State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-245-17

Relating to Exemptions under
Section 27156 of the Vehicle Code

BBK Performance
Throttle Bodies

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 Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-14-012;

IT IS ORDERED AND RESOLVED: That installation of the Throttle Bodies, manufactured by BBK Performance, 27440 Bostik Court, Temecula, California 92590, has been found not to reduce the effectiveness of the applicable vehicle pollution control systems, and therefore, the Throttle Bodies are exempt from the prohibitions in VC Section 27156 for installation on the following Ford and General Motors vehicle applications listed in Exhibit A.

The BBK Throttle Body is a new throttle body that has been designed to OEM specifications with a slightly larger diameter bore. A new throttle plate is included to match up with the new diameter bore. Installation is in the stock location, with no other modifications needed for proper installation.

This Executive Order is valid provided that the installation instructions for the Throttle Bodies 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 Throttle Bodies, as exempt by the Air Resources Board, which adversely affect the performance of the vehicle's pollution control system shall invalidate this Executive Order.

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 is granted based on submitted emission test data generated on two test vehicles: a 2012 model year Chevrolet Camaro, equipped with a 6.2L engine and modified with part number 1790 and a 2012 model year Ford Mustang, equipped with a 5.0L engine and modified with part number 18210. Test results showed that emission levels, with the Throttle Bodies installed, met the applicable emission standards when tested using the Cold-Start CVS-75 Federal Test Procedure (FTP) test cycle and the Supplemental Federal Test Procedure (SFTP US06) test cycle. Examination of the OBD II system showed that the Throttle Bodies did not affect OBD II system operation. Results

from emissions testing conducted at Quantum Technologies, located at Lake Forest, California, are shown below, in grams per mile, with deterioration factors (df) applied.

	CVS-75 FTP			
	NMOG	CO	NOx	HCHO
Standards, Useful Life*	0.070	2.1	0.04	0.011
Device Test Ford w/df	0.050	1.4	0.02	0.001
Device Test GM w/df	0.061	1.5	0.03	0.001

	US06	
	NMHC+NOx	CO
Standards 4k	0.14	8.0
Device on Ford	0.05	1.4
Device on GM	0.07	2.5

* USEPA Bin 4, Counted as LEV II ULEV, CVS-75 FTP emissions standards, useful life.

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 THROTTLE BODIES.

Marketing of the Throttle Bodies using any identification other than that shown in this Executive Order or marketing of the Throttle Bodies 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 18th day of July 2016.

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

Ford

Throttle Bodies *Part #*	***Description***
1500	86-93 FORD 5.0L 70MM POWER PLUS THROTTLE BODY & EGR SPACER KIT
1514	86-93 FORD MUSTANG 5.0L 80MM POWER PLUS THROTTLE BODY - RACE
1548	94-98 FORD MUSTANG 3.8L-V6 56MM POWER PLUS THROTTLE BODY
1552	99-00 FORD MUSTANG 3.8L-V6 65MM POWER PLUS THROTTLE BODY
1600	86-93 FORD 5.0L 75MM POWER PLUS THROTTLE BODY & EGR SPACER KIT
1652	01-04 FORD MUSTANG 3.8L-V6 / FORD TRUCK 4.2L 65MM POWER PLUS THROTTLE BODY
1711	96-02 FORD 4.6L-4V COBRA / V-10 97-02 F-SERIES/EXCURSION 03-04 MACH1 & BULLIT THROTTLE BODY TWIN 65MM POWER PLUS THROTTLE BODY
17110	03-04 FORD 4.6L- 4V COBRA S/C TWIN 65MM POWER PLUS THROTTLE BODY
1751	00-02 FORD FOCUS 2.0L Z-TECH 65MM POWER PLUS THROTTLE BODY
1754	02-04 FORD FOCUS SVT 66MM POWER PLUS THROTTLE BODY
1755	99-04 FORD LIGHTNING TRUCK 5.4L S/C TWIN 65MM POWER PLUS THROTTLE BODY
1763	05-10 FORD MUSTANG GT TWIN 62MM POWER PLUS THROTTLE BODY
1764	07-14 FORD TWIN 65MM V-10 TRUCK THROTTLE BODY, 07-14 FORD MUSTANG SHELBY GT500 THROTTLE BODY
1765	05-10 FORD MUSTANG 4.0L V-6 70MM POWER PLUS THROTTLE BODY
1780	96-04 FORD MUSTANG GT 4.6L-2V THROTTLE INTAKE
17800	96-04 FORD MUSTANG GT 4.6L-2V THROTTLE INTAKE-POLISHED FINISH
1821	2011-14 MUSTANG GT 5.0L/F SERIES TRUCK 85MM POWER PLUS THROTTLE BODY
18210	2011-14 MUSTANG GT 5.0L/F SERIES TRUCK 90MM POWER PLUS THROTTLE BODY
1823	2010-14 6.2L RAPTOR THROTTLE BODY
1822	2011-14 MUSTANG V6 3.7L POWER PLUS THROTTLE BODY
1901	01-08 FORD RANGER/EXPLORER 4.0L POWER PLUS 70MM THROTTLE BODY
1902	02-08 FORD RANGER/EXPLORER 3.0L POWER PLUS 56MM THROTTLE BODY

GM

Throttle Bodies *Part #*	***Description***
1708	97-04 CHEVY CORVETTE 80MM LS-1 POWER PLUS THROTTLE BODY
1709	98-03 GM LS-1 CAMARO/FIREBIRD -04 GTO 99-02 GM FULL SIZE 4.8/5.3/6.0L (CABLE) 80MM POWER PLUS THROTTLE BODY
17090	98-03 GM LS-1 CAMARO/FIREBIRD -04 GTO 99-02 GM FULL SIZE 4.8/5.3/6.0L (CABLE) 85MM POWER PLUS THROTTLE BODY
1710	96-98 GM VORTECH 305/350/454 80MM POWER PLUS THROTTLE BODY
1756	99-02 GM 4.8/5.3/6.0L TRUCK 80MM POWER PLUS THROTTLE BODY (W/ ELECTRONIC THROTTLE CONTROL)
1757	03-06 GM 4.8/5.3/6.0L TRUCK & H2 80MM POWER PLUS THROTTLE BODY
1766	98-02 GM 8100 TRUCK RV POWER PLUS THROTTLE BODY
1789	10-14 CHEVROLET LS3 6.2L 95MM PERFORMANCE THROTTLE BODY
1790	10-14 CHEVROLET LS3 6.2L 102MM PERFORMANCE THROTTLE BODY