

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-319-2
Relating to Exemptions Under Section 27156
of the Vehicle Code

CALLAWAY CARS, INC.
CALLAWAY HONKER

Pursuant to the authority vested in the Air Resources Board by Section 27156 of the Vehicle Code; and

Pursuant to the authority vested in the undersigned by Section 39515 and Section 39516 of the Health and Safety Code and Executive Order G-45-5;

IT IS ORDERED AND RESOLVED: That the installation of the Callaway Honker (an open element air cleaner) manufactured by Callaway Cars, Inc., 3 High Street, Old Lyme, CT 06371 has been found not to reduce the effectiveness of the applicable vehicle pollution control system and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for the following vehicle applications:

<u>Vehicle Make</u>	<u>Vehicle Model</u>	<u>Vehicle Model Year</u>	<u>Engine Disp. (liters)</u>	<u>Device Model #s</u>
Chev/Pontiac	Camaro/Firebird	1993	5.7	CH57-9300
Chev/Pontiac	Camaro/Firebird	1994 & 95	5.7	CH57-9450
Chev/Pontiac	Camaro/Firebird	1993-95	3.4	CH43-9345
GM	All B Bodies (Caprice type)	1994/95	5.7	CH57-BBOD
Chevrolet	Corvette LT1	1992-95	5.7	CH57-CLT1
Chevrolet	Corvette ZR1	1990-95	5.7	CH57-CZR1

This Executive Order is valid provided that the installation instructions for the Callaway Honker will not recommend tuning the vehicle to specifications different from those of the vehicle manufacturer.

Changes made to the design or operating conditions of the Callaway Honker, as exempt by the Air Resources Board, which adversely affect the performance of a vehicle's pollution control system shall invalidate this Executive Order.

Marketing of the Callaway Honker using any identification other than that shown in this Executive Order or marketing of the Callaway Honker for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board. Exemption of the Callaway Honker shall not be construed as exemption to sell, offer for sale, or advertise any component of the kit as an individual device.

This Executive Order does not constitute any opinion as to the effect that the use of the Callaway Honker may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on an evaluation of emissions impact if emissions tests were conducted in accordance with Cold-Start CVS-75 Federal Test Procedure. However, the Air Resources Board finds that reasonable grounds exist to believe that use of the Callaway Honker may adversely affect emissions of motor vehicles when operating under conditions outside the parameters of the previously prescribed test procedures. Accordingly, the Air Resources Board reserves the right to conduct additional emission tests, in the future, as such tests are developed, that will more adequately measure emissions from all cycle phases. If such test results demonstrate that the Callaway Honker adversely affects emissions during off-cycle conditions (defined as those conditions which are beyond the parameters of the Cold-Start CVS-75 Federal Test Procedure), this Executive Order shall be effectively rescinded as of the date the test results are validated. Further, if such test results or other evidence provides the Air Resources Board with reason to suspect that the Callaway Honker will affect the durability of the emission control, Callaway Cars, Inc. shall be required to submit durability data to show that the durability of the vehicle emissions control system is not, in fact, affected and/or that the add-on or modified part demonstrates adequate durability.

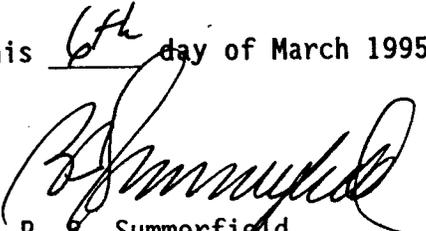
In addition to the foregoing, the Air Resources Board reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add-on or modified part continues to meet the standards and procedures of Title 13, California Code of Regulations, Section 2222, et seq.

THIS EXECUTIVE ORDER DOES NOT CONSTITUTE A CERTIFICATION, ACCREDITATION, APPROVAL, OR ANY OTHER TYPE OF ENDORSEMENT BY THE AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF CALLAWAY CARS, INC.'S CALLAWAY HONKER.

No claim of any kind, such as "Approved by the Air Resources Board" may be made with respect to the action taken herein in any advertising or other oral or written communication.

Violation of any of the above conditions shall be grounds for revocation of this order. The order may be revoked only after ten day written notice of intention to revoke the order, in which period the holder of the order may request in writing a hearing to contest the proposed revocation. If a hearing is requested, it shall be held within ten days of receipt of the request and the order may not be revoked until a determination after hearing that grounds for revocation exist.

Executed at El Monte, California, this 6th day of March 1995.


