## State of California AIR RESOURCES BOARD

## **EXECUTIVE ORDER D-550-22**

Relating to Exemptions Under Section 27156 of the California Vehicle Code

Advanced Flow Engineering, Inc.
Air Intake Systems

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-14-012;

IT IS ORDERED AND RESOLVED: That the installation of the Air Intake Systems, manufactured and marketed by Advanced Flow Engineering, Inc., 252 Granite Street Corona, California 92879, 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 1991 to 2017 model year Dodge, Chrysler, and Jeep vehicles equipped with a gasoline engine, as listed in Exhibit A.

The Air Intake Systems consists of the following main components: Open or closed element air filter, air intake tubing from throttle body to filter, and all necessary mounting hardware for proper installation. Installation of the Air Intake System requires the removal of the stock air filter housing and all intake air tubing. If the stock air filter housing contains the vehicle's tune-up & emissions control decal, a replacement decal must be placed in a similar location.

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

Changes made to the design or operating conditions of the Air Intake Systems, 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 exemption is issued based on submitted emissions test data, from the SEMA Garage, Diamond Bar, California, on a 2017 model year Dodge 5.7LCharger certified to the LEV II ULEV emission standards, Air Intake Systems, and tested using the Cold-Start CVS-75 Federal Test Procedure (FTP) test cycle and the Supplemental Federal Test Procedure (SFTP US06/SC03 (AC2 test + 20%)) test cycle.

Useful Life FTP Emission Level	NMOG+NOx	CO	НСНО
(w/ df applied, 2 test avg)	0.075	0.7	0.002
Standards	0.110	2.1	0.004

Useful Life SFTP NMOG+NOx CO Emission Level (Composite w/ df) 0.078 1.0 Standards 0.110 (BIN) 4.2

Test results showed that the Air Intake Systems did not cause exhaust emissions to exceed the applicable emission standards during the FTP and SFTP. This Executive Order is also based on the On-Board Diagnostic II (OBD II) testing conducted on the same test vehicle. The Air Intake Systems when installed on the test vehicle did not affect the vehicle's ability to perform its OBD II monitoring. Similar results would be expected from the other kits listed.

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 seg.

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 AIR INTAKE SYSTEMS.

This Executive Order shall not apply to any Air Intake Systems 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 Air Intake Systems using any identification other than that shown in this Executive Order or marketing of the Air Intake Systems 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 \_\_\_\_ day of June 2017.

Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

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10.5 17.2 17.2 18.5 18.5 18.5	2013 2013 2013 2013	2011 2011 2011	СВУИР СНЕВОКЕЕ DNBVAGO СВУИР СНЕВОКЕЕ DNBVAGO	DODGE		25121-27 252121-27 252121-27	75771-TS 75771-TS 75771-TS 777775	Z4ZZI-42 Z4ZZI-45 Z7ZZI-55
10.2 17.2 17.2	2013 2013	2011 2011	GEVAND CHEBOKEE DOEVANGO	DODGE		75-12242	27-12242	24-12242
17.2 17.2 20.2	2013	TTOZ	GRAND CHEROKEE					
10.2 2.0L				JEEP		75-12242	21-12242	24-12242
2.01	2013							
		2013	RAM 1500	DODGE			21-12402	20+21-45
	2016	STOZ	had	Dodge			TR-52018-D	A-81022-AT
14.2	2017	TTOZ	Challenger/Charger/Chrysler 300C			20777-42	29171-15	29171-75
12.9	2017	STOZ	Challenger/Charger			20821-45	25-72204-C	52-72204
74.8	ZOZ	TTOZ	Challenger/Charger/Chrysler 300			24-72203	27-12172	24-12172
3.6L	2017	TTOZ	Challenger/Charger/Chrysler 300			10227-42	8-25121-15	8-22121-45
14.2	2012	2003	RAM 1500/2500/3500			18501-27	18601-15	18501-45
JY.E	2012	2002	MAR 1500			18501-27	18601-15	18501-45
4.7ل	2012	2002	DOST MAR			18501-57	18601-15	18501-42
16.2	2003	2002	RAM 1500/2500			18501-27	18501-15	18501-45
17.2	2012	5003	RAM 2500/3500				25-11632	26-11632
14'5	2011	2002	СНАГГЕЙВЕВ			TTZOT-SZ	TTZOT-TS	TTZ0T-75
11.9	2010	5002	CHALLENGER (SRT8)	DODGE		TTZOT-SZ	TTZOT-TS	TTZ0T-72
14.2	SOTO	2006	СНАВСЕВ	DODGE		TTZOT-SZ	TIZOT-IS	TTZ01-72
71.9	2010	2006	CHARGER (SRT8)	DODGE		TTZOT-SZ	TTZOT-TS	11701-42
74.2	2010	2002		CHEASTER	A/N	TTLOT-SL	TTZOT-TS	TTZ0T-75
71.9	2010	5002	300C (SRRS)		A/N	TTZOT-SZ	TTZOT-TS	TTZ0T-72
14.2	2008	5007	MUNDAM			ITZOT-SZ	TTZOT-TS	TTZ0T-75
11.9	2010	2006	(8TA2) MUNDAM	DODGE		TTLOT-SL	TTZOT-TS	TTZ01-75
14.2	TTOZ	5007	RAM 2500/3500	DODGE				FZ-02001
14.2	TTOZ	2007	CHALLENGER	DODGE	A\N	ZTLOT-SL	21701-12	24-10712
11'9	SOTO	5002	CHALLENGER (SRT8)	DODGE	A\N	71701-27	21707-12	24-10712
72'5	SOTO	5006	СНАВСЕВ	DODGE	A/N	71/01-5/	ZIZOI-IS	21701-42
11.9	2010	2006	СНАЯБЕЕ (SRT8)	DODGE	A/N	ZTZOT-SZ	ZIZOI-IS	24-10712
11.9	2008	2006	(8TA2) MUNDAM	DODGE	A\N	75-10712	ZIZOT-IS	24-10712
72'5	SOTO	2002	3000	CHBASTEB	A/N	75-10712	21/01-15	24-10712
11.8	2010	2005	300C (SRT8)	CHEASTER	A/N	71/01-5/	21-10712	24-10712
17.2	2008	2005	MUNDAM	DODGE	A\N	71/01-5/	21/01-15	ZTZ0T-45
3.51	SOTO	2006	Challenger/Charger/Chrysler 300	DODGE			27-10922	24-10922
3.51	2008	2002	MUNDAM	DODGE			22-10922	24-10922
77.4	5007	2004	ODNARUG	DODGE	. A\N	75-10622	27-10622	24-10622
17.2	5002	2004	OĐNARUG	DODGE	A\N	75-10622	27-10622	24-10622
17.2	2008	2003	002£\002\$\0021 MAR	DODGE	A/N	70501-57	Z050T-TS	20501-45
17.2	2008	2003	002E\0025\0021 MAA	DODGE			Z66TT-TS	26611-45
17.4	2002	2002	DOST MAR	DODGE			ZTOZT-TS	24-12012
17.2	9002	2003	1200/5200/3200	DODGE	A\N	75-10382	28501-12	54-1038Z
2.01	2005	2000	NEON	DODGE	A\N	12401-57	TEPOT-TS	15401-45
75.4	2002	2003	NEON SRT-4	DODGE	A\N	75-10582	28501-15	28501-95
16'S	2003	2000	DAKOTA/DURANGO	DODGE	A\N	ZETOT-SZ	25101-12	26-10132
4.71	2003	2002	1200	DODGE	A\N	71201-57	21-10212	24-10212
17.4	2003	2000	DAKOTA/DURANGO	DODGE	A\N	72-501-57	27-10372	SYE01-42
12.2	2001	766T	T200 SEKIES PICKUP	DODGE	A\N	75-10112	ZITOT-IS	ZTTOT-VS
16.2	2001	766T	1200 SERIES PICKUP	DODGE	A\N	75-10112	21101-15	21101-45
12.2	666T	266T	DAKOTA	DODGE	A\N	75-10362	29501-45	24-10362
12.2	666I	8661	DURANGO	DODGE	A\N	75-10362	29501-15	Z9E0T-bS
16.2	666T	Z661	DAKOTA	DODGE	A\N	Z9E0T-57	29501-12	24-10362
	1999	8661	ODNANUG	DODGE	A/N	75-10362	29501-15	29501-45
	2014	2012	WRANGLER (JK)	JEEP	00,400	(abodeted	44444	24-12099
	2014	2012	WRANGLER (JK)	JEEP		40297-27	\$079Z-TS	50797-42
	2014	2012	WRANGLER (JK)	JEEP		production to the		F2-06201
	2013	2012	WRANGLER (JK)	JEEP		1-26021-57	1-26021-15	Z4-12092-1
	2011	2002	WRANGLER (JK)	JEEP	VS-11252-2V	7-75711-57	21-11525-5	2-25211-75
	1102	2002	WRANGLER (JK)	JEEP		75-81757	75718-15	1-25211-75
	TTOZ	2002	WRANGLER (JK)	JEEP		450,000		F2-06202
	TIOZ	2002	WRANGLER (JK)	9331		75-76203	21-76203	50297-42
	2010	9007	GRAND CHEROKEE (SRT8)	JEEP		76111-27	26111-12	54-11192
	2007	2006	COMMANDER	JEEP		75-10242	21-10242	24-10242
	2007	2005	GRAND CHEROKEE	JEEP		75-10242	21-10242	24-10242
	2007	2006	COMMANDER	JEEP		75-10252	22-10252	Z\$Z01-45
	2006	2005	GRAND CHEROKEE	433L		75-10252	22-10252	52501-42
	2006	799T	UT RAUGLER TJ	JEEP	A\N	75-10142	ST-TOT-IS	ZPIOI-P2
	9007	Z66T	(IT) RELEMENT	JEEP	18647	75-76202	20297-12	20797-42
	2005	666T	GRAND CHEROKEE	9331	A\N	29101-57	29101-15	29101-49
	2003	2002	LIBERTY	933L	A\N	75-10232	25.10232	54-10232
	2002	Z66T	(LT) ABLENARW	JEEP		75-11832	51-11832	54-11832
	7007	1661	CHEBOKEE	JEEP	A\N	75-10422	22-10422	24-10422
	2001	1661	CHEBOKEE (X1)	JEEP		75-11552	23-11225	24-11552
	5661	1661	WRANGLER YJ	JEEP	A\N	75101-57	25101-15	25101-45
	S66T	1661	(LY) ABLENARW	JEEP	272.4	10794-54	10297-12	10297-42
	2006	2003	PT CRUISER GT	COLUMN TO SERVICE SERV	A\N	74901-57	54901-12	24901-45
	2006	2001	PT CRUISER (NON TURBO)			ZSE01-54	75501-15	22-10352
74.5	2002	TOOZ	PT CRUISER (NON TURBO)	CHBYSLER				54-11442

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