

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-695

Relating to Exemptions Under Section 27156
of the California Vehicle Code

Sprintex
Mini Cooper S Supercharger 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 Mini Cooper S Supercharger Kit, manufactured and marketed by Sprintex, 6151 N. Academy Dr., Unit B, Colorado Springs, Colorado 80918, 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 all 2002 to 2006 1.6L Mini Cooper S vehicles originally equipped with a supercharger.

The Mini Cooper S Supercharger Kit is a replacement Sprintex supercharger, part no. S5-210, with a 70 mm diameter pulley. Maximum boost is 13 psi. Additional kit parts includes a new ECU calibration with no user adjustments, discharge duct, intake pipe, and water pump. No changes are made to the crankshaft pulley, air filter housing, throttle body, fuel injectors or radiator thermostat.

This Executive Order is valid provided that the installation instructions for the Mini Cooper S Supercharger Kit will not recommend tuning the vehicle to specifications different from those of the kit manufacturer.

Changes made to the design or operating conditions of the Mini Cooper S Supercharger 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 is granted based on submitted emission test data generated on one test vehicle modified with the Mini Cooper S Supercharger Kit. Test results showed that emission levels, with the supercharger kit installed, met the applicable emission standards when tested using the Cold-Start CVS-75 Federal Test Procedure (FTP) test cycle and the Supplemental Federal Test Procedure (SFTP-US06) test cycle. Examination of the OBD II system showed that the supercharger kit did not affect OBD II system operation.

Results from emissions testing conducted at the Auto Club Emissions Laboratory, located in Diamond Bar, California, are shown below (in grams per mile).

2005 Mini Cooper S	CVS-75 FTP				SFTP US06	
	NMOG	CO	NOx	HCHO	NMHC+NOx	CO
Standards*	0.075	3.4	0.2	0.015	0.14	8.0
Device Test w/df	0.059	1.2	0.08	0.001	0.06	5.0

*LEV I LEV CVS-75 FTP 50K emissions standards.

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 MINI COOPER S SUPERCHARGER KIT.

Marketing of the Mini Cooper S Supercharger Kit using any identification other than that shown in this Executive Order or marketing of the Mini Cooper S Supercharger 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.

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 19th day of July 2012.


Annette Hebert, Chief
 Mobile Source Operations Division