

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-186-28

Relating to Exemptions Under Section 27156  
of the California Vehicle Code

HKS USA, Inc.  
HKS GT Supercharger Complete Kit

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 HKS GT Supercharger Complete Kit, manufactured and marketed by HKS USA, Inc., 13401 South Main Street, Los Angeles, California 90061, 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 following vehicle applications:

<u>Kit Part Number</u>	<u>Application</u>
12001-BN001	2003 to 2005 model year Nissan 3.5L 350Z (excluding 2005 model year 350Z Track and 35 <sup>th</sup> Anniversary models)
12001-BN002	2003 and 2004 model year Infiniti 3.5L G35 Coupe
12001-BN003	2003 to 2006 model year Infiniti 3.5L FX35

The HKS GT Supercharger Complete Kit consists of an HKS GTS7040 model centrifugal supercharger assembly that is rated at a maximum boost of 9.3 psi. at 6600 rpm using a 95mm diameter pulley and the stock crankshaft pulley. The kit also includes an open element air filter, a supercharger bypass valve, two add-on fuel injectors, new in tank fuel pump, an intercooler, an oil cooler, and a stand alone fuel management unit to operate the additional fuel injectors. Installation of the supercharger kit requires the rerouting of the positive crankcase ventilation hose. All supplied hoses and vacuum lines, including fuel hoses, are Avon's CADbar 9000 series. All fuel and vapor line connectors supplied with the kit are OEM – equivalent parts. The stock mass air flow sensor is transferred to the new intake tubing.

This Executive Order is valid provided that the installation instructions for the HKS GT Supercharger Complete Kit 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 HKS GT Supercharger Complete Kit, 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 HKS GT Supercharger Complete Kit 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 HKS GT Supercharger Complete Kit using any identification other than that shown in this Executive Order or marketing of the HKS GT Supercharger Complete Kit 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 HKS GT Supercharger Complete Kit 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 2004 model year 3.5L Nissan 350Z certified to the Low Emission Vehicle II Low Emission Vehicle (LEV II LEV) emission standards and modified with the HKS GT Supercharger Complete Kit. Test results showed that emission levels, with the HKS GT Supercharger Complete Kit installed, 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 / SCO3) test cycles. Examination of the OBD II system showed the HKS GT Supercharger Complete Kit did not affect OBD II system operation. Results from emission testing conducted at California Environmental Engineering, Santa Ana, California are listed below in grams per mile with deterioration factors applied.

2004 model year Nissan 350Z	CVS-75 FTP			
	NMOG	CO	NOx	HCHO
Standards	0.075	3.4	0.05	0.015
Device Test	0.047	0.8	0.03	0.001
	US06/SCO3			
	NMHC+NOx	CO		
Standards 4k	0.14/0.20	8.0/2.7		
Device	0.04/0.06	4.2/2.1		

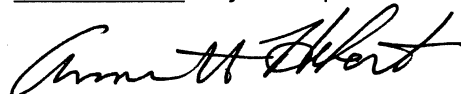
The Air Resources Board reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add-on or modified part continues to meet the standards and procedures of Title 13, California Code of Regulations, Section 2222, et seq.

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 HKS GT SUPERCHARGER COMPLETE KIT.

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 22 day of September 2008.



Annette Hebert, Chief  
Mobile Source Operations Division