

**PART NUMBER:**

200.00.2905

**INSTRUCTION SHEET NUMBER:**

900.00.9962

**HONKER C6  
AIR INDUCTION SYSTEM  
LS2 w/MagnaCharger****APPLICATION:**2005-2007 Corvair,  
etc., 208**PACKAGE CONTENTS:**

- Air Box Cover
- Air Box Base
- Filter Element
- Thumbscrews - (4)
- Rivets - (12)
- Rubber Cuff w/Clamp
- #4 Drill Bit
- Template

**TOOLS REQUIRED:**

- Flat Blade Screwdriver
- 7mm socket and drive attachment
- 8mm socket and drive attachment
- 10mm socket and drive attachment
- Center punch
- Masking Tape
- Drill
- Rivet Gun
- Tin Snips or Plastic Cutting Saw
- Small C-clamps - (2)

**0**
**READ THIS FIRST**

Review the entire instruction manual before proceeding with the installation. If any of these steps are not clear, please call 860-434-9002 or e-mail us at [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. 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.

**1**
**REMOVE SUPERCHARGER AIRBOX AND DUCTING**

Disconnect the positive crankcase ventilation (PCV) hose from the air intake tube.

Disconnect the electrical connector from the mass air flow (MAF) sensor.

Remove the air filter and intake assembly from the vehicle.

Refer to the service manual or installation manual for the specific intake system that is installed in the vehicle.

Remove the hose clamps from the MAF sensor and set aside.

**2**
**REMOVE INTERCOOLER HEAT EXCHANGER**

Instructions show Callaway intercooler system. For other intercooler systems, please refer to manufacturer's instructions.

Remove cap from intercooler coolant reservoir bottle.



Raise car and support.

Drain intercooler coolant by removing the driver side hose on the heat exchanger.



Drain fluid into a clean container for reuse.

When fluid is done draining, remove the passenger side hose from the heat exchanger.

Remove the elbows from both hoses and clamps.

**2**

**REMOVE INTERCOOLER  
HEAT EXCHANGER (cont.)**

Remove the (1) 10mm bolt that holds the support bracket for the heat exchanger.



Remove the (5) 7mm bolts holding the front fascia.



Gently pull down on fascia and remove heat exchanger.



Lower car and pull the intercooler coolant hoses out of the shroud.

**3**

**REMOVE RADIATOR  
SHROUD**

Remove the (4) 10mm bolts holding the top mount radiator shroud.



Unclip the hose from the top mount radiator shroud, and remove the top mount radiator shroud from the vehicle.



Disconnect the electrical connector for the underhood light then unclip and remove the electrical connector from the radiator shroud.

Note: Electrical connector will still be present, even if underhood light is not installed.

Disconnect the electrical connector from the ambient air temperature sensor.

### 3 REMOVE RADIATOR SHROUD (cont.)

Remove the (2) plastic push pins holding the radiator shroud to the bumper beam.



Remove the (2) plastic retainers from each side of the radiator shroud.



Guide the side wings of the radiator shroud outwards and push forward to clear the A/C condenser, then pull up and out, using caution not to damage the A/C condenser.

Remove the radiator shroud from the vehicle.

### 4 PREPARE SHROUD FOR INSTALLATION

Align the template over the shroud, making sure to fit the two bends in the shroud with the two dashed lines on the template.

Make sure the right edge of the template is 5/8" from the edge of the shroud at the top dashed line, and tape the template into position.



Center punch the (12) holes in the mounting template outer ring, and the (4) holes for the corners of the large opening.

Using the #4 drill bit, drill the holes on the outer ring.

Use a 1/2" drill bit to drill the (4) holes for each corner of the opening.

Using snips or a jigsaw, cut out the center opening.

Remove the template and tape.





#### 4 PREPARE SHROUD FOR INSTALLATION (cont.)

Align the filter base to the opening in the radiator shroud.

Clamp the filter base into position.

Using the #4 drill bit, drill holes from the shroud into the filter base.

Drill one hole at a time, and insert a rivet into each hole as you go.



Do not clinch rivets until all holes are drilled, and the rivets are aligned.

Once all holes are drilled, clinch rivets.



#### 5 INSTALL SHROUD



Guide radiator shroud into place, using caution not to damage the A/C condenser.

Guide the side wings around the mounting brackets.

Holding down gently on the front fascia, guide the side wings into position on the mounting brackets.

Install the (2) plastic retainers on each side of the radiator shroud.

Install the (2) plastic push pins holding the radiator shroud to the bumper beam.

Connect the electrical connector for the ambient air temperature sensor.

Connect the electrical connector for the underhood light.

Clip the electrical connector for the underhood light to the radiator shroud.

Place the radiator top mount shroud into position over the radiator.

Install the (4) 10mm bolts holding the top mount shroud.

Clip the hose back into position on the top mount shroud.

## 7 INSTALL INTERCOOLER HEAT EXCHANGER

Run the intercooler coolant hoses through the shroud to the front of the radiator.

Raise and support vehicle.

Gently pull down on the front fascia and install the intercooler heat exchanger.

Install the support bracket and 10mm bolt in the center of spoiler to hold the heat exchanger.

Install the (5) 7mm bolts holding the front fascia to the car.

Install elbows, hoses and clamps onto the barbs on the front of the heat exchanger.



Fill the intercooler coolant system with coolant removed in previous step.

Check for leaks.

Lower vehicle.

Start the engine and bleed the system using the vent on the top of the intercooler heat exchanger.

Fill the intercooler coolant system as needed. Maximum level is 1.25" from the top of the filler neck.

## 8 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 203.00.9251, 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:

1. Tap filter or blow out with air to remove excess dirt.
2. Spray filter with cleaning solution and allow solution to soak in to the filter for about 15 minutes. **Never use strong detergents, high-pressure water, or flammable solvents.**
3. Rinse filter with warm water, clean side to dirty side, to flush out the dirt.
4. Allow filter to dry naturally. Try to avoid heat, it can shrink the cotton and cause tearing.
5. Re-oil filter using Callaway Filter Oil. Do not use other oils 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.**