E.O.

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-13
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 1974 model year light-duty motor vehicles are approved for the engine families described below:

Engine Family: GM-102

Emission Control System: Air Injection Reaction and Exhaust Gas Recirculation.

Engine Size: 250 CID

Vehicle Models:

Chevrolet Models	Model Number
Nova Hatchback Coupe	1XX17
Nova Coupe	1XX27
Nova Sedan	1XX69
Nova Custom Hatchback Coupe	1XY17
Nova Custom Coupe	1XY27
Nova Custom Sedan	1XY69
Camaro Sport Coupe	1FQ87
Chevelle Malibu Sport Coupe	1AC37
Chevelle Malibu Sedan	1AC29
Chevelle Malibu Classic Sport Coupe	1AD37
Chevelle Malibu Classic Sedan	1AD29
P-10 Stepvan	CP10542 + E33
G-10 Chevy Van (110 WB)	CG11005
G-10 Sportvan (110 WB)	CG11006
G-10 Chevy Van (125 WB)	CG11305
C-10 Blazer	CC10514
C-10 Stepside P.U.(117 WB)	CC10703 + E62
C-10 Fleetside P.U. (117 WB)	CC10703 + E63
C-10 Fleetside P.U. (131 WB)	CC10903 + E63
C-10 Stepside P.U. (131 WB)	CC10903 + E62

Vehicle Models: (Cont.)	GMC Truck & Coach Models	Model Number
	G-25 Van Dura (110 WB)	TG21005
	G-25 Van Dura (125 WB)	TG21305
	C-15 Jimmy	TC10514
	C-15 Fenderside P.U. (117 WB)	TC10703 + E62
	C-15 Wideside P.U. (117 WB)	TC10703 + E63
	C-15 Wideside P.U. (131 WB)	TC10903 + E63
	C-15 Fenderside P.U. (131 WB)	TC10903 + E62

Section 39152, Part I, Division 26 of the California Health and Safety Code requires that a decal be affixed to the side window which discloses the highest emissions from the certification fleet for that vehicle for which approval has been granted by the Board.

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

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
GM-102	3.0	36	1.6

According to the California Assembly-Line Test Procedure for 1974 Model Light-Duty Gasoline Powered Vehicles, these values shall be in effect during the first calendar quarter of model production and not to exceed 30 days thereafter. Not more than one month after the first and each succeeding calendar quarter of production, the exhaust emission shown on the window decal shall be the average quality audit values for the engine family of the previous calendar quarter of production.

Section B3 of the above procedure requires the manufacturer to submit to the Executive Officer before the start of the model-year, a list of the engine components and control systems affecting emissions to be functionally checked and the procedure for performing these checks.

In accordance with Section II E. of the California Exhaust Emission Standards and Test Procedures for 1973 through 1976 Models Gasoline-Powered Light-Duty Motor Vehicles, the manufacturer is required to inform the Air Resources Board of any production changes which will affect emissions.

EXECUTIVE ORDER A-6-13 GENERAL MOTORS CORPORATION

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 26 day of September, 1973.

JOHN A. MAGA
Executive Officer

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1974 Model-Year
Light Duty Vehicles

MANUFACTURER: GENERAL MOTORS CORPORATION

EXECUTIVE ORDER A-6-13

Vehicle Model	Engine C.I.D.	Carburetor No. of Venturi	Trans-mission	Engine Family	Inertia Weight	Tune-up Specifications		
						Idle RPM	Basic Timing	Idle CO or AFR
Nova Hatchback Coupe, Nova Coupe, Nova Sedan, Nova Custom Hatch-back Coupe, Nova Custom Coupe, Nova Custom Sedan, Ventura Coupe. Ventura Sedan, Omega Coupe, Ventura Custom Coupe, Ventura Custom Sedan	250	1-1V	M-3	GM 102	3,500	850 RPM in neutral	8°BTDC @ 850 RPM in Neutral	Lean drop method 950/850 RPM in neutral
Ventura Hatch-back Coupe, Ventura Custom Hatchback Coupe, Omega Hatch-back Coupe, Omega Sedan, Apollo Hatch-back, Apollo Coupe, Apollo Sedan, Camaro Sport Coupe, Firebird Sport Coupe.					4,000			

