

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-107-1
Relating to Exemptions under Section 27156
of the Vehicle Code

EDELBROCK CORPORATION
MICRO-PLUS IGNITION ELECTRONICS

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 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 Micro-Plus Ignition electronics P/N 6500 manufactured by Edelbrock Corporation 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 Vehicle Code for 1982 through 1986 model-year General Motors passenger cars equipped with 5.0L V8 4-barrel carbureted engines with engine code LG4 and VIN code H.

This exemption shall not apply to any device, apparatus, or mechanism advertised, offered for sale or sold with, or installed on, a motor vehicle prior to or concurrent with transfer to an ultimate purchaser.

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This Executive Order is valid provided that installation instructions for this device will not recommend tuning the vehicle to specifications different from those listed by 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 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 Air Resources Board. Exemption of a kit shall not be construed as an exemption to sell, offer for sale, or advertise any component of a kit as an individual device.

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 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 EDELBROCK MICRO-PLUS IGNITION ELECTRONICS.

No claim of any kind, such as "Approved by Air Resources Board" may be made with respect to the action taken herein in any advertising or other oral or written communication.

Section 17500 of the Business and Professions Code makes untrue or misleading advertising unlawful, and Section 17534 makes violation punishable as a misdemeanor.

Section 43644 of the Health and Safety Code provides as follows:

"43644. (a) No person shall install, sell, offer for sale, or advertise, or, except in an application to the state board for certification of a device, represent, any device as a motor vehicle pollution control device for use on any used motor vehicle unless that device has been certified by the state board. No person shall sell, offer for sale, advertise, or represent any motor vehicle pollution control device as a certified device which, in fact, is not a certified device. Any violation of this subdivision is a misdemeanor."

Any apparent violation of the conditions of this Executive Order will be submitted to the Attorney General of California for such action as he deems advisable.

Executed at El Monte, California, this 21st day of June, 1988.


K. D. Drachand, Chief
Mobile Source Division



INSTRUCTION SHEETS

PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY AND THOROUGHLY BEFORE INSTALLING YOUR MICRO-PLUS

Catalog Number: 6500

Model: 1982-'86 G.M. 305 c.i.d. V8, LG-4 (Low output 4v)

Special Features: The Micro-Plus provides four ignition timing settings, based upon fuel quality and gross vehicle weight. One retains the stock curve. The low setting is for regular fuel, the medium setting for premium, and the high setting for vehicle operation at altitude. Some experimentation may be required to find the best setting to optimize vehicle driveability, keeping in mind that the *Micro-Plus* is operational only at or near wide-open throttle.

Vehicle Identification: All vehicles must have the letter (H) as the 8th digit in the VIN (Vehicle Identification Number) code to work properly with Micro-Plus. Vehicle Identification is on lower edge of windshield on driver's side. VIN code also appears on vehicle registration papers.

Note: Prior to installation, we recommend the following. *Vehicle must be in OEM factory state of tune. It is important to use factory recommended settings for your particular vehicle for maximum results with Micro-Plus.*

Installation:

1. Disconnect negative battery cable from battery.
2. Remove passenger side under dash access panel. Locate and remove ECM (Electronic Control Module). On Firebird and Camaro models, ECM location is under dash on passenger side. On all other models, ECM location is behind passenger side kick panel.
3. Disconnect both wire loom connectors from ECM.
4. On the factory (18-pin lettered connector) *loom*, select the 12-volt power wire (pink with black stripe "C" terminal wire). With wire splice connector supplied in kit, connect Micro-Plus red power lead wire to pink-with-black-stripe wire. Make sure connection is complete.
5. On the same (18-pin) *loom*, select grounding wire (black "A" terminal wire). With wire splice connector supplied in kit, connect Micro-Plus black grounding wire to loom black wire. Make sure connection is complete.
6. Connect Micro-Plus 22-pin (numbered) male connector to factory harness 22-pin (numbered) female connector. Check connector keyways for proper alignment and make sure connection is complete.
7. Connect factory harness 18-pin (lettered) connector to ECM.
8. Connect Micro-Plus 22-pin (numbered) female connector to ECM.
9. At this point, check all connections for proper installation.
10. Refer to Special Features section for initial setting and subsequent optimization of spark timing. Low position is for regular grade gasoline, medium setting for premium fuel, and high for vehicle operation at altitude. Stock spark timing provisions are made should the engine require this condition of operation. This is position "O" for 1982-'84 vehicles, and "4" for model years 1985-'86.

Use caution to avoid audible pinging or knock. Severe engine damage can result from excessive spark timing. Adjustment is made by rotation of the selector knob until desired amount of timing is achieved.

1982/'84 Vehicles

- 0 = Stock
- 1 = Low (regular fuel)
- 2 = Medium (premium fuel)
- 3 = High (altitude)

1985/'86 Vehicles

- 4 = Stock
- 5 = Low (regular fuel)
- 6 = Medium (premium fuel)
- 7 = High (altitude)

11. After selection has been made, replace ECM to original location. Place Micro-Plus on top of underdash access panel and replace panel.
12. Reconnect negative battery cable and start vehicle. Make sure "Check Engine Light" goes off. Drive vehicle and check for maximum power. **Caution:** Make sure vehicle does not have audible ping or detonation.

Trouble Shooting: If "Check Engine Light" stays on after start-up, recheck all connections in installation section. If problem still exists, remove Micro-Plus from system and check once again and correct problem.

IF YOU HAVE ANY QUESTIONS ABOUT THIS APPLICATION, PLEASE CONTACT OUR TECHNICAL DEPARTMENT IMMEDIATELY.

Between the hours of 8:00am-12:30pm; 1:30-4:45pm Pacific Time, Monday through Friday at:

Edelbrock Corp., 2700 California St., Torrance CA 90503

TECH-LINE number: (213) 781-9318

Edelbrock MICRO-PLUS

Part # 6500 C.A.R.B. E.O. #

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Serial # _____