

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-783-1

Relating to Exemptions Under Section 27156
of the California Vehicle Code

APR LLC
Carbonio Intake

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 RESOVED: That installation of the Carbonio Intake, produced and marketed by APR LLC (APR) of 4800 US HWY 280 West, Opelika, Alabama 36801, 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 Carbonio Intake is a replacement for the Original Equipment Manufacturer (OEM) air intake system. The Carbonio Intake includes the following main components: open-element air filter, intake system tubing, assorted brackets, and hardware. No changes are made to any other component of the stock engine, including engine calibration.

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

Changes made to the design or operating conditions of the Carbonio Intake, 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 Carbonio Intake 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 Carbonio Intake using any identification other than that shown in this Executive Order or marketing of the Carbonio Intake 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 Carbonio Intake 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), Supplemental Federal Test Procedure (SFTP US06), 2-Days Diurnal + Hot Soak evaporative emissions test (2-Day Evap.), and an examination of the On-Board Diagnostic II (OBD II) system. A 2016 Volkswagen GTI (GVGAV02.0APA, LEV-II SULEV) and a 2010 Volkswagen CC (AVWXV02.03PA, LEV-II SULEV), each equipped with a 2.0 liter turbocharged engine, were used for the evaluation of the Carbonio Intake. Results from emissions testing conducted at Automotive Testing & Development Services, Inc., are shown below (in grams per mile, with DF's applied):

2016 Volkswagen GTI 2.0 liter turbocharged (modified)

FTP	150,000 mi.	NMOG	CO	NOx	HCHO
	Emission Level	0.007	0.1	0.01	0.0001
	STD	0.010	1.0	0.02	0.008
SFTP US06		NMHC + NOx		CO	
	Emission Level	0.06		0.01	
	STD	0.14		8.0	
2-Day Evap.	150,000 mi.	HC (grams/test)			
	Emission Level	0.33			
	STD	0.35			

2010 Volkswagen CC 2.0 liter turbocharged (modified)

2-Day Evap.	150,000 mi.	HC (grams/test)
	Emission Level	0.35
	STD	0.35

Emission test results in the modified configuration for both test vehicles were at or below the applicable certification standards. Examination of the OBD II system on both test vehicles showed Carbonio Intake does not affect OBD II operation. Therefore, based on the test results, the staff concludes that the Carbonio Intake 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 Carbonio Intake will affect the durability of emission control systems, APR 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 APR CARBONIO INTAKE.

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 11 day of October 2016.



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

Exhibit A

Part Number	Year	Make/Model	Engine
CI100001	1999-2005	VW Golf, Jetta*	2.0L NA
	2000-2005	VW Golf/GTI, Jetta*	1.8L Turbo
CI100002	2000-2005	VW Jetta* VR6	2.8L NA
	1999-2003	VW Golf/GTI VR6	2.8L NA
CI100006	2004	VW Golf R32	3.2L NA
CI100009	1997-2001	Audi A4*	1.8L Turbo
CI100010	2002-2006	Audi A4*	1.8L Turbo
CI100011	2005-2009	Audi A4*	2.0L Turbo
CI100012	2012-2013	VW Golf R	2.0L Turbo
	2006-2008	VW GTI, Jetta, Passat*	2.0L Turbo
	2007-2008	VW EOS	2.0L Turbo
	2006-2008	Audi A3	2.0L Turbo
CI100015	2004-2009	Audi S4*	4.2L NA
CI100018	2005-2009	VW Jetta*	2.5L NA
	2007-2009	VW Rabbit	2.5L NA
	2006	VW Golf	2.5L NA
CI100020+CI100020B	2009-2015	VW Tiguan*	2.0L Turbo
CI100020+CI100020D	2008-2015	Audi TT*	2.0L Turbo
CI100020+CI100020C**	2008-2013	Audi A3	2.0L Turbo
	2013	VW Beetle*	2.0L Turbo
	2012-2015	VW EOS	2.0L Turbo
	2008-2013	VW GTI, Jetta*	2.0L Turbo
CI100020+CI100020B+CI100020C**	2008-2010	VW Passat	2.0L Turbo
	2009-2015	VW CC	2.0L Turbo
CI100020+CI100020B+CI100020C**+ CI100020A†	2010-2011	VW Passat	2.0L Turbo
	2010-2015	VW CC	2.0L Turbo
CI100020+CI100020C**+CI100020A†	2008-2013	Audi A3	2.0L Turbo
	2012	VW Beetle*	2.0L Turbo
	2012-2015	VW EOS	2.0L Turbo
	2012-2013	VW Jetta*	2.0L Turbo
	2008-2014	VW GTI	2.0L Turbo
CI100020+CI100020E	2014	VW Jetta GLI	2.0L Turbo
CI100020+CI100020E+CI100020C**	2014	VW Beetle*	2.0L Turbo
CI100020+CI100020E+CI100020C** +CI100020A†	2014	VW Beetle*	2.0L Turbo
CI100020+CI100020E+CI100020A†	2014-2015	VW Jetta GLI	2.0L Turbo
	2014-2015	VW Jetta, Passat, Beetle*	1.8L Turbo
CI100021	2011-2015	Audi Q5*	2.0L Turbo
	2009-2015	Audi A4*, A5*	2.0L Turbo
	2013-2015	Audi Allroad Quattro	2.0L Turbo
CI100023	2009-2012	Audi Q5	3.2L NA
	2008-2010	Audi A5*	3.2L NA
	2009-2010	A4 Quattro	3.2L NA
	2008-2012	Audi S5	4.2L NA

Exhibit A

CI100023+CI100024**	2014-2015	SQ5	3.0L SC
	2013-2015	Q5	3.0L SC
	2010-2015	Audi S4/S5*	3.0L SC
CI100025+CI100020A†	2010-2014	VW Golf/Jetta Sportwagen	2.5L NA
CI100030	2011-2015	VW Jetta	2.0L NA
CI100033	2015	Audi S3, TT, VW Golf R	2.0L Turbo
CI100033+CI100020A†	2015-2016	Audi A3*, VW Golf*	1.8L Turbo
	2015-2016	Audi A3*	2.0L Turbo
	2015-2016	VW GTI	2.0L Turbo
<i>* Models may include trim level suffix: Quattro, Cabriolet, Coupe, and/or Roadster</i> <i>** Optional Intake Tube</i> <i>†Used on vehicles with Secondary Air Injection</i>			<i>NA: naturally aspirated</i> <i>Turbo: turbocharged</i> <i>SC: supercharged</i>