

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-231-32

Relating to Exemptions Under Section 27156  
of the California Vehicle Code

Whipple Industries, Inc.  
Whipple Supercharger

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-02-003;

IT IS ORDERED AND RESOLVED: That the installation of the Whipple Supercharger, manufactured and marketed by Whipple Industries, Inc., 3292 N. Weber, Fresno, California 93722, has been found not to reduce the effectiveness of the applicable vehicle pollution control systems and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for the 2010 model year 6.2L Chevrolet Camaros as listed in Exhibit A.

The Whipple Supercharger consists of the following main components: A twin screw supercharger, intake manifold, bypass valve, high flow injectors, intercooler, reflashed ECM, and electronic fuel pump booster. Boost is limited to 11 pounds per square inch. The stock air filter housing is retained. Installation does not require any modification to the stock coolant thermostat. All supplied fuel hoses are Avon's CADbar 9000 series or metal, and fuel and vapor line connectors supplied with the kit are OEM – equivalent parts.

This Executive Order is valid provided that the installation instructions for the Whipple Supercharger will not recommend tuning the vehicle to specifications different from those submitted by the device manufacturer.

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

This Executive Order shall not apply to any Whipple Supercharger advertised, offered for sale, sold with, or installed on a new motor vehicle prior to or concurrent with transfer to an ultimate purchaser.

Marketing of the Whipple Supercharger using any identification other than that shown in this Executive Order or marketing of the Whipple Supercharger for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board.

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

This Executive Order is granted based on submitted emission test data generated on a 2010 model year 6.2L Chevrolet Camaro certified to the Low Emission Vehicle II Ultra Low Emission Vehicle (LEV II ULEV) emission standards and modified with the Whipple Supercharger Kit using the 2.9L compressor and the 4.0 inch diameter supercharger pulley. Test results showed that emission levels, met the applicable emission standards when tested using the Cold-Start CVS-75 Federal Test Procedure (FTP) and the Supplemental Federal Test Procedure (SFTP US06/SC03) test cycles. Boost pressure was measured at 11 psi. Examination of the OBD II system showed the Whipple Supercharger did not affect OBD II system operation. Results from emission testing conducted at Quantum Technologies Emissions Laboratory, Lake Forest, California are listed below with deterioration factors applied.

2010 model year Camaro	CVS-75 FTP			
	NMOG	CO	NOx	HCHO
Standards, Useful Life	0.070	2.1	0.04	0.011
Device Test	0.056	1.9	0.02	0.000
	US06/SC03			
	NMHC+NOx	CO		
Standards 4k	0.14/0.20	8.0/2.7		
Device	0.07/0.01	1.1/1.1		

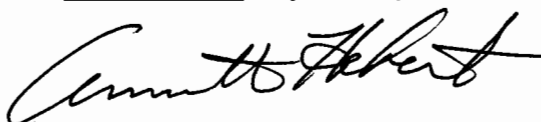
The Air Resources Board reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add-on or modified part continues to meet the standards and procedures of Title 13, California Code of Regulations, Section 2222, et seq.

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 THE WHIPPLE SUPERCHARGER.

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 a 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 is made after the hearing that grounds for revocation exist.

Executed at El Monte, California, this 20 day of May 2010.



Annette Hebert, Chief  
Mobile Source Operations Division

# Exhibit A

## WHIPPLE SUPERCHARGERS KIT MATRIX

WHIPPLE PART #	YEARS	MODEL	SC SIZE	ENGINE (LITER)	MAX BOOST PSI	SC PULLEY	CRANK PULLEY
WK-1000 Series	2010	Camaro	2.9L	6.2	11	4.000	Stock
WK-1000 Series	2010	Camaro	2.9L	6.2	11	4.125	Stock
WK-1000 Series	2010	Camaro	2.9L	6.2	11	4.250	Stock
WK-1000 Series	2010	Camaro	2.9L	6.2	11	4.375	Stock
WK-1000 Series	2010	Camaro	2.9L	6.2	11	4.500	Stock
WK-1000 Series	2010	Camaro	2.9L	6.2	11	4.625	Stock
WK-1000 Series	2010	Camaro	2.9L	6.2	11	4.750	Stock
WK-1000 Series	2010	Camaro	2.9L	6.2	11	3.625	6.800
WK-1000 Series	2010	Camaro	2.9L	6.2	11	3.750	6.800
WK-1000 Series	2010	Camaro	2.9L	6.2	11	3.875	6.800
WK-1000 Series	2010	Camaro	2.9L	6.2	11	4.000	6.800
WK-1000 Series	2010	Camaro	2.9L	6.2	11	4.125	6.800
WK-1000 Series	2010	Camaro	2.9L	6.2	11	4.250	6.800
WK-1000 Series	2010	Camaro	2.9L	6.2	11	4.375	6.800
WK-1000 Series	2010	Camaro	3.3L	6.2	11	4.125	6.800
WK-1000 Series	2010	Camaro	3.3L	6.2	11	4.250	6.800
WK-1000 Series	2010	Camaro	3.3L	6.2	11	4.375	6.800
WK-1000 Series	2010	Camaro	3.3L	6.2	11	4.500	6.800
WK-1000 Series	2010	Camaro	3.3L	6.2	11	3.625	5.500
WK-1000 Series	2010	Camaro	3.3L	6.2	11	3.750	5.500
WK-1000 Series	2010	Camaro	3.3L	6.2	11	3.875	5.500
WK-1000 Series	2010	Camaro	3.3L	6.2	11	4.000	5.500
WK-1000 Series	2010	Camaro	4.0L	6.2	11	4.750	5.500
WK-1000 Series	2010	Camaro	4.0L	6.2	11	4.875	5.500
WK-1000 Series	2010	Camaro	4.0L	6.2	11	5.000	5.500
WK-1000 Series	2010	Camaro	4.0L	6.2	11	4.375	5.500
WK-1000 Series	2010	Camaro	4.0L	6.2	11	4.500	5.500
WK-1000 Series	2010	Camaro	4.0L	6.2	11	4.625	5.500
WK-1000 Series	2010	Camaro	4.0L	6.2	11	4.750	5.500