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Model	Engine C.I.D.	Carburetor No.of Venturi	Trans-mission	Distributor Make & No.	Type Adv.*	Carburetor Make & No.	Emission Control System **			
							Exhaust	NOx	Evap.	Other
Nova Hatchback Coupe, Nova Coupe, Nova Sedan, Nova Custom Hatch-back Coupe, Nova Custom Coupe, Nova Custom Sedan, Ventura Coupe, Ventura Sedan, Omega Coupe, Ventura Custom Coupe, Ventura Custom Sedan, Ventura Hatch-back Coupe, Ventura Custom Hatchback Coupe, Omega Hatch-back Coupe, Omega Sedan, Apollo Hatch-back, Apollo Coupe, Apollo Sedan, Camaro Sport Coupe, Firebird Sport Coupe.	250	1-1V	M-3	Delco-Remy 1110499	C-V	Rochester 7044017	AIR	EGR 7043042	CAN	TCS

** AIR - Air Injection Reaction
EGR - Exhaust Gas Recirculation
CAN - Charcoal Canister
TCS - Transmission Controlled Spark Advance

* C - Centrifugal
V - Vacuum
VR - Vacuum retard

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Vehicle Model	Engine C.I.D.	Carburetor No. of Venturi	Trans-mission	Engine Family	Inertia Weight	Tune-up Specifications		
						Idle RPM	Basic Timing	Idle CO or AFR
Chevelle Malibu Sport Coupe, Chevelle Malibu Sedan, Chevelle Malibu Classic Sport Coupe, Chevelle Malibu Classic Sedan, Lemans Notchback Sedan, Lemans Notch-back Coupe, Lemans Sport Notchback Coupe	250	1-1V	M-3	GM-102	4,000	850 RPM in neutral	8° BTDC @ 850 RPM in neutral	Lean Drop Methoc 950/850 RPM in Neutral
Nova Hatch-back Coupe, Nova Coupe, Nova Sedan, Nova Custom Coupe, Nova Custom Sedan, Ventura Coupe, Ventura Sedan, Omega Coupe Ventura Custom Coupe			A-3		3,500	600 RPM in drive	6° BTDC @ 600 RPM in drive	Lean Drop Metho 630/600 in drive

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Model	Engine C.I.D.	Carburetor No.of Venturi	Trans-mission	Distributor Make & No.	Type Adv.*	Carburetor Make & No.	Emission Control System **			
							Exhaust	NOx	Evap.	Other
Chevelle Malibu Sport Coupe, Chevelle Malibu Sedan, Chevelle Malibu Classic Sport Coupe, Chevelle Malibu Classic Sedan, Lemans Notchback Sedan, Lemans Notch-back Coupe, Lemans Sport Notchback Coupe	250	1-1V	A-3	Delco-Remy 1110499	C-V	Rochester 7044314	AIR	EGR 7043041	CAN	TCS
Nova Hatch-back Coupe, Nova Coupe, Nova Sedan, Nova Custom Coupe, Nova Custom Sedan, Ventura Coupe, Ventura Sedan, Omega Coupe, Ventura Custom Coupe	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓

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Vehicle Model	Engine C.I.D.	Carburetor No. of Venturi	Trans-mission	Engine Family	Inertia Weight	Tune-up Specifications		
						Idle RPM	Basic Timing	Idle CO or AFR
Ventura Custom Sedan, Ventura Hatchback Coupe, Ventura Custom Hatchback Coupe, Omega Hatch-back Coupe, Omega Sedan, Apollo Hatchback Coupe, Apollo Coupe, Apollo Sedan, Nova Cus-tom Hatchback Coupe, Camaro Sport Coupe, Fire-bird Sport Coupe, Chevelle Malibu Sport Coupe, Chevelle Malibu Sedan, Chevelle Malibu Classic Sport Coupe, Chevelle Malibu Classic Sedan, Lemans Notch-back Sedan, Lemans Notchback Coupe, Lemans Sport Notchback Coupe	250	1-1V	A-3	GM-102	4,000	600 RPM in drive	6° BTDC @ 600 RPM in drive	Lean drop method 630/600 in drive

