

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-488-32

Relating to Exemptions Under Section 27156
of the Vehicle Code

Magnuson Products Inc.
Intercooled Supercharger Kit

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 Intercooled Supercharger Kit manufactured and marketed by Magnuson Products Inc. of 1990 Knoll Drive, Ventura, California 93003 has been found not to reduce the effectiveness of required motor vehicle pollution control devices and, therefore, is exempt from the prohibitions of Section 27156 of the California Vehicle Code for the General Motors vehicle applications listed in Exhibit A.

The Intercooled Supercharger Kit includes the following main components: Supercharger compressor and intake manifold plenum, larger fuel injectors (except 2014 and 2015 model year), new air filter cartridge and intake tube assembly, air to water intercooler, and new fuel and timing map calibrations. The throttle body is moved to the supercharger inlet. All other emission-related components are in the stock location relative to the throttle body. The supercharger pulley diameters vary between 3.3" and 4.1", using the stock crankshaft pulley. The stock air cleaner housing and thermostat are retained. All supplied fuel hoses are Avon's CADbar 9000 series or a stock replacement, and fuel and vapor line connectors supplied with the kit are OEM – equivalent parts. Breather hoses may be replaced with an SAE30R9 rated hose or a stock replacement. Maximum boost is limited to 7 psi.

This Executive Order shall not apply to any Intercooled Supercharger Kit advertised, offered for sale, sold with, or installed on a new motor vehicle prior to or concurrent with transfer to an ultimate purchaser.

This Executive Order is valid provided that the installation instructions for the Intercooled Supercharger Kit 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 device, as exempted by the Air Resources Board, that adversely affect the performance of a vehicle's pollution control system shall invalidate this Executive Order.

Marketing of this device using any identification other than that shown in this Executive Order or marketing of this device for an application other than those listed in this

Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board.

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

This Executive Order is granted based on previously submitted emissions and OBD II test data that was generated in support of Executive Order D-488-19. Emission levels of the modified vehicle met the applicable emission standards, and an examination of the OBD II system showed the supercharger kit did not affect OBD II system operation.

In addition, 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 INTERCOOLED SUPERCHARGER KIT.

No claims 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 30TH day of April 2015.


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

**Exhibit A
(EO # D-488-32)**

| Year | Make | Model | Engine Size (L) | Kit Part Number | Pulley Size (in) | | |
|--------------------------|--------------------------|------------------------------|------------------------|------------------------|-------------------------|-----------------|-----|
| 2007 - 2013 LEV2/ULEV | GMC | Canyon 2wd | 5.3 | 01-19-60-031-BL | 3.8 | | |
| | GMC | Canyon 4wd | | 01-19-60-031-CH | | | |
| | GMC | Canyon Crew 2wd | | | | | |
| | GMC | Canyon Crew 4wd | | | | | |
| | Chevrolet | Colorado 2wd | | | | | |
| | Chevrolet | Colorado 4wd | | | | | |
| | Chevrolet | Colorado Crew 2wd | | | | | |
| | Chevrolet | Colorado Crew 4wd | | | | | |
| 2007 - 2013 LEV2/ULEV | GMC | C15 Sierra 2wd | 4.8 | 01-19-59-985-BL | 4.1 | | |
| | Chevrolet | C15 Silverado 2wd | | 01-19-59-985-CH | | | |
| | GMC | K15 Sierra 4wd | | 01-19-59-993-BL | 4.1 | | |
| | Chevrolet | K15 Silverado 4wd | | 01-19-59-993-CH | | | |
| | GMC | C15 Sierra 2wd | | 01-19-59-995-BL | 4.1 | | |
| | Chevrolet | C15 Silverado 2wd | | 01-19-59-995-CH | | | |
| | GMC | K15 Sierra 4wd | | 01-19-59-996-BL | 4.1 | | |
| | Chevrolet | K15 Silverado 4wd | | 01-19-59-996-CH | | | |
| | | | | 01-19-60-001-BL | 4.1 | | |
| | | | | 01-19-60-001-CH | | | |
| | | | | 01-19-60-003-BL | 4.1 | | |
| | | | | 01-19-60-003-CH | | | |
| | 2007 - 2013 LEV2/ULEV | Chevrolet | | C1500 Tahoe 2wd | 5.3 | 01-19-59-985-BL | 3.7 |
| | | GMC | | C1500 Yukon 2wd | | 01-19-59-985-CH | |
| Chevrolet | | K1500 Tahoe 4wd | 01-19-59-993-BL | 3.7 | | | |
| GMC | | K1500 Yukon 4wd | 01-19-59-993-CH | | | | |
| GMC | | C15 Sierra 2wd | 01-19-59-995-BL | 3.7 | | | |
| Chevrolet | | C15 Silverado 2wd | 01-19-59-995-CH | | | | |
| GMC | | K15 Sierra 4wd | 01-19-59-996-BL | 3.7 | | | |
| Chevrolet | | K15 Silverado 4wd | 01-19-59-996-CH | | | | |
| GMC | | C15 Sierra 2wd XFE | 01-19-60-001-BL | 3.7 | | | |
| Chevrolet | | C15 Silverado 2wd XFE | 01-19-60-001-CH | | | | |
| Chevrolet | | G1500 Express 2wd Cargo | 01-19-60-003-BL | 3.7 | | | |
| Chevrolet | | G1500 Express 2wd Pass | 01-19-60-003-CH | | | | |
| Chevrolet | | G1500 Express Conv 2wd Cargo | | | | | |
| GMC | | G1500 Savana 2wd Cargo | | | | | |
| GMC | | G1500 Savana 2wd Pass | | | | | |
| GMC | | G1500 Savana Conv 2wd Cargo | | | | | |
| Chevrolet | | H1500 Express AWD Cargo | | | | | |
| Chevrolet | | H1500 Express AWD Pass | | | | | |
| Chevrolet | | H1500 Express Conv AWD Cargo | | | | | |
| GMC | | H1500 Savana AWD Cargo | | | | | |
| GMC | | H1500 Savana AWD Pass | | | | | |
| GMC | | H1500 Savana Conv AWD Cargo | | | | | |
| Chevrolet | | C1500 Avalanche 2wd | | | | | |
| Chevrolet | | C1500 Suburban 2wd | | | | | |
| GMC | | C1500 Yukon XL 2wd | | | | | |
| Chevrolet | | C1500 Avalanche 4wd | | | | | |
| Chevrolet | | C1500 Suburban 4wd | | | | | |
| GMC | | C1500 Yukon XL 4wd | | | | | |
| GMC | | C15 Sierra 2wd | | | | | |
| Chevrolet | | C15 Silverado 2wd | | | | | |
| GMC | | K15 Sierra 4wd | | | | | |
| Chevrolet | | K15 Silverado 4wd | | | | | |

