State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-9
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 gasoline powered engines in its 1974-model heavy-duty motor vehicles are approved for the engine families described below:

Family	Engine Size - CID	Engine Model	Exhaust Emission Control System
GM111	250	LD 4	Engine Modification
GM112	292	L 25	Engine Modification
GM113	350	LS 9	Engine Modification
GM113	350	LF 9	Engine Modification
GM114	366	L86	Engine Modification
GM114	427	L 43	Engine Modification
GM115	454	LF 8	Engine Modification
GM312	455	455	Engine Modification

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 the recommended values to be listed on the decal:

Engine Family	Hydrocarbons plus Nitrogen Dioxide grams/BHP-hr.	Carbon Monoxide grams/BHP-hr.
GM111	13	27
GM112	12	26
GM113	15	27
GM114	14	35
GM115	14	24
GM312	12	14

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

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 _____ day of August, 1973.

JOHN A. MAGA
Executive Officer

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1974-Model Year

Engines for Heavy-Duty Vehicles

Manufacturer: GENERAL MOTORS CORPORATION

EXECUTIVE ORDER A-6-9

Engine Model	Engine C.I.D.	Carburetor No. of Venturi	Distributor Make	Distributor & No.	Type Adv.*	Carburetor Make No.	Emission Control System **			
								NOx	Evap.	Other
LD 4	250	1	Delco-Remy	1110520	C-V	Rochester 7044025 (Automatic choke)	EM(CCS)		CAN.	
						Rochester 7044011(Manual Choke)				
L25	292	1		1110518		Rochester 7044026 (Automatic Choke)				
						Rochester 7044012(Manual Choke)				
LS 9	350	4		1112097		Rochester 7044513,7044516 7044514,7044515				
LF 9	350	2		1111364	C	Rochester 7044434				Heated Air
				1112149		Rochester 7044133				
LF 8	454	4		1112105	C-V	Rochester 7044512,7044517				
L 86	366	4		1111365	C	Holley 705746				
L43	427	4				Holley 705747				
455	455	4		1112082	C-V	Holley 7043259				Heated Air

* C-Centrifugal
V-Vacuum
VR-Vacuum Retard

** EM - Engine Modification (CCS)
CAN - GM Evap. Emission Control System with Canister.

REVISED 10-31-73

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1974-Model Year
Engines for Heavy-Duty Vehicles

Manufacturer: GENERAL MOTORS CORPORATION

EXECUTIVE ORDER A-6-9

Engine Model	Engine C.I.D..	Carburetor No. of Venturi	Engine Family	Tune-Up Specifications		
				Idle RPM	Basic Timing	Idle CO or AFR
LD 4	250	1	GM 111	600 neutral	6° BTDC @ 600	Set by lean drop Method Max. CO-2%
L 25	292	1	GM 112	600 Neutral	8°BTDC @ 600	Set by lean drop Method Max. CO-0.3%
LS 9	350	4	GM 113	600 Neutral	4°BTDC @ 600	Set by lean drop Method Max. CO - 0.5%
LF 9	350	2	GM 113	600 Neutral	4° BTDC @ 600	
LF 8	454	4	GM 115	700 Neutral	8° BTDC @ 700	
L 66	366	4	GM 114	700 Neutral	8° BTDC @ 700	
L 43	427	4	GM 114	700 Neutral	8° BTDC @ 700	
455	455	4	GM 312	600 (Drive)	8° BTDC @ 1100 in neutral	If over 0.5% reset to 0.2%

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AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION

1974-Model Year

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L 25	292	1	GM 112	600 Neutral	8°BTDC @ 600	Set by lean drop Method Max. CO-0.3%
LS 9	350	4	GM 113	600	4°BTDC @ 600	Set by lean drop Method Max. CO - 0.5%
LF 9	350	2	GM 113	600	4° BTDC @ 600	
LF 8	454	4	GM 115	700 Neutral	8° BTDC @ 700	
L 86	366	4	GM 114	700 Neutral	8° BTDC @ 700	
L 43	427	4	GM 114	700 Neutral	8° BTDC @ 700	
455	455	4	GM 312	600 (Drive)	8° BTDC @ 1100 in neutral	If over 0.5% reset to 0.2%

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						Rochester 7044012(Manual Choke)				
LS 9	350	4		1112097		Rochester 7044513,7044516 7044514,7044515				
LF 9	350	2		11113647	C	Rochester 7044434				Heated Air
				1112149		Rochester 7044133				
LF 8	454	4		1112105	C-V	Rochester 7044512,7044517				
L 86	366	4		1111365	C	Holley 705746				
L43	427	4				Holley 705747				
455	455	4		1112082	C-V	Holley 7043259				Heated Air

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