State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-617-2

Relating to Exemptions Under Section 27156
of the Vehicle Code

KnackToys, LLC
Fast Forward Supercharger 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 Section 39515 and Section 39516 of the Health and Safety Code and Executive Order G-14-012;

IT IS ORDERED AND RESOLVED: That the installation of the Fast Forward Supercharger Kit manufactured and marketed by KnackToys, LLC of 1217 W. Central Avenue, Coolidge, AZ 85128 has been found not to reduce the effectiveness of required motor vehicle pollution control devices and, therefore, is exempt from the prohibitions of Section 27156 of the California Vehicle Code for the Mazda vehicle models listed below:

Kit Number	Model Year	Vehicle Model	Engine Size
FFS-9093-TVS-CA	1990-1993	MX-5 Miata	1.6L
FFS-9497-TVS-CA	1994-1997	MX-5 Miata	1.8L
FFS-9900-TVS-CA	1999-2000	MX-5 Miata	1.8L
FFS-0103-TVS-CA	2001-2003	MX-5 Miata	1.8L

The Fast Forward Supercharger Kit includes the following main components: Magnuson TVS900 supercharger with a 65 mm diameter pulley, 115 mm diameter crankshaft pulley, intake manifold with an additional fuel injector, Power Products throttle body, open element style air filter, and Jackson Racing Power Card Pro (no user adjustments). Supplied fuel hose is manufactured and labeled to SAE J30R9 standards. All other emission-related components are in the stock location relative to the throttle body. Maximum boost is limited to 10 psi.

This Executive Order shall not apply to any Fast Forward Supercharger Kit 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 Fast Forward Supercharger Kit 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 device, as exempted by the Air Resources Board, that 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 that the use of this device may have on any warranty either expressed or implied by the vehicle manufacturer.

This exemption is issued based on previously submitted emissions test data from an independent laboratory on a 2005 model year Mazda MX-5 Miata vehicle (Test Group 5TKXV01.8NA1) certified to the Low Emission Vehicle (LEV) emission standards, and equipped with the Fast Forward Supercharger Kit (part number FFS01-05-CS) installed. The exhaust emission measurements from the test vehicle are as follows:

Federal Test Procedure:

	NMOG	CO	NOX	HCHO
Standards (g/mi)	0.075	3.4	0.2	0.015
Device (g/mi) with df's applied	0.063	1.3	0.1	0.0005

The test results show that the Fast Forward Supercharger Kit when installed on a representative vehicle will not likely cause exhaust emissions to exceed the applicable emission standards during the Cold-Start Federal Test Procedure. This Executive Order is also based on specific On-Board Diagnostic II (OBD II) testing conducted on the modified test vehicle. The Fast Forward Supercharger Kit when installed on the test vehicle did not affect the vehicle's ability to perform its OBD II monitoring.

In addition, 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 THE FAST FORWARD SUPERCHARGER KIT.

No claims 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 20TH day of May 2015.

M. Tuacks

FOR Annette Hebert, Chief
Emissions Compliance, Automotive Regulations and Science Division