

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-365-8

Relating to Exemptions Under Section 27156
of the California Vehicle Code

Accessible Technologies, Inc.
ATI Procharger

Pursuant to the authority vested in the Air Resources Board (ARB) by Section 27156 of the Vehicle Code (VC); 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-14-012;

IT IS ORDERED AND RESOLVED: That installation of the ATI Procharger, produced and marketed by Accessible Technologies, Inc. (ATI) of 14801 West 114th Terrace, Lenexa, Kansas 66215, 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 vehicles listed in the attached Exhibit A.

The ATI Procharger includes the following main components: P-1SC/P-1SC-1 Procharger, modified drive belt system, intake tubing with open element air filter, air to air intercooler, supercharger by-pass valve, new ECU software calibration without user adjustments, replacement fuel injectors, replacement fuel pump, harmonic balancer, and coolant tank. Maximum boost pressure, supercharger pulley size, and crank pulley size is listed in Exhibit A. The stock radiator thermostat and throttle body are retained. The PCV and crankcase breather hose may be replaced or modified with an SAE30R9 rated hose or an equivalent Ford replacement. Flex-Fuel vehicles may only use the specified premium gasoline fuel.

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

Changes made to the design or operating conditions of the ATI Procharger, as exempt by ARB, 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 ATI Procharger 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 ATI Procharger using any identification other than that shown in this Executive Order or marketing of the ATI Procharger for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from ARB.

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

This Executive Order is granted based on emission test results in the modified configuration using the Federal Test Procedure (FTP) and Supplemental Federal Test Procedure (SFTP), and an examination of the On-Board Diagnostic II (OBD II) system. A 2014 Ford F150 equipped with a 5.0 liter engine (EFMXT05.03D7, LEV-II ULEV) was used for the evaluation of the ATI Procharger. Results from emissions testing conducted at Automotive Testing & Development Services, Inc., are shown below (in grams per mile):

2014 Ford F150 5.0 liter

FTP	120,000 mi. Emission Level (DF applied)	NMOG	CO	NOx	HCHO
	STD	0.034	1.2	0.01	0.001
		0.070	2.1	0.04	0.011
		NMHC + NOx		CO	
SFTP US06	Emission Level	0.1		0.7	
	STD	0.4		10.5	
SFTP SC03	Emission Level	0.08		0.4	
	STD	0.31		3.5	

Emission test results in the modified configuration were below the applicable certification standards. Examination of the OBD II system showed the ATI Procharger does not affect OBD II operation. Therefore, based on the test results, the staff concludes that the ATI Procharger meets the criteria for exemption.

ARB 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. Further, if test results or other evidence provides ARB with reason to suspect that the ATI Procharger will affect the durability of emission control systems, ATI shall be required to submit durability data to show that the durability of vehicle emission control systems are not, in fact, affected and/or that the add-on or modified part demonstrates adequate durability.

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 ATI PROCHARGER.

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 19 day of January 2016.

A handwritten signature in black ink, appearing to read "Annette Hebert". The signature is fluid and cursive, with a large initial "A" and "H".

Annette Hebert, Chief
Emissions Compliance, Automotive Regulations and Science Division

Exhibit A

Application	Part #	Max Boost (psi)	Supercharger	Injectors Replaced	Crank Pulley Size	Pulley Size	Drive System
2010 Ford Raptor (5.4L)	1FS211-SCI	9	P-1SC-1	yes	stock	3.40"	6 rib
2010 - 2014 Ford F150/ Raptor (6.2L)	1FS211-SCI	8	P-1SC-1	yes	7.65"	4.00"	8 rib
2011 - 2014 Ford F150 (5.0L)	1FV211-SCI	7	P-1SC-1	no	7.65"	4.25"	8 rib
2011 - 2014 Ford F150 (5.0L)	1FV311-SCI	9	P-1SC-1	yes	7.65"	4.25"	8 rib
2002 - 2003 Ford F150 (5.4L)	1FG211-SCI	9	P-1SC	no	7.65"	3.70"	6 rib
2002 Ford Expedition (5.4L)	1FG211-SCI	9	P-1SC	no	7.65"	3.70"	6 rib
2002 - 2003 Ford F150 (4.6L)	1FH211-SCI	9	P-1SC	no	7.65"	3.70"	6 rib
2002 Ford Expedition (4.6L)	1FH211-SCI	9	P-1SC	no	7.65"	3.70"	6 rib
2004 - 2010 Ford F150 (5.4L)	1FN211-SCI	9	P-1SC-1	yes/ no(E85)	stock	3.20"	6 rib
2007 - 2009 Ford Expedition (5.4L)	1FN211-SCI	9	P-1SC-1	yes/ no(E85)	stock	3.20"	6 rib