R. B. Summerfield
Assistant Division Chief
Mobile Source Division



CALLAWAY CARS

THE HONKER Heavy Breathing System Installation Instructions

For 1993-95 LT1 Powered Camaro and Firebird

A word about safety. This installation involves getting under the car to remove a plastic under-body panel to gain access to the Honker's filter location. Whenever the car is raised, be sure to use suitable jack stands, ramps, or a locking vehicle lift to support your car's weight.

Installation Tools:

- FOR HOSE CLAMPS - 8mm socket on 1/4" drive ratchet
- FOR LOWER BODY PANEL SCREWS AND FILTER PLATE BOLTS - 10mm socket on 1/2" drive ratchet
- FOR FILTER PLATE BOLT HOLES - electric or air-powered drill & 7mm [or 5/16"] drill bit.

Stock Air Filter System Removal:

Note: The mass air sensor ('94 models only) and the 90° ribbed rubber base attached to the throttle body ('93 & '94 models) will remain on the engine.

1. Disconnect the A.I.R. pump hose from the rear of the stock plastic inlet air duct.
2. Remove the stock plastic inlet air duct by removing the hose clamps at both ends and the push-in retainer attaching it to the radiator support.
3. Slide the air filter housing up to remove it from the radiator support.

On FIREBIRD, The beadlamp door module is attached to the original equipment outside air duct. This duct must be removed and the module must be relocated as described in the Removal Procedure and step 2 below for FIREBIRD only.

Remove the two barness connectors from the beadlamp door module. Then, remove the outside air duct from the car by removing the push-in retainer from its base. The air baffle mounted to the front of the radiator support may be removed if desired. Next, remove the two module mounting screws to detach the module from the duct.

Honker Installation Procedure:

*For CAMARO & FIREBIRD, follow procedures 1-8.
For CAMARO, disregard procedures 2 and 3*

1. Place the Honker filter plate over the hole in the car's body in which the stock air filter

housing was located. Align the filter plate by sliding it forward so that it fits flush against the vertical steel wall and adjust the left edge of the plate (closest to the center of the car) with the metal seam approximately 1" from the left edge of the opening. Scribe marks at each Nutsert hole for drilling the mounting holes. The figure illustrates the proper orientation for the filter plate. Remove the plate and drill two 7mm diam. holes [or 5/16"] at the scribe marks.

2. Mount the beadlamp door module to the horizontal body surface next to the filter plate. Using the module as a template, scribe marks at the two mounting hole locations and drill two 3/16" diam. holes. Attach the module to the body with two 1/4" x 1" metal thread-forming screws. Do not over-tighten.

3. Plug the two barness connectors into the module. Match the two 4-pin connectors and two 5-pin connectors.

4. From under the car, remove the left front lower fascia deflector (the horizontal plastic panel connecting the inner fender with the front bumper fascia) to gain access to the area under the Honker filter plate.

5. With the filter plate in position in the engine compartment, attach the filter plate to the body from below with two 6mm bolts and captive washers (supplied). Then, clamp the filter element to the filter plate and replace the left front lower fascia deflector.

6. Install hoses and clamps as follows:
1994 models -

Push the Honker-to-plate hose onto the filter plate and the Honker-to-mass air sensor hose over the mass air sensor. Slip two hose clamps over the filter plate hose and two hose clamps over the mass air sensor hose.

1993 models -

Push the Honker-to-plate hose onto the filter plate. Slip two hose clamps over the filter plate hose and one hose clamp over the 90° rubber duct attached to the car's throttle body.

7. Install the Honker air inlet duct and tighten the hose clamps.

8. Re-attach the A.I.R. pump hose to the fitting on the rear of the Honker inlet duct.

Congratulations on your Honker installation!

The Honker system is a much larger duct than its stock counterpart. Before closing the hood for the first time, make sure that the Honker inlet air duct is fully inserted into the filter plate hose and that the hood does not contact the top of the duct. Check by looking under the hood with the first latch caught and ensuring that there is enough additional room to close the hood completely.

The stock body panels adequately protect the air filter against the elements in its new location. However, please note that it is now mounted approximately 4 inches above the bottom of the body. To avoid engine damage, use extra caution when driving in wet weather. Never drive through water that is higher than the bottom of the front of the car's body.

Replacement filter element: K&N Filtercharger® Callaway part number 2.01.00050

Service the filter. Replacement unnecessary when dirty. It's a lifetime (100,000 miles) filter. Follow the K&N instructions that came with the filter.

Thank you for selecting Callaway. For additional technical information on Honker or any other Callaway products, call (203) 434-9002, 8:00 am to 5:00 pm, Eastern time.

