



## EXECUTIVE ORDER D-660-9

### Relating to Exemptions Under Section 27156 of the California Vehicle Code

#### Cobb Tuning Bypass Valve

Pursuant to the authority vested in the California 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 Bypass Valve, manufactured and marketed by Cobb Tuning, 2311 West Rundberg Lane, Suite 500 Austin, Texas 78758, 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 Subaru vehicle applications listed in Exhibit A.

The Bypass Valve is a direct fit replacement of the stock bypass valve that connects the outlet of the turbocharger compressor to the inlet of the same compressor and provides a recirculation path for the charge air. There is no user adjustability. No changes are required and the stock ECU calibration is not modified.

This Executive Order is valid provided that the installation instructions for the Bypass Valve 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 Bypass Valve, as exempt by the California Air Resources Board, 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 Bypass Valve 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 Bypass Valve using any identification other than that shown in this Executive Order or marketing of the Bypass Valve for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the California Air Resources Board.

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

Exemption of the Bypass Valve shall not be construed as an exemption to sell, offer for sale, or advertise any component of the assembly as individual devices.

This Executive Order is granted based on previously submitted emission test data generated on a 2019 model year Subaru Impreza WRX Sti 2.5L turbo (KFJXV02.5JHZ, LEV III ULEV 160, PC), modified with the Bypass Valve. Test results showed that emission levels, with the Bypass Valve installed, were below the emission standards when tested using Cold-Start CVS-75 Federal Test Procedure and the Supplemental Federal Test Procedure (US06/SC03) test cycles. Results from emission testing conducted at the SEMA Garage, Diamond Bar, California, are shown below, in grams per mile, with deterioration factors (df) applied.

	NMOG+NOx	CVS-75			US06	SFTP Composite	
		CO	PM	HCHO	PM	NMOG+NOx	CO
Standards	0.160	4.2	0.003	0.004	0.006	0.150 (BIN)	4.2
Device	0.087	1.1	0.000	0.001	0.000	0.086	1.2

Examination of the OBD II system showed the Bypass Valve does not affect OBD II system operation.

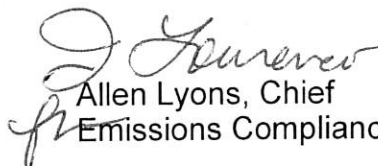
The California Air Resources Board reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add-on or modified part continues to meet the standards and procedures of Title 13, California Code of Regulations, Section 2222, et seq.

THIS EXECUTIVE ORDER DOES NOT CONSTITUTE A CERTIFICATION, ACCREDITATION, APPROVAL, OR ANY OTHER TYPE OF ENDORSEMENT BY THE CALIFORNIA AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF THE BYPASS VALVE.

No claim of any kind, such as "Approved by the California 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 24<sup>th</sup> day of May 2019.

  
Allen Lyons, Chief  
Emissions Compliance, Automotive Regulations and Science Division

## Exhibit A

<b>Part Number</b>	<b>Make</b>	<b>Model</b>	<b>Eng. Disp.</b>	<b>Model Year</b>
712665	Subaru	Impreza WRX Sti	2.5L Turbo	2004 to 2019
	Subaru	Impreza WRX	2.5L Turbo	2006 to 2007
	Subaru	Impreza WRX	2.0L Turbo	2002 to 2005
	Subaru	Forester XT	2.5L Turbo	2004 to 2008
724665	Subaru	Impreza WRX	2.5L Turbo	2008 to 2014
	Subaru	Forester XT	2.5L Turbo	2009 to 2013
	Subaru	Legacy GT, Outback XT	2.5L Turbo	2005 to 2009
745665	Subaru	Impreza WRX	2.0L Turbo	2015 to 2019
	Subaru	Forester XT	2.0L Turbo	2014 to 2018