State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-4
Relating to Approval of New Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 of the Health and Safety Code;

IT IS ORDERED AND RESOLVED: That General Motors Corporation exhaust emission control systems for gasoline engines for 1973-model year heavy-duty motor vehicles are approved for the families described below:

Engine Family	Engine Size (cubic inches)	Exhaust Emission Control System	Engine Models
GM312	455	Engine Modification	Oldsmobile 455
GM501	472	Air Injection and Exhaust Gas Recirculation	Cadillac 472

Section 39152, Part I, Division 26 of the California Health and Safety Code requires that the manufacturer affix a decal to the side window to the rear of the driver or, if there is no such window on the driver's side, to the windshield of the motor vehicle.

The following are recommended values to be listed on the decal:

Engine Family	Hydrocarbons plus Nitrogen Dioxide Grams/Brake Horsepower-Hour	Carbon Monoxide Grams/Brake Horsepower-Hour
GM312	11.5	14.2
GM501	12.6	26.7

Supplemental information sheets are attached to this order which includes tune-up specifications and emission control system data.

It is requested that General Motors Corporation inform the Air Resources Board of any production changes which will affect emissions.

EXECUTIVE ORDER A-6-4 GENERAL MOTORS CORPORATION

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair of the Department of Consumer Affairs will be notified of this approval by copy of this order and attachment.

Executed at Sacramento, California, this 4th day of October, 1972.

JOHN A. MAGA
Executive Officer

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SUPPLEMENTAL INFORMATION
1973-Model Year

Engines for Heavy-Duty Vehicles

Manufacturer: GENERAL MOTORS CORPORATION

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Engine Model	Engine C.I.D.	Carburetor No. of Venturi	Distributor Make & No.	Type Adv.*	Carburetor Make No.	Emission Control System			
						Exhaust	NOx	Evap.	Other
Oldsmobile 455	455	1-4V	Delco Remy 1112082	C-V	Rochester 7043254	EM		None	HCA* PLC*
Cadillac 472	472	1-4V	Delco Remy 1112229	C-V	Rochester 7043233	AIR	EGR	Canister	PLC*

* C-Centrifugal
V-Vacuum
VR-Vacuum Retard

HCA = Heated Carburetor Air, regulated by a temperature sensor
PLC = Plastic Limiter Caps on Idle Mixture Screws

NOTE: Absence of PLC may be a violation of Vehicle Code Section 27156

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SUPPLEMENTAL INFORMATION
1973-Model Year
Engines for Heavy-Duty Vehicles

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Engine Model	Engine C.I.D..	Carburetor No. of Venturi	Engine Family	Tune-Up Specifications		
				Idle RPM	Basic Timing	Idle CO or AFR
Oldsmobile	455	1-4V	GM312	600 in Drive	8° BTDC @ 1100 RPM in Neutral	Preset at Factory
Cadillac	472	1-4V	GM501	600 in Drive	8° BTDC @ 600 RPM in Drive	Preset at Factory