**Exhibit A
(EO # D-488-32)**

| Year | Make | Model | Engine Size (L) | Kit Part Number | Pulley Size (in) | | |
|--------------------------|---------------------|-------------------------------------|------------------------|------------------------|-------------------------|-----------------|-----|
| 2007 - 2013 LEV2/ULEV | GMC | C1500 Yukon 2wd | 6.2 | 01-19-60-007-BL | 3.3 | | |
| | GMC | K1500 Yukon Denali AWD | | 01-19-60-007-CH | | | |
| | GMC | C15 Sierra 2wd | | 01-19-60-008-BL | 3.3 | | |
| | GMC | C15 Sierra 4wd | | 01-19-60-008-CH | | | |
| | GMC | C15 Sierra AWD | | 01-19-60-015-BL | 3.3 | | |
| | Cadillac | Escalade 2wd | | 01-19-60-015-CH | | | |
| | Cadillac | Escalade 4wd | | 01-19-60-016-BL | 3.3 | | |
| | Chevrolet | C15 Silverado 2wd | | 01-19-60-016-CH | | | |
| | Chevrolet | K15 Silverado 4wd | | 01-19-60-018-BL | 3.3 | | |
| | GMC | C1500 Yukon XL 2wd | | 01-19-60-018-CH | | | |
| | GMC | C1500 Yukon XL 4wd | | 01-19-60-019-BL | 3.3 | | |
| | Cadillac | Escalade ESV 2wd | | 01-19-60-019-CH | | | |
| | Cadillac | Escalade ESV 4wd | | | | | |
| | Cadillac | Escalade EXT AWD | | | | | |
| | Chevrolet | C1500 Avalanche 2wd | | | | | |
| | Chevrolet | C1500 Suburban 2wd | | | | | |
| | Chevrolet | C1500 Avalanche 4wd | | | | | |
| | Chevrolet | C1500 Suburban 4wd | | | | | |
| | 2007 - 2013 ULEV | Chevrolet | | CK20 Silverado 2500HD | 6.0 | 01-19-60-018-BL | 3.4 |
| | | GMC | | CK20 Sierra 2500HD | | 01-19-60-018-CH | |
| Chevrolet | | CK30 Silverado 3500HD | 01-19-60-007-BL | 3.4 | | | |
| GMC | | CK30 Sierra 3500HD | 01-19-60-007-CH | | | | |
| Chevrolet | | CK31 Silverado 3500 Cab/Chassis | 01-19-60-015-BL | 3.4 | | | |
| GMC | | CK31 Sierra 3500 Cab/Chassis | 01-19-60-015-CH | | | | |
| Chevrolet | | G30 Express Commercial Cutaway 3500 | 01-19-59-597-BL | 3.4 | | | |
| GMC | | CK31 Savana Special Cutaway 3500 | 01-19-59-597-CH | | | | |
| 2007 - 2013 ULEV | GMC | C25 Sierra 2wd | 6.0 | 01-19-60-018-BL | 3.4 | | |
| | Chevrolet | C25 Silverado 2wd | | 01-19-60-018-CH | | | |
| | GMC | K25 Sierra 4wd | | 01-19-60-007-BL | 3.4 | | |
| | Chevrolet | K25 Silverado 4wd | | 01-19-60-007-CH | | | |
| | GMC | C35 Sierra 2wd | | 01-19-60-015-BL | 3.4 | | |
| | Chevrolet | C35 Silverado 2wd | | 01-19-60-015-CH | | | |
| | GMC | K35 Sierra 4wd | | | | | |
| | Chevrolet | K35 Silverado 4wd | | | | | |
| | GMC | C35 Sierra 2wd | | | | | |
| | Chevrolet | C35 Silverado 2wd | | | | | |
| | GMC | K35 Sierra 4wd | | | | | |
| | Chevrolet | K35 Silverado 4wd | | | | | |

