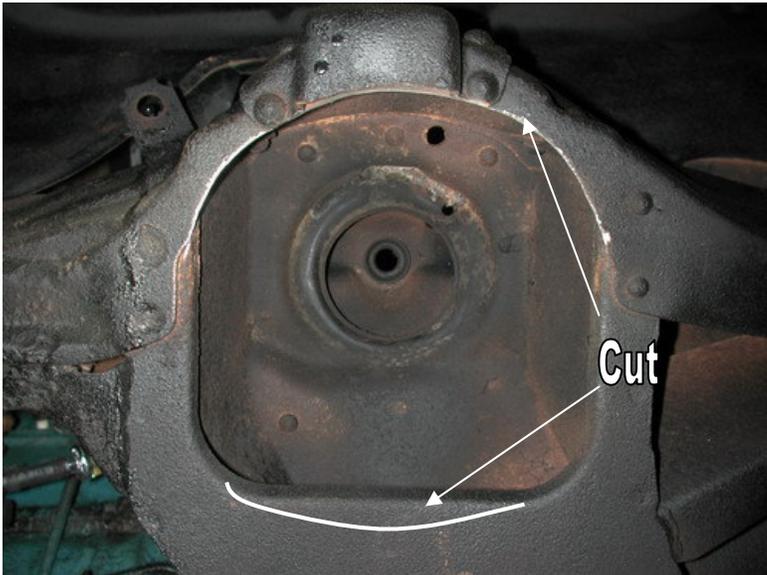
**Hardware:**

- |    |          |                        |  |
|----|----------|------------------------|--|
| 2  | 99371001 | 3/8" X 3/4" USS bolt   | Air spring to lower plate                |
| 4  | 99371003 | 3/8" x 1 USS bolt      | Lower air spring plate to lower arm      |
| 2  | 99373005 | 3/8" lock washer       | Lower air spring to control arm          |
| 8  | 99372002 | 3/8" USS Nylok nut     | Upper air spring to cup bracket          |
| 14 | 99373003 | 3/8" SAE flat washer   | Air spring mounting                      |
| 2  | 99435001 | 7/16" X 6" all thread  | Upper cup bracket to upper spring pocket |
| 2  | 99432001 | 7/16" USS Nylok nut    | Upper cup bracket to upper spring pocket |
| 2  | 99433002 | 7/16" SAE Flat Washers | Upper cup bracket to upper spring pocket |

## Installation Instructions

\*\*\*\*\***Must be used w/ RideTech shock kit**\*\*\*\*\*

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



3. For air spring clearance some trimming must be done around the coil spring pocket. This is what it should look like after cutting.

4. This is best done with a cut off wheel or plasma cutter. Grind all cuts smooth when finished.

5. Insert a straight air fitting into the air spring using thread sealant. Place the upper cup onto the studs on the air spring and tighten using two 3/8" nyloc and flat washers. Thread the 8" stud into the nut in the bottom of the air spring cup.

6. Install the air spring assembly into the coil spring pocket with the tall side of the bracket towards the wheel. With the stud protruding through the OEM shock hole secure the assembly with a 7/16" flat washer and Nylok. (The airline must also be routed at this time.)





7. Bolt the lower air spring plate to the lower arm using 3/8" x 1" bolts, flat washers and Nylok nuts. The two outer holes will align with the factory bump stop holes. The inner two holes must be drilled. Bolt the air spring to the lower plate using 3/8" x 3/4" bolts, flat washers and lock washers.

8. Double check air spring clearance through full suspension travel. If any part of the air spring touches the frame at anytime it will damage the unit. **This is not a warrantable situation.**

9. The driving height of the car is determined by the height of the air spring. This air spring should be approximately 5.5" tall at ride height. This may vary slightly to driver preference.

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