

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER P-6-12  
Relating to Certification of New Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1986 model-year General Motors Corporation federally-certified emission control systems are certified for sale in California as described below for gasoline-powered passenger cars:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
G1G2.8V2NNA1	173 (2.8)	Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per mile</u>
0.41	3.4	1.0

The following are the certification emission values for this engine family:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.33	2.2	0.7

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the Executive Officer has been provided evidence of federal certification of vehicle models listed in the attachments which are not available as California-certified models.

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate that the vehicle manufacturer has sufficient emissions credits for its estimated California sales of federally-certified 1986 model-year vehicles using in the interim the "Guidelines for Certification of 1983 Through 1987 Model-Year Federally Certified Light-Duty Motor Vehicles For Sale in California" (Title 13, California Administrative Code, Section 1960.5).

BE IT FURTHER RESOLVED: That vehicles have met the conditions of Section 43102 of the Health and Safety Code by using the "Guidelines for...1983 Through 1987 Model Year...Vehicles...."

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2035 et seq.).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 20th day of September, 1985.

*Bob Cross for*

K. D. Drachand, Chief  
Mobile Source Division

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer General Motors Corporation Executive Order No. P-6-12 Page 1  
 Engine Family G1G2.8V2NNA1 Evaporative Family 6B6-1  
 Engine CID (Liters) - Type 173 (2.8) - V6

ABBREVIATIONS

- |   |                                  |                                 |
|---|----------------------------------|---------------------------------|
| <u>Ignition System</u>                  | <u>Headings</u>                  | <u>Special Features</u>         |
| CA-Centrifugal Advance                  | AIR COND-Air Conditioning        | CCV-Combustion Chamber Valve    |
| EEC-Electronic Engine Control           | BB-Basic Body                    | CFI-Central Fuel Injection      |
| EI-Electronic Ignition                  | BT-Body Type                     | DID-Diesel Injection-Direct     |
| ESAC-Electronic Spark Advance Control   | DI-Diesel Injection              | DIP-Diesel Injection-Prechamber |
| VA-Vacuum Advance                       | DIN-Diesel Injector Nozzles      | MFI-Mechanical Fuel Injection   |
| VR-Vacuum Retard                        | DIV-Division                     | TC-Turbocharged                 |
|   | ECM-Electronic Control Module    | TBI-Throttle Body Injection     |
|   | ETW-Equivalent Test Weight       | EFI-Electronic Fuel Injection   |
| <u>Exhaust Emissions Control System</u> | TLC-Tune-Up Label Code           |                                 |
| AIP-Air Injection-Pump                  | TNS-Transmission                 |                                 |
| AIV-Air Injection-Valve                 | TM-Trim                          |                                 |
| CL-Closed Loop                          |                                  |                                 |
| EGR-Exhaust Gas Recirculation           | <u>Fuel System</u>               |                                 |
| EM-Engine Modification                  | CFI, CL, DID, DIP, EFI, MFI, TBI |                                 |
| OC-Oxidation Catalyst System            | nV-nVenturi Carburetor           |                                 |
| TR-Thermal Reactor                      | VV-Variable Venturi              |                                 |
| TWC-Three Way Catalyst System           |                                  |                                 |

<u>DIV</u>	<u>BB</u>	<u>TM</u>	<u>BT</u>	<u>MODEL NAME</u>	<u>DIV</u>	<u>BB</u>	<u>TM</u>	<u>BT</u>	<u>MODEL NAME</u>
1				CHEVROLET					
	A	W	19	Celebrity Sedan					

DRIVE AXLE: Front Wheel Drive

ISSUED:  
0177N

REVISIONS:

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
GASOLINE-FUELED PASSENGER CARS

Manufacturer General Motors Corporation Executive Order No. P-6-12 Page 2

Engine Family 61G2.8V2MNA1 Exhaust Emission Control System AIP-EGR-TWC-CL

ENG. CID	ENG. CODE	AIR COND	ECM PART NO.	2V CARB. PART NO.	EGR VALVE PART NO.	ETW	DIV	B B	T M	BT	TNS	TLC	REV. NOTES
173	1	W & WO	16036361	17084534	17084731	3250	1	A		19	A-3	YBJ	

Comments: See page one for abbreviations and evaporative emission family identification  
Please refer to manufacturer's HP lists for correct dyno test HP settings  
based on model and equipment.

ISSUED:

REVISIONS:

0177N