State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-252
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 Order G-45-3, and G-45-4;

IT IS ORDERED AND RESOLVED: That 1983 model-year General Motors Corporation exhaust emission control systems are certified as described below for diesel-powered passenger cars.

| Engine Family | Displacement Cubic Inches (Liters) | Exhaust Emission Control Systems (Special Features) |
|---|---|---|
| D1G1.8D7ZZ90 | 111 (1.8) | Engine Modification (Diesel Injection-Prechamber) |

Vehicle Models, Transmissions, Engine Codes as listed on attachments.

The following are the emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1983 model-year vehicles:

| Hydrocarbons Grams per Mile | Carbon Monoxide Grams per Mile | Nitrogen Oxides Grams per Mile |
|---|---|---|
| 0.41 | 7.0 | 1.5 |

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

| Hydrocarbons Grams per Mile | Carbon Monoxide Grams per Mile | Nitrogen Oxides Grams per Mile |
|---|---|---|
| 0.17 | 0.6 | 1.3 |

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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 7th day of June, 1982.

K. D. Drachand, Chief
Mobile Source Control Division

# 1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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Engine Family D1G1.8D7ZZ90  Evaporative Family (None)

Engine CID (Liters) 111 (1.8)

ABBREVIATIONS

**Ignition System**
CA-Centrifugal Advance
EEC-Electronic Engine Control
EI-Electronic Ignition
ESAC-Electronic Spark Advance Control
VA-Vacuum Advance
VR-Vacuum Retard

**Exhaust Emissions Control System**
AIP-Air Injection-Pump
AIV-Air Injection-Valve
CL-Closed Loop
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst System
TR-Thermal Reactor
TWC-Three Way Catalyst System

**Headings**
AIR COND-Air Conditioning
BB-Basic Body
BT-Body Type
DI-Diesel Injection
DIN-Diesel Injector Nozzles
DIV-Division
ECM-Electronic Control Module
ETW-Equivalent Test Weight
TLC-Tune-Up Label Code
TNS-Transmission
TM-Trim

**Fuel System**
CFI, CL, DID, MFI, TBI
nV-nVenturi Carburetor
VV-Variable Venturi

**Special Features**
CCV-Combustion Chamber Valve
CFI-Central Fuel Injection
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber
MFI-Mechanical Fuel Injection
TC-Turbocharged
TBI-Throttle Body Injection

| DIV | BB | TM | BT | MODEL NAME | DIV | BB | TM | BT | MODEL NAME |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | CHEVROLET | | | | | |
| | T | B | 08 | Chevette Hatchback Coupe | | | | | |
| | | | 68 | Chevette Hatchback Sedan | | | | | |
| 2 | | | | PONTIAC | | | | | |
| | T | L | 08 | 1000 Hatchback Coupe | | | | | |
| | | | 68 | 1000 Hatchback Sedan | | | | | |

DRIVE AXLE: Rear

ISSUED: 060782  REVISIONS: A; Pontiac 1000 models added by RC 31-009 on 070682.

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# 1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
## DIESEL-FUELED PASSENGER CARS

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Engine Family D1G1.8D7ZZ90 Exhaust Emission Control System Engine Modification

| ENG. CID | ENG. CODE | AIR COND | DI PUMP PART NO. | DIN PART NO. | EGR VALVE PART NO. | ETW | DIV | B B | T M | BT | TNS | TLC | REV. NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 111 | 2 | W/O | 8942434420 | 8942200842 | | 2625 | 12 | T | | 08 | A-3 | DCH | A |
| | | | | | | | 12 | T | | 68 | | | A |
| | 4 | | 8942434410 | | | 2625 | 12 | T | | 08 | M-5 | | A |
| | | | | | | | 12 | T | | 68 | | | A |

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, equipment and frontal area.

ISSUED: 060782 REVISIONS: A; Pontiac 1000 models added by RC 31-009 on 070682.