

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-641

Relating to Exemptions Under Section 27156  
of the California Vehicle Code

Daytona Twin Tec LLC  
Twin Tuner EX

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 Twin Tuner EX, produced and marketed by Daytona Twin Tec LLC of 933 Beville Road, Suite 101H South Daytona, Florida 32119, has been found not to reduce the effectiveness of the applicable vehicle pollution control systems and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for 2001 to 2008 model year Harley Davidson motorcycle applications originally equipped with a fuel injected engine and a 36 pin connector used on the stock Delphi electronic control module.

The Twin Tuner EX is an electronic control module (ECM) that works with the stock motorcycle's ECM and is designed to increase fuel into the combustion chamber during high load conditions.

This Executive Order is valid provided the installation instructions for the Twin Tuner EX will not recommend tuning the motorcycle to specifications different from those of the Daytona Twin Tec LLC.

Changes made to the design or operating conditions of the Twin Tuner EX, 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 Twin Tuner EX using any identification other than that shown in this Executive Order or marketing of the Twin Tuner EX 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 Twin Tuner EX may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on submitted emission test data generated on 2008 model year Harley Davidson Softail equipped with a 1.5 liter engine. Test results showed that emission levels, with the Twin Tuner EX installed and programmed to a maximum rich setting, met the applicable emission standards when tested using the

Cold-Start CVS-75 Federal Test Procedure (FTP). Results from emissions testing conducted at Northern California Diagnostic Laboratories, Inc., located in Napa, California, are shown below in grams per kilometer with deterioration factors applied.

2008 Harley Davidson 1.5L Softail		
	HC+NOx	CO
Stds.	0.6	12
Device w/ dfs	0.5	3

Similar effect on motorcycle emissions is expected with the installation of the Twin Tuner EX on motorcycles listed in this Executive Order.


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 DAYTONA TWIN TEC LLC 'S TWIN TUNER EX.

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 6<sup>th</sup> day of August 2008.

  
Annette Hebert, Chief  
Mobile Source Operations Division