

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-176-28  
Relating to Exemptions Under Section 27156  
Of the Vehicle Code

Dinan Engineering, Inc.  
High Flow Throttle Body

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-02-003;

IT IS ORDERED AND RESOLVED; That the installation of the High Flow Throttle Body, manufactured and marketed by Dinan Engineering, Inc., 865 Jarvis Drive, Morgan Hill, CA 95037, has been found not to reduce the effectiveness of the applicable vehicle pollution control system and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for installation on 2000 through 2003 model year BMW vehicles as described in Exhibit A, **excluding 2003 model year 325 and 330 models with the following engine test groups, 3BMXV03.0UL2 and 3BMXV02.5M56.**

The High Flow Throttle Body consists of a stock BMW throttle body that is modified to increase the overall inside diameter by 5 percent. A new throttle plate is also installed. The modified throttle body is port matched to the stock intake manifold.

This Executive Order is valid provided that the installation instructions for the High Flow Throttle Body will not recommend tuning the vehicle to specifications different from those of the vehicle manufacturer.

This Executive Order shall not apply to any High Flow Throttle Body advertised, offered for sale, sold with, or installed on a motor vehicle prior to or concurrent with the transfer to an ultimate purchaser.

Changes made to the design or operating conditions of the High Flow Throttle Body, as exempt by the Air Resources Board, which adversely affect the performance of the vehicle's pollution control system shall invalidate this Executive Order.

Marketing of the High Flow Throttle Body using any identification other than that shown in this Executive Order or marketing of the High Flow Throttle Body for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board. Exemption of the system shall not be construed as exemption to sell, offer for sale, or advertise any component of the kit as an individual device.

This Executive Order does not constitute any opinion as to the effect that the use of the High Flow Throttle Body may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on prior evaluation which determined that Dinan Engineering, Inc.'s High Flow Throttle Body does not cause an adverse effect on emissions of selected passenger cars (D-176-22), nor does it affect the vehicles' ability to perform On-Board Diagnostic II (OBD II) system monitoring. The same effect on emissions and OBD II system monitoring is expected on the vehicles listed in this Executive Order.

The 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.

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 DINAN ENGINEERING'S HIGH FLOW THROTTLE BODY.

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 of 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 17<sup>th</sup> day of May 2004.



Allen Lyons, Chief  
Mobile Source Operations Division

Exhibit A

<u>Model</u>	<u>Model Years</u>	<u>Engine Size</u>	<u>Part Number</u>
325i*	2001-2003	2.5L	D760-3250
325ci*			
325xi*			
330i*	2001-2003	3.0L	D760-3300
330ci*			
330xi*			
M3	2001-2003	3.2L	D760-3400
Z3 2.5i	2001-2002	2.5L	D760-3250
Z3 3.0i	2001-2002	3.0L	D760-3300
M Roadster	2001-2002	3.2L	D760-3400
M Coupe	2001-2002	3.2L	D760-3400
540i	1999-2003	4.4L	D760-3440
525i	2001-2003	2.5L	D760-3250
530i	2001-2003	3.0L	D760-3300
M5	2000-2003	5.0L	D760-5020
740i, 740iL	1999-2002	4.4L	D760-3440
X5 4.4i	2000-2002	4.4L	D760-3440
X5 3.0i	2001-2003	3.0L	D760-3300
X5 4.6i	2002-2003	4.6L	D760-3440
Z8	2000-2002	5.0L	D760-5020

\*Excluding 2003 model year 325 and 330 models with the following engine test groups, 3BMXV03.0UL2 and 3BMXV02.5M56.