



**Application:** 2006-2013

**Part Includes**

1 - Component

# Honker Air Induction System



**Tools Needed**



Search: **Air Intake**  
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**IMPORTANT NOTE:**

- Review the entire instruction manual before proceeding with the installation. If any of these steps are not clear, please call Callaway Cars Incorporated at 860-434-9002 or email [techinfo@callawaycars.com](mailto:techinfo@callawaycars.com) for further explanation.
- A working knowledge of the C6 Corvette is assumed, as well as, good mechanical practices.
- When checking the kit contents against the packing slip, make sure that no parts were damaged during shipping.
- This installation involves raising the vehicle to remove the radiator fan shroud. Whenever the car is lifted, be sure to use suitable jack stands or a locking vehicle lift to support your car's weight.
- Disconnect the battery ground terminal before starting work on the car.

**DIRECTIONS FOR SAFE AND PROPER APPLICATION**

**STEP 1.**

**REMOVE OE AIRBOX AND DUCT ASSEMBLY**

- Disconnect mass Air Flow (MAF) sensor wiring connector.
- Release the clamp holding the bellows to the throttle body.
- Remove the fresh air inlet hose from the throttle body bellows.
- Remove the bellows assembly from the throttle body end.
- Raise the duct end up to lift grommets off mounting pins on the radiator shroud.
- Rock the entire airbox assembly back and forth to release it from the pins on the bumper beam, then remove entire airbox assembly.



Step 1.

**STEP 2**

**REMOVE MAF SENSOR FROM AIRBOX**

- Release the clamp from the airbox and remove MAF sensor and bellows assembly from the airbox.



Step 2.

**STEP 3**

**REMOVE PINS FROM BUMPER BEAM**

- Remove the two (2) T30 bolts from the bumper beam.
- Clean the radiator shroud sufficiently so that tape may adhere to it.



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## Description (cont.)

### STEP 4

#### PREPARE HONKER ASSEMBLY

- Remove the two (2) grommets from the OE air box assembly and transfer them to the Honker cover.
- The Honker cover comes shipped with the air filter element installed. The element is pre-oiled: no further preparation is required for the element.
- Remove the air filter element from the filter base.
- Reassemble the Honker assembly without the filter element.



Step 3.



Step 4a.

### STEP 5

#### MARK RADIATOR SHROUD

- Locate Honker onto the pins on top of the radiator.
- The filter base will sit into the V on the radiator shroud.
- Using masking tape, butt the edges of the masking tape to the left and right side edges of the filter base.
- Remove the Honker assembly, using caution not to dislodge the tape.



Step 4b.



Step 5.

### STEP 6

#### REMOVE RADIATOR TOP SHROUD

- Remove four (4) screws holding top mount radiator shroud.
- Unclip hose from top mount radiator shroud.
- Remove top mount shroud.



Step 6.

### STEP 7

#### REMOVE RADIATOR SHROUD

- Disconnect electrical connector for underhood light.
- Unclip electrical connector for underhood light from radiator shroud.
- Disconnect electrical connector from outside air temp sensor.
- Raise vehicle.
- Remove three (3) screws holding front fascia inside of the radiator opening.
- Remove two (2) plastic push pins holding radiator shroud to bumper beam.
- Remove two (2) plastic retainers from each side of the radiator shroud.
- Pull gently on front fascia and remove two (2) screws holding the sides of the radiator shroud.



Step 7.

### STEP 8

#### RADIATOR SHROUD REMOVAL CONTINUED

- Guide the side wings of the radiator shroud around the brackets for the last two (2) screws that were removed.
- Lower vehicle.
- Remove radiator shroud by pushing forward to clear the A/C condenser, then pull up and out, using caution to not damage the A/C condenser.



Step 8.

### STEP 9

#### APPLY CUTTING TEMPLATE

- Align supplied template left to right with tape applied in step 5.
- Align template up and down with the V in the radiator shroud, to the corresponding alignment marks.



Step 9.



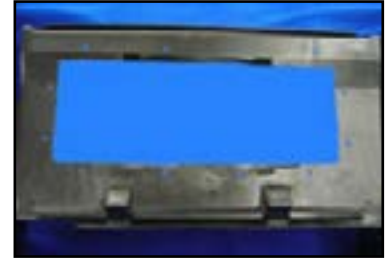
## Description (cont.)

