

# Cool Cars

THE AIR AND HYDRAULIC SUSPENSION EXPERTS

7514 Preston Highway Louisville, KY 40219  
Ph. 888.266.5969 Fax 502.966.5161 Website: [www.coolcars.org](http://www.coolcars.org)

GLOBAL DISTRIBUTOR OF:



## CCF12200 85-93 Crown Victoria Front Kit

- 2 Upper Air Spring Cup Bracket
- 2 Lower Air Spring Cup Bracket

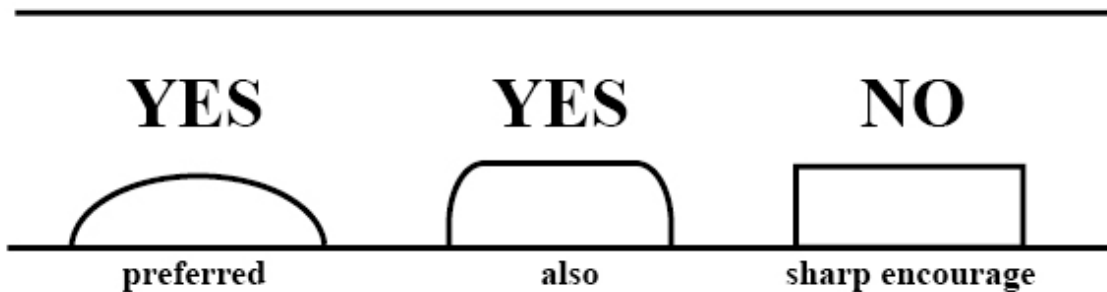
### Hardware:

- 2 7/16" Flat Washers
- 2 7/16" Lock Washers
- 2 7/16" Lock Nuts
- 6 3/8" Flat Washers
- 6 3/8" Lock Washers
- 4 3/8" Nuts
- 2 3/8" x 1" Bolts

## CCF12200 85-93 Crown Victoria Front Kit Installation Instructions

1. Raise and support truck at a safe, comfortable working height. Let the front suspension hang freely.
2. Remove OEM coil spring, shock absorber. Refer to factory service manual for proper disassembly procedure.
3. Some trimming around the outside of the coil spring pocket is required for air spring clearance. This arc should be approximately 2" tall by 5" long. This is best done with a cutoff, sawzall, or plasma cutter.

### How to Trim Frame



The coil spring pocket must be trimmed for air spring clearance. To determine the exact area to trim, place the air spring assembly into the coil spring pocket. This will indicate the exact area to be trimmed for clearance. Only the outer pocket must be trimmed. Allow at least 1" of clearance between the rubber bellows and any metal part. The coil spring pocket may be trimmed using a cutoff wheel, a sawzall, or a plasma cutter.

## CCF12200 85-93 Crown Victoria Front Kit Front Kit Installation Instructions



4. Apply thread sealant to the airline fitting and screw it into the top of the air spring.
5. Place the upper cup over the studs on top of the air spring. Fasten it down using 3/8" nuts, lock washers and flat washers.
6. The lower cup is attached to the bottom of the air spring with 1" x 3/8" bolt with a lock washer and flat washer.
7. Place the air spring assembly into the coil spring pocket with the stud protruding through the OEM shock hole. Tighten with 7/16 flat washer, lock washer and lock nut. The lower cup will just sit in the lower arm.  
Note: The airline must be routed at this time.
8. Reattach the tie rod, upper arm, and lower arm. Refer to a factory service manual for proper assemble procedure.

## **CCF12200 85-93 Crown Victoria Front Kit Installation Instructions**

- 9. The sway bar end link must be shortened by 1 ½” to achieve proper clearance.**
- 10. Double check the air spring clearance through full suspension travel. This air spring should be approximately 5” tall at ride height.**

**After the installation is complete, be sure to examine for clearance around the air spring. Let the vehicle down and inflate it to ride height. Check air springs clearance at several air pressures and steering angles.**

**IT IS THE FINAL RESPONSIBILITY OF THE INSTALLER TO ENSURE THAT THE AIR SPRING DOES NOT RUB ON ANYTHING AT ANYTIME. CERTAIN AND IMMEDIATE FAILURE WILL RESULT!**

THE AIR AND  
GLOBAL DISTRIBUTOR OF:

**ACE**  
Hydraulics

THE NEXT GENERATION OF HYDRAULICS

Hijab

HYDRAULICS