**Exhibit A
(EO # D-488-32)**

| Year | Make | Model | Engine Size (L) | Kit Part Number | Pulley Size (in) | | | |
|----------------------------|----------------------------|-----------------------|------------------------|------------------------|-------------------------|-----|-----------------|-----|
| 2014 / 2015 LEV2 / ULEV | Chevrolet | C15 Silverado XFE 2wd | 5.3 | 01-19-53-183-BL | 3.7 | | | |
| | Chevrolet | C15 Silverado 2wd | | 01-19-53-183-CH | | | | |
| | GMC | C15 Sierra XFE 2wd | | 01-19-53-185-BL | 3.7 | | | |
| | GMC | C15 Sierra 2wd | | 01-19-53-185-CH | | | | |
| | Chevrolet | K1500 Suburban 4wd | | 01-23-53-183-BL | 4.0 | | | |
| | Chevrolet | C1500 Tahoe 2wd | | | | | | |
| | GMC | C1500 Yukon 2wd | | | | | | |
| | Chevrolet | K1500 Tahoe 4wd | | | 01-23-53-185-BL | 4.0 | | |
| | GMC | K1500 Yukon 4wd | | | | | | |
| | Chevrolet | C1500 Silverado 2wd | | 01-23-53-185-CH | | | | |
| | GMC | K15 Sierra 4wd | | | | | | |
| | Chevrolet | K15 Silverado 4wd | | | | | | |
| | Chevrolet | K15 Silverado 4wd | | | | | | |
| | GMC | C1500 Yukon XL 2wd | | | | | | |
| | GMC | K15 Sierra 4wd | | | | | | |
| | GMC | C1500 Yukon XL 4wd | | | | | | |
| | GMC | C15 Sierra 2wd | | | | | | |
| | Chevrolet | C1500 Suburban 2wd | | | | | | |
| | 2014 / 2015 LEV2 / ULEV | Cadillac | | | Escalade 2wd | 6.2 | 01-19-62-186-BL | 3.4 |
| | | Cadillac | | | Escalade 4wd | | 01-19-62-186-CH | |
| Cadillac | | Escalade ESV 2wd | 01-19-62-188-BL | | 3.4 | | | |
| Cadillac | | Escalade ESV 4wd | 01-19-62-188-CH | | | | | |
| Chevrolet | | C15 Silverado 2wd | 01-23-62-186-BL | | 3.7 | | | |
| Chevrolet | | K15 Silverado 4wd | | | | | | |
| GMC | | C15 Sierra 2wd | | | | | | |
| GMC | | C1500 Yukon 2wd | | 01-23-62-188-BL | 3.7 | | | |
| GMC | | C1500 Yukon XL 2wd | | | | | | |
| GMC | | K15 Sierra 4wd | 01-23-62-188-CH | | | | | |
| GMC | | K1500 Yukon 4wd | | | | | | |
| GMC | | K1500 Yukon XL 4wd | | | | | | |
| 2014 / 2015 LEV2 / ULEV | | GMC | K10 Yukon XL AWD | | | | | |
| | | Cadillac | Escalade ESV AWD | | | | | |
| | Cadillac | Escalade ESV 2WD | | | | | | |
| | GMC | C10 Yukon XL 2wd | | | | | | |
| | GMC | K10 Yukon Denali AWD | | | | | | |
| | GMC | C10 Yukon 2wd | | | | | | |
| | Cadillac | Escalade AWD | | | | | | |
| | Cadillac | Escalade 2wd | | | | | | |

