

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-434
Relating to Exemptions Under Section 27156
of the Vehicle Code

OFF-ROAD AMERICA
502 CONVERSION 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 Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That the installation of the 502 CONVERSION KIT, manufactured by Off-Road America of 2345 Harper Street, Jacksonville, Florida 32204, 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 all 1992-96 Hummers originally equipped with either a 6.2/6.5 liter diesel engine or 5.7 liter gasoline engine.

The 502 Conversion is designed to replace the original AM General engine with the General Motors 8.2 liter replacement gasoline engine. On gasoline to gasoline conversions, new parts include the following: An 8.2 liter engine, cast iron exhaust manifolds, two new throttle body injectors, intake manifold, EGR valve, air pump, distributor, exhaust Y pipe, torque converter, PCV valve and new MAP, knock, and engine coolant sensors. On diesel to gasoline conversions, new parts include the above components and the following additional parts: Fuel tank, evaporative canister, engine wiring harness, two catalytic converters, and electronic control module. Exhibit A list all parts and part numbers.

This Executive Order is valid provided that installation instructions for this kit will not recommend tuning the vehicles to specifications different from those submitted by Off-Road America.

Changes made to the design or operating conditions of the devices, as exempt by the Air Resources Board, which 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 the use of the ignition modules may have on any warranty either expressed or implied by the vehicles manufacturer.

THIS EXECUTIVE ORDER DOES NOT CONSTITUTE A CERTIFICATION, ACCREDITATION, APPROVAL, OR ANY OTHER TYPE OF ENDORSEMENT BY THE AIR RESOURCES BOARD OF CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF OFF-ROAD AMERICA'S 502 CONVERSION KIT.

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 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 after hearing that grounds for revocation exist.

Executed at El Monte, California, this 22nd day of July 1997.

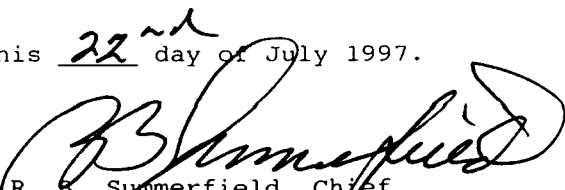

R. B. Summerfield, Chief
Mobile Source Operations Division

Exhibit A

MAJOR PARTS LIST

<u>Part No.</u>	<u>Part Description</u>	{ All parts GM except those in () }
12360893	(502) truck conversion engine	
12527759	Water pump	
12550533	Tube (dip stick)	
12557083	Indicator (dip stick)	
10106470	Oil filter adapter	
12074045	Spark plug wire	
12553149	Manifold exhaust-left	
12553146	Manifold exhaust-right	
17112948	Injector, throttle body	
300-3	Inlet manifold (Holley)	
10200089	Sensor, MAP	
10456031	Sensor, spark knock	
10137639	EGR Solenoid	
25036979	Sensor, engine coolant	
17110805	EGR valve	
24505066	Air Pump	
AP25	Spark plugs (Autolite)	
06003110	Catalytic convertors	
06003981	Sensor O2 (Hummer-AM General)	
1103925	Distributor	
D535	Coil (Delco)	
10496873	Starter Motor	
10101170	Flywheel	
12548453	Cooling Fan	
ORA	Exhaust system - Y pipe (Off-Road America)	
24204836	Torque Converter	
06487779	PCV Valve	

Diesel Parts List In addition to above gas/gas conversion

06005281	Fuel Tank (Hummer-AM General)
06002938	EVAP canister (Hummer-AM General)
06003600	Engine Wiring Harness (Hummer-AM General)
06003577	Electronic Control Module (Hummer-AM General)
06005908	Throttle Cable (Hummer-AM General)