



**Part # 11281099**  
**65-70 Impala Front CoolRide Kit**

**Components:**

|   |          |  |
|---|----------|--|
| 2 | 90006781 | 255c air spring                          |
| 2 | 90000052 | Upper air spring cup bracket (4.5" tall) |
| 1 | 90000408 | Lower air spring plate with shock mount  |
| 1 | 90000409 | Lower air spring plate with shock mount  |

**Hardware:**

|    |          |                        |  |
|----|----------|------------------------|--|
| 2  | 99435002 | 7/16" x 8" stud        | Upper cup bracket to frame                     |
| 2  | 99432001 | 7/16" USS Nylok nut    | Upper cup bracket to frame                     |
| 2  | 99433002 | 7/16" flat washer      | Upper cup bracket to frame                     |
| 8  | 99372002 | 3/8" USS Nylok nut     | Air spring to cup & lower plate to control arm |
| 4  | 99371004 | 3/8" x 1 1/4" uss bolt | Lower air spring plate to control arm          |
| 2  | 99371001 | 3/8" x 3/4" USS bolt   | Air spring to lower plate                      |
| 14 | 99373003 | 3/8" SAE flat washer   | Air spring plate                               |
| 2  | 99373005 | 3/8" lock washer       | Air spring to lower plate                      |

# COOLRiDE<sup>®</sup>

by Air Ride Technologies

## Installation Instructions

\*\*\*\*For use w/ RideTech front shock kit\*\*\*\*



1. Place the lower air spring plate onto the lower control arm as shown in the picture. This is the Drivers side with the shock mount to the rear of the control arm. The plate will index off the rear strut arm bolt. The other two holes must be drilled for 3/8" x 1 1/4" bolts. Install flat washers and Nylok nuts.

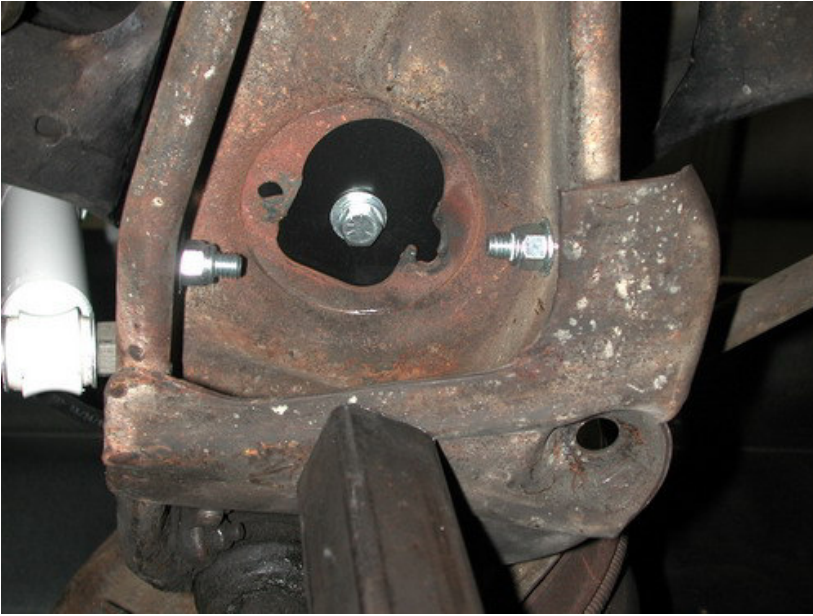


2. The coil spring pocket will need to be trimmed for air spring clearance as shown in the picture.

3. Apply thread sealant onto the air fitting and screw into the air spring.

4. Place one of the cup brackets onto the top of the air spring and secure with two 3/8" nyloc with flat washers.

5. Thread 7/16" x 8" all thread stud into the nut inside the cup.



6. Install the air spring assembly into the coil spring pocket with the all thread protruding through the factory shock hole. The fitting access hole will be clocked towards the outer tie rod end. Fasten with 7/16" Nylok and flat washer. The airline must be routed at this time.

7. Secure the air spring to the lower plate use a 3/8" x 3/4" bolt, lock washer, and flat washer.

8. Place a jack under the control arm and fully compress the air spring to double check air spring clearance.

9. Reattach the tie rod, spindle, and sway bar. Refer to a factory service manual for proper assemble procedure.

10. The sway bar end link may be shortened to achieve proper clearance. This can be done by shortening the end link and bolt.

11. Double check the air spring clearance through full suspension travel. This air spring should be approximately 5" tall at ride height. This should be around 100psi.

**IT IS THE FINAL RESPONSIBILITY OF THE INSTALLER TO MAKE SURE THE AIR SPRING DOES NOT RUB ON ANYTHING AT ANYTIME!!!**