

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-349
Relating to Exemptions Under Section 27156
of the Vehicle Code

BELL ENGINEERING GROUP, INC.
IHI & AERODYNE TURBOCHARGER KITS

Pursuant to the authority vested in the Air Resources Board (ARB) 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-45-5;

IT IS ORDERED AND RESOLVED: That the installation of the add-on IHI & Aerodyne Turbocharger Kits manufactured by Bell Engineering Group, Inc. of 11723 Warfield, San Antonio, Texas 78216, has been found not to reduce the effectiveness of the required motor vehicle pollution control system and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for installation on 1990 to 1993 model-year Mazda Miatas with a 1.6L gasoline engine.

Modifications of the emissions control components include the following: A supplemental fuel pump and pressure regulator, the stock air cleaner is replaced with an aftermarket open element air cleaner on the IHI model and a closed element air cleaner on the Aerodyne model, a 4 degree retard in ignition timing if optional knock sensor is not installed, the replacement of the stock exhaust manifold with a cast iron exhaust manifold, an add-on intercooler, the relocation of a secondary crankcase breather line, and a check valve is located in the purge line between the purge control solenoid and the inlet manifold.

This Executive Order is valid provided that the installation instructions for the turbocharger kit will not recommend tuning the vehicle to specifications different from those submitted by Bell Engineering Group, Inc.

Changes made to the design or operating conditions of the turbocharger kit, as exempt by the ARB, which adversely affect the performance of a vehicle's pollution control system shall invalidate this Executive Order.

Marketing of the turbocharger kit using any identification other than that shown in this Executive Order or marketing of the turbocharger kit for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the ARB. Exemption of the turbocharger kit 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 that the use of the turbocharger kit may have on any warranty either expressed or implied by the vehicle manufacturer.

THIS EXECUTIVE ORDER DOES NOT CONSTITUTE A CERTIFICATION, ACCREDITATION, APPROVAL, OR ANY OTHER TYPE OF ENDORSEMENT BY THE ARB OF CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF BELL ENGINEERING GROUP, INC.'S TURBOCHARGER KITS.

No claim of any kind, such as "Approved by the ARB" 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 04th day of January, 1994.



R. B. Summerfield
Assistant Division Chief
Mobile Source Division