

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-161-76  
Relating to Exemptions Under Section 27156  
of the Vehicle Code

Gale Banks Engineering  
PowerPack and TorqueTube Exhaust 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-02-003;

IT IS ORDERED AND RESOLVED: That the installation of the PowerPack and TorqueTube Exhaust Systems, manufactured and marketed by Gale Banks Engineering, 546 Duggan Avenue, Azusa, California 91702 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 applicable 1997 through 2005 model-year Ford trucks and engines, as listed in Exhibit A, excluding the 2004 and 2005 model E-350 van with an engine test group of either 4FMXT06.8TP5 or 5FMXT06.8RH4 and any truck equipped with a close coupled catalyst.

TorqueTube systems consist of the following components: A pair of 16 gage, stainless steel, long tube style headers with a connecting Y pipe and EGR adapter tube.

PowerPack systems consist of the following components: A pair of 16 gage, stainless steel, long tube style headers with a connecting Y pipe; EGR adapter tube; replacement air filter and housing; exhaust system downstream of the catalytic converter.

This Executive Order shall not apply to any Gale Banks Engineering's PowerPack and TorqueTube Exhaust Systems 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 PowerPack and TorqueTube Exhaust 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 PowerPack and TorqueTube Exhaust 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.

Marketing of the PowerPack and TorqueTube Exhaust Systems using any identification other than that shown in this Executive Order or marketing of the PowerPack and TorqueTube Exhaust 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. Exemption of the PowerPack and TorqueTube Exhaust Systems 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 the use of the PowerPack and TorqueTube Exhaust Systems may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on previously submitted emission test data, for Gale Banks Engineering (D-161-65), on a 1999 Ford F-150 truck equipped with a 5.4L engine and certified to the Low Emission Vehicle I Low Emission Vehicle emission standards, using PowerPack Exhaust System, part no. 48723:

|               | NMOG  | CO  | NOX | HCHO  |
|---------------|-------|-----|-----|-------|
| Standards     | 0.195 | 5.0 | 0.6 | 0.022 |
| device w/ dfs | 0.108 | 1.7 | 0.1 | 0.002 |

Test results showed that tailpipe emissions with the PowerPack System installed on the vehicle met the vehicle's applicable emission standards during a Cold Start CVS-75 Federal Test Procedure. This Executive Order is also based on an On Board Diagnostic II (OBD II) test conducted on the same test vehicle. Test data showed that the PowerPack System when installed on the vehicle did not affect the vehicle's ability to perform its OBD II monitoring.

In addition to the foregoing, 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 GALE BANKS ENGINEERING'S POWERPACK AND TORQUETUBE EXHAUST SYSTEMS.**

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 13<sup>th</sup> day of March 2007.

  
 Annette Hebert, Chief  
 Mobile Source Operations Division

## Exhibit A

|       |  |
|-------|--|
| 48723 | POWER PACK 98-02 EXT CAB/CREW CAB 5.4                  |
| 48730 | POWER PACK 97-02 EXPEDITION 5.4                        |
| 49130 | POWER PACK 99-04 SUPER DUTY EGR EARLY STYLE CAT 6.8    |
| 49131 | POWER PACK 99-04 SUPER DUTY NON EGR LATE STYLE CAT 6.8 |
| 49132 | POWER PACK 99-04 SUPER DUTY EGR LATE STYLE CAT 6.8     |
| 49133 | TORQUE TUBE SYSTEM 99-04 EGR LATE STYLE CAT 6.8        |
| 49134 | POWER PACK 99-04 EXCURSION NON EGR 6.8                 |
| 49135 | POWER PACK 99-02 EXCURSION EGR 6.8                     |
| 49136 | TORQUE TUBE SYSTEM 99-04 EGR EARLY STYLE CAT 6.8       |
| 49138 | TORQUE TUBE SYSTEM 99-04 NON EGR LATE STYLE CAT 6.8    |
| 49140 | POWER PACK 99-03 CLASS-A EGR 6.8                       |
| 49141 | POWER PACK 99-03 CLASS-A EGR 6.8                       |
| 49142 | POWER PACK 99-03 CLASS-A NON EGR 6.8                   |
| 49143 | POWER PACK 99-03 CLASS-A NON EGR 6.8                   |
| 49144 | POWER PACK 97-03 CLASS-C EGR 6.8                       |
| 49145 | POWER PACK 97-03 CLASS-C EGR 6.8                       |
| 49156 | POWER PACK 97-04 CLASS-C NON EGR 6.8                   |
| 49157 | POWER PACK 97-04 CLASS-C NON EGR 6.8                   |
| 49159 | POWER PACK 04-05 CLASS-C NON EGR 6.8                   |
| 49164 | TORQUE TUBE SYSTEM 97-99 CLASS-A EGR 6.8               |
| 49165 | TORQUE TUBE SYSTEM 00-03 CLASS-A EGR 6.8               |
| 49166 | POWER PACK 04-05 CLASS-A NON EGR 6.8                   |
| 49167 | POWER PACK 04-05 CLASS-A NON EGR 6.8                   |
| 49181 | TORQUE TUBE SYSTEM 04-05 CLASS-A EGR 6.8               |
| 49186 | TORQUE TUBE SYSTEM 97-03 CLASS-A NON EGR 6.8           |
| 49187 | TORQUE TUBE SYSTEM 97-03 CLASS-C EGR 6.8               |
| 49188 | TORQUE TUBE SYSTEM 97-05 CLASS-C NON EGR 6.8           |
| 49189 | TORQUE TUBE SYSTEM 97-05 CLASS-A NON EGR 6.8           |