

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-352-1  
Relating to Exemption Under Section 27156  
of the Vehicle Code

ADVANCED POWERE SYSTEMS INTERNATIONAL, INC.  
FITCH FUEL CATALYST

WHEREAS, Vehicle Code Section 27156 and Title 13 California Code of Regulations (hereafter "CCR") Section 2222(e), authorize the California Air Resources Board (ARB) and its Executive Officer to exempt add-on and modified parts from the prohibitions of Vehicle Code Section 27156.

WHEREAS, Advanced Power Systems International, Inc. of 558 Lime Rock Road, Lakeville, Connecticut 06039 has applied to the ARB for exemption from the prohibitions of Vehicle Code Section 27156 for the Fitch Fuel Catalyst.

WHEREAS, pursuant to the authority vested in the Executive Officer by Health and Safety Code Section 39515 and in the Chief, Mobile Source Operations Division by Health and Safety Code Section 39516 and Executive Order G-45-9, the ARB finds:

1. The Fitch Fuel Catalyst is an add-on device that is attached to the fuel line in a motor vehicle.
2. The fuel line is part of the required motor vehicle pollution control system.
3. The Fitch Fuel Catalyst is intended for use with a required pollution control system.
4. The Fitch Fuel Catalyst by being installed on the fuel line alters the original design of a motor vehicle pollution control system.
5. The Fitch Fuel Catalyst is a device subject to the prohibitions of Vehicle Code Section 27156, and is an add-on part as defined by Title 13, CCR Section 1900(b)(1).
6. The Fitch Fuel Catalyst does not reduce the effectiveness of any required motor vehicle pollution control device.

7. The Fitch Fuel catalyst will not have an adverse affect on emissions based on hot soak and 2-day diurnal evaporative emission and on-board diagnostic system testing conducted by Automotive Testing and Development Services, Inc. on a 1999 model-year 4.3L Chevrolet S10 ZR2 pick-up truck. The evaporative emission test results are shown below:

Evaporative Emission Test (grams/test)	
Hot Soak+2-Day Diurnal	
With Device	0.392
<b>With DF</b>	<b>0.612</b>
100K DF	0.22
<b>Emission Standard</b>	<b>2.5</b>

8. It has not been determined what effect the use of the Fitch Fuel Catalyst may have on any warranty, either expressed or implied, by the manufacturer of a motor vehicle on which the device is installed.
9. The Fitch Fuel Catalyst is not a certified motor vehicle pollution control device pursuant to Health and Safety Code Section 43644.
10. The ARB by granting an exemption to Advanced Power Systems International, Inc. for the Fitch Fuel Catalyst does not recommend or endorse in any way the Fitch Fuel Catalyst for emissions reduction, fuel economy, or any other purpose.

IT IS HEREBY RESOLVED that the Fitch Fuel Catalyst is exempt from the prohibitions of Vehicle Code Section 27156 for installation on 2000 and older model-year gasoline and diesel powered vehicles. This exemption is subject to the following conditions:

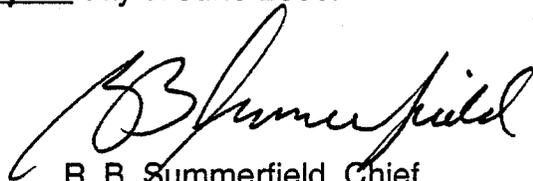
1. No changes are permitted to the device as described in the application for exemption. Any changes to the device, applicable model year, or other factors addressed in this order must be evaluated and approved by the ARB prior to marketing in California.
2. Marketing of this device using an identification 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 ARB. Exemption of this product shall not be construed as an exemption to sell, offer for sale, or advertise any component of the product as an individual device.

3. Any oral or written references to this Executive Order or its content by Advanced Power Systems International, Inc., its principals, agents, employees, distributors, dealers, or other representatives must include the disclaimer that the Executive Order or the exemption it provides is not an endorsement or approval of any fuel economy or emissions reduction claims for the Fitch Fuel Catalyst and is only a finding that the device is exempt from the prohibitions of Vehicle Code Section 27156.
4. No claim of any kind, such as "Approved by the Air Resources Board" may be made with respect to the action taken 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 after hearing that grounds for revocation exist.

The Bureau of Automotive Repair will be notified by copy of this order.

Executed at El Monte, California, this 29<sup>th</sup> day of June 2000.



R. B. Summerfield, Chief  
Mobile Source Operations Division