

J.S.

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-161-68

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 1999 through 2003 General Motors trucks and engines and 2003 and older 4.0L Jeep vehicles as listed in Exhibit A. **Vehicles that are emissions certified to the Ultra-Low Emissions Vehicle (ULEV) emission standards or General Motors vehicles equipped with a close coupled warm up catalyst are excluded from this Executive Order.**

TorqueTube Exhaust System for Jeeps consists of a replacement 16 gage stainless steel header designed to replace the stock tubular manifold. The stock connecting pipe is retained.

TorqueTube Exhaust System for General Motors consists of a pair of 16 gage stainless steel, long tube style headers with a connecting pipe and EGR adapter tube.

PowerPack Exhaust System for General Motors consists of a pair of 16 gage stainless steel, long tube style headers with a connecting pipe, EGR adapter tube, replacement air filter cartridge and an exhaust system downstream of the catalytic converter. The 8.1L applications include an H pipe after the oxygen sensors but prior to the catalytic converters, on vehicles which do not have a secondary oxygen sensor after the catalytic converter.

This Executive Order shall not apply to any 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 the following emissions test data that was generated on a 2001 4.0L Jeep Wrangler and a 2001 5.3L Chevrolet C1500 truck. Both vehicles are certified to the Low Emission Vehicle (LEV) emission standards and were tested in the modified configuration (Torque Tube Exhaust System installed only).

	C1500				Wrangler			
	NMOG	CO	NOx	HCHO	NMOG	CO	NOx	HCHO
Standards	0.160	4.4	0.4	0.018	0.100	4.4	0.4	0.018
device w/ dfs	0.097	1.1	0.2	0.001	0.085	1.2	0.1	0.001

Test results showed that tailpipe emissions with the Torque Tube Exhaust System installed on the vehicles met the 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 vehicles. Test data showed that the Torque Tube Exhaust System when installed on the vehicles did not affect the vehicle's ability to perform its OBD II monitoring. The same effect on emissions and OBD II system monitoring is expected from use of the PowerPack Exhaust System on the vehicles listed in this Executive Order.

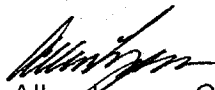
The ARB reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add-on or modified part continues to meet the standards and procedures of Title 13, California Code of Regulations, Section 2222, et seq.

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 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 27<sup>th</sup> day of March 2003.



Allen Lyons, Chief  
Mobile Source Operations Division

# Exhibit A

<u>Item No.</u>	<u>Description</u>
48232	PowerPack, 1999-2001 5.3L, w/ air injection, std cab, short bed
48234	PowerPack, 1999-2001 5.3L, w/ air injection, ext cab, short bed
48236	PowerPack, 1999-2000 5.3L, w/ air injection, Suburban, Yukon XL
48237	PowerPack, 1999-2000 5.3L, w/ air injection, Suburban, Yukon std
48238	PowerPack, 1999-2001 5.3L, w/o air injection, std cab, short bed
48240	PowerPack, 1999-2001 5.3L, w/o air injection, ext cab, short bed
48242	PowerPack, 1999-2000 5.3L, w/o air injection, Suburban, Yukon XL
48243	PowerPack, 1999-2000 5.3L, w/o air injection, Suburban, Yukon std
48244	PowerPack, 1999-2000 6.0L, w/o air injection, ext cab, short bed, 2WD
48245	PowerPack, 1999-2000 6.0L, w/o air injection, ext cab, long bed, 2WD
48248	PowerPack, 2001 5.3L, w/o air injection, Suburban, Yukon XL
48249	PowerPack, 2001 5.3L, w/ air injection, Suburban, Yukon
48293	PowerPack, 1999-2000 6.0L, w/o air injection, ext cab, short bed, 4WD
48294	PowerPack, 1999-2000 6.0L, w/o air injection, ext cab, long bed, 4WD
49502	PowerPack, 2000-2002 8.1L Class A motorhome, Workhorse W-series, left side
49503	PowerPack, 2000-2002 8.1L Class A motorhome, Workhorse W-series, right side
49504	Torque Tube, 2000-2002 8.1L Class A motorhome, Workhorse W-series
49507	PowerPack, 2000-2002 8.1L Class A motorhome, Workhorse P-series, left side
49508	PowerPack, 2000-2002 8.1L Class A motorhome, Workhorse P-series, right side
49509	Torque Tube, 2000-2002 8.1L Class A motorhome, Workhorse P-series
51305	Torque Tube, 1991-1999 4.0L Wrangler/Cherokee, 1991-1999 4.0L Comanche, 1993-1998 4.0L Grand Cherokee
51306	Torque Tube, 2000-2003 4.0L Wrangler, 2000-2001 4.0L Cherokee, 1999-2001 4.0L Grand Cherokee