

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-455-1  
Relating to Exemptions Under Section 27156  
of the Vehicle Code

COMPTECH MACHINE  
NSX SUPERCHARGER PACKAGE

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-45-9;

IT IS ORDERED AND RESOLVED: That the installation of the NSX Supercharger Package, manufactured and marketed by Comptech Machine, 4717 Golden Foothill Parkway, EL Dorado Hills, California 95762 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 1991-98 Acura NSX equipped with either the 3.0 or 3.2 liter engine.

The NSX Supercharger Package includes the following major parts: Whipple 6 psi. supercharger with an intake assembly, 3.8" diameter supercharger pulley (applicable to the 3.2 liter engine), 4.2" diameter supercharger pulley (applicable to the 3.0 liter engine), crankshaft pulley (same diameter as stock), in line fuel pump, PROM chip for 1991-1994 models only, and all necessary installation hardware.

The installation of the kit requires the following modifications to the stock vehicle: The stock crankshaft pulley is removed and replaced by a equal diameter pulley which is modified to accommodate the supercharger drive belt, the MAP sensor wire is modified with an in-line resistor for 1991-1994 models only, an in-line fuel pump is installed next to the fuel filter, the stock 15 amp fuel pump fuse is replaced with a 20 amp fuse, a resistor located on stock fuel pump is removed, and the stock intake manifold is removed and replaced with the combination supercharger and intake manifold configuration.

This Executive Order is valid provided that the installation instructions for the NSX Supercharger Package will not recommend tuning the vehicle to specifications different from those of the Honda Motor Company.

Changes made to the design or operating conditions of the NSX Supercharger Package, 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 NSX Supercharger Package using any identification other than that shown in this Executive Order or marketing of the NSX Supercharger Package for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board. Exemption of the NSX Supercharger Package 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 the use of the NSX Supercharger Package may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on the following submitted emissions test data on a 1997 Acura NSX equipped with the 3.2 liter engine and certified to a tier 1 emission standard:

	NMHC	CO	NOX
Standards	0.25	3.4	0.4
device w/ dfs	0.16	1.1	0.3

Test results showed that the supercharger when installed on the vehicle did not cause tailpipe emissions to exceed the vehicle's applicable emission standard during a Cold Start CVS-75 Federal Test Procedure. This Executive Order is also based on On Board Diagnostic II (OBD II) testing conducted on the same vehicle. Test data showed that the NSX Supercharger Kit when installed on the vehicle did not affect the vehicle's ability to perform its OBD II monitoring.

However, the ARB finds that reasonable grounds exist to believe that use of the NSX Supercharger Kit may adversely affect emissions of motor vehicles when operating under conditions outside the parameters of the previously prescribed test procedures. Accordingly, the ARB reserves the right to conduct additional emission tests, in the future, as such tests are developed, that will more adequately measure emissions from all cycle phases. If such test results demonstrate that the NSX Supercharger Kit adversely affect emissions during off-cycle conditions (defined as those conditions which are beyond the parameters of the Cold-Start CVS-75 Federal Test Procedure), this Executive Order shall be effectively rescinded as of the date the test results are validated. Further, if such test results or other evidence provides the ARB with reason to suspect that the NSX Supercharger Kit will affect the durability of the emission control system, CompTech Machine shall be required to submit durability data to show that the durability of the vehicle emission control system is not, in fact, affected and/or that the add-on or modified part demonstrates adequate durability.

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 COMPTech MACHINE'S NSX SUPERCHARGER PACKAGE .

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 after hearing that grounds for revocation exist.

Executed at El Monte, California, this 8<sup>th</sup> day of July 1998.



R. B. Summerfield, Chief  
Mobile Source Operations Division