

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-365-7

Relating to Exemptions Under Section 27156
of the Vehicle Code

Accessible Technologies Inc.
High Output Intercooled Supercharger System

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 High Output Intercooled Supercharger System manufactured and marketed by Accessible Technologies Inc. of 14801 W. 114th Terrace, Lenexa, KS 66215, has been found not to reduce the effectiveness of required motor vehicle pollution control devices and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for the Chrysler vehicle applications listed in Exhibit A.

The High Output Intercooled Supercharger System includes the following main components: a supercharger blower and intake manifold plenum, replacement fuel injectors, a replacement manifold absolute pressure sensor, an air-to-water intercooler, a fuel pump voltage booster (applicable 6.1L vehicles only), open air filter intake system, and new fuel and timing map calibrations. The intake air temperature sensor is relocated to the replacement intake tubing, and the stock breather hose is replaced with SAE 30R9 rated hose. All other emission-related components are in the stock location relative to the throttle body. All crankshaft pulleys are stock and maximum boost is limited to 7.5 psi.

This Executive Order is valid provided that the installation instructions for the High Output Intercooled Supercharger System will not recommend tuning the vehicle to specifications different from those of Accessible Technologies Inc.

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

Marketing of these devices using any identification other than that shown in this Executive Order or marketing of this device 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 that the use of these devices may have on any warranty either expressed or implied by the vehicle manufacturer.

This exemption is issued based on submitted emissions test data from an independent laboratory on a 2010 model year Chrysler 300 2WD (Test Group ACRXV05.7UP0) certified to the Low Emission Vehicle II Ultra Low Emission Vehicle (LEV II ULEV) and Supplemental Federal Test Procedure (SFTP) standards:

Federal Test Procedure:

	<u>NMOG</u>	<u>CO</u>	<u>NOX</u>
Standards (g/mi)	0.070	2.1	0.04
Device (g/mi) with df's applied	0.046	0.9	0.03

SFTP (US06 Cycle):

	<u>NMHC+NOX</u>	<u>CO</u>
Standards (g/mi)	0.14	8.0
Device (g/mi)	0.04	0.5

SFTP (SC03 Alternative AC2 Cycle):

	<u>NMHC+NOX</u>	<u>CO</u>
Standards (g/mi)	0.20	2.7
Device (g/mi)	0.03	0.8

Test results showed that the High Output Intercooled Supercharger System when installed on the vehicle did not cause exhaust emissions to exceed the applicable emission standards during the Cold-Start Federal Test Procedure and SFTP test cycles. This Executive Order is also based on On-Board Diagnostic II (OBD II) testing conducted the same test vehicle. The High Output Intercooled Supercharger System when installed on this test vehicle did not affect the vehicle's ability to perform its OBD II monitoring.

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 HIGH OUTPUT INTERCOOLED SUPERCHARGER SYSTEM.

No claims 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 13 day of December 2011.

A handwritten signature in cursive script, appearing to read "Annette Hebert".

Annette Hebert, Chief
Mobile Source Operations Division

Exhibit A

(E.O.# D-365-7)

Hemi Application Part Number Changes

<u>Application</u>	<u>Part Number</u>	<u>Description</u>	<u>Supercharger</u>	<u>Intercooled</u>	<u>crank pulley size</u>	<u>P-1SC-1 pulley size</u>	<u>notes</u>
2008-2010 Dodge Challenger SRT8 (6.1L)	1DF314-SCI	HO Intercooled System, 7.5 psi	P-1SC-1	yes	Stock	3.60"	6 rib drive system
2009-2010 Dodge Challenger RT (5.7L)	1DF314-SCI	HO Intercooled System, 7 psi	P-1SC-1	yes	Stock	3.60"	6 rib drive system
2006-2010 Dodge Charger SRT8 (6.1L)	1DD314-SCI	HO Intercooled System, 7.5 psi	P-1SC-1	yes	Stock	3.60"	6 rib drive system,
2006-2010 Dodge Charger RT (5.7L)	1DD314-SCI	HO Intercooled System, 7 psi	P-1SC-1	yes	Stock	3.60"	6 rib drive system,
2005-2010 Chrysler 300C SRT8 (6.1L)	1DE314-SCI	HO Intercooled System, 7.5 psi	P-1SC-1	yes	Stock	3.60"	6 rib drive system,
2005-2010 Chrysler 300C RT (5.7L)	1DE314-SCI	HO Intercooled System, 7 psi	P-1SC-1	yes	Stock	3.60"	6 rib drive system,
2005-2008 Dodge Magnum SRT8 (6.1L)	1DE314-SCI	HO Intercooled System, 7.5 psi	P-1SC-1	yes	Stock	3.60"	6 rib drive system
2005-2008 Dodge Magnum RT (5.7L)	1DE314-SCI	HO Intercooled System, 7 psi	P-1SC-1	yes	Stock	3.60"	6 rib drive system
2004-2008 Dodge Ram 1500 Hemi (5.7L)	1DC214-SCI	HO Intercooled System, 6 psi	P-1SC-1	yes	Stock	3.85"	7 rib drive system