- Tape the template into position.

### STEP 10

#### MODIFY RADIATOR SHROUD

- Center punch the holes in the mounting template outer ring, and four (4) holes for the corners of the opening.
- Using the supplied #4 drill bit, drill the holes for the corners of the opening.
- Use a 1/2" drill bit to drill the four (4) holes for the corners of the opening.
- Using snips or a jigsaw, cut out the center opening.
- Remove template and tape.
- Align filter base to opening in radiator shroud.
- Clamp filter base into position.
- Using the supplied #4 drill bit, drill holes from shroud into filter base.
- Drill one hole, then insert a rivet into the hole, but do not cinch rivet until all holes are drilled, and rivets are aligned.
- Once all holes are drilled, cinch rivets.



Step 10.

### STEP 11

#### INSTALL RADIATOR SHROUD

- Guide the radiator shroud into place, using caution to not damage the A/C condenser.
- Guide the side wings around the mounting brackets.
- Raise vehicle.
- Holding gently down on the front fascia, guide the side wings into position on the mounting brackets, then install the two (2) screws.
- Install the two (2) plastic push pins to each side of radiator shroud.
- Install the two (2) plastic push pins holding the radiator shroud to the bumper beam.



Step 13.



Step 14.

### STEP 12

#### INSTALL RADIATOR SHROUD

- Install the three (3) screws holding the front fascia inside the radiator opening.
- Lower vehicle.
- Connect electrical connector for the outside air temp sensor.
- Connect electrical connector for the underhood light.
- Clip electrical connector for the underhood light to the radiator shroud.



Step 15.



Step 16a.

### STEP 13

#### INSTALL RADIATOR TOP SHROUD

- Place radiator top mount shroud into position over the radiator.
- Install four (4) screws holding the top mount shroud.
- Clip the hose back into position on the top mount shroud.



Step 16b.

### STEP 14

#### INSTALL MAFF CUFF

- Install the rubber cuff to the Honker cover with the clamp on the left side.
- Install the MAF sensor and bellows assembly into the rubber cuff, with the flow direction arrow at the top of the Honker.



## Description (cont.)

### Step 15

#### INSTALL HONKER COVER

- Install air filter element into filter base.
- Insert Honker lid onto the bobbins of the filter base.
- Hinge the Honker lid down, to align the grommets to the top mount shroud mounting studs.
- Start the thumbscrews in the Honker filter base.
- Seat the Honker grommets in the top mount shroud.
- Tighten the four (4) thumbscrews.

### STEP 16

#### COMPLETE INSTALLATION

- Install the bellows to the throttle body.
- Tighten the clamp at the throttle body.
- Tighten the clamp at the rubber cuff.
- Connect the fresh air inlet hose to the throttle body bellows.
- Connect electrical connector to MAF sensor.
- Affix Callaway decal to flat surface or the radiator top shroud. Decal should be 1/2" from the side and centered as shown.

### STEP 17

#### SERVICING THE FILTER ELEMENT

- Unless it becomes physically damaged or improperly maintained, your Callaway air filter element will not need replacement during the life of your car. The element is pre-oiled as packaged.
- Maintenance should be conducted at regular intervals as specified in your owner's manual and should include thorough cleaning and re-oiling of the element with Callaway P/N 2003/00.9250. Honker Filter Cleaning Kit.
- As with any air filter element, the environment it is subjected to (such as high dust areas) will dictate the frequency of service intervals.

#### SERVICE INSTRUCTIONS:

##### STEP 1.

Tap filter or blow out with air to remove excess dirt.

##### STEP 2.

Spray filter with cleaning solution and allow solution to soak into the filter for about 15 minutes.

**Never use strong detergents, high pressure water, or flammable solvents.**

##### STEP 3.

Rinse filter with warm water, clean side to dirty side, to flush out the dirt.

##### STEP 4.

Allow filter to dry naturally. Try to avoid heat, it can shrink the cotton and cause tearing.

##### STEP 5.

Re-oil filter using Callaway Filter Oil. Do not use other as they do not have the correct properties for this filter media.

- **Never use Callaway filters without oil.**
- **Never over-oil filters, this can reduce airflow and may cause damage to sensors in the intake system.**
- **Never use motor oil, transmission fluid, or WD-40. These are flammable and fire may result.**