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Model	Engine C.I.D.	Carburetor No.of Venturi	Trans-mission	Distributor Make & No.	Type Adv.*	Carburetor Make & No.	Emission Control System ** Exhaust	NOx	Evap.	Other
Ventura Custom Sedan, Ventura Hatchback Coupe, Ventura Custom Hatchback Coupe, Omega Hatch-back Coupe, Omega Sedan, Apollo Hatchback Coupe, Apollo Coupe, Apollo Sedan, Nova Cus-tom Hatchback Coupe, Camaro Sport Coupe, Fire-bird Sport Coupe, Chevelle Malibu Sport Coupe, Chevelle Malibu Sedan, Chevelle Malibu Classic Sport Coupe, Chevelle Malibu Classic Sedan, Lemans Notch-back Sedan, Lemans Notchback Coupe, Lemans Sport Notchback Coupe	250	1-1V	A-3	Delco-Remy 1110499	C-V	Rochester 7044314	Air	EGR 7043041	CAN	

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Vehicle Model	Engine C.I.D.	Carburetor No. of Venturi	Trans-mission	Engine Family	Inertia Weight	Tune-up Specifications		
						Idle RPM	Basic Timing	Idle CO or AFR
P-10 Stepvan, G-10 Chevy Van (110), G-10 Sportvan (110WB), G-10 Chevy Van (125 WB), G-20 Chevy Van (110 WB), G-20 Chevy Van (125 WB)	250	1-1V	M-3	GM-102	4,000	950 RPM in neutral	6° BTDC @ 950 in neutral	Lean drop method 1100/950 in neutral
C-10 Blazer, C-10 Stepside P.U. (117 WB), C-10 Fleetside P.U. (117 WB)			M-3 & M-4					
C-10 Fleetside P.U. (131 WB), C-10 Stepside P.U. (131 WB), P-15 Value Van, G-15 Van Dura (110 WB), G-15 Rally Wagon (110 WB), G-15 Van Dura (125 WB), G-25 Van Dura (110 WB), G-25 Van Dura (125 WB)			M-3					

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							Exhaust	NOx	Evap.	Other
P-10 Stepvan, G-10 Chevy Van (110), G-10 Sportvan (110 WB), G-10 Chevy Van (125 WB), G-20 Chevy Van (110 WB), G-20 Chevy Van (125 WB)	250	1-1V	M-3	Delco-Remy 1110499	C-V	Rochester 7044321	AIR	EGR 7043043	CAN	TCS
C-10 Blazer, C-10 Stepside P.U. (117 WB), C-10 Fleetside P.U. (117 WB)			M-3 & M-4							
C-10 Fleetside P.U. (131 WB), C-10 Stepside P.U. (131 WB), P-15 Value Van, G-15 Van Dura (110 WB), G-15 Rally Wagon (110 WB), G-15 Van Dura (125 WB), G-25 Van Dura (110 WB), G-25 Van Dura (125 WB)			M-3							

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Vehicle Model	Engine C.I.D.	Carburetor No. of Venturi	Trans-mission	Engine Family	Inertia Weight	Tune-up Specifications		
						Idle RPM	Basic Timing	Idle CO or AFR
-15 Jimmy, -15 Fenderside .U. (117 WB), -15 Wideside .U. (117 WB)	250	1-1V	M-3 & M-4	GM-102	4,000	950 RPM in neutral	6° BTDC @ 950 in neutral	Lean drop method 1100/950 in neutral
-15 Wideside P. J. (131 WB) -15 Fenderside .U. (131 WB)			M-3					

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							Exhaust	NOx	Evap.	Other
C-15 Jimmy, C-15 Fenderside P.U. (117 WB), C-15 Wideside P.U. (117 WB)	250	1-1V	M-3 & M-4	Delco-Remy 1110499	C-V	Rochester 7044321	AIR	EGR 7043043	CAN	TCS
C-15 Wideside P.U. (131 WB) C-15 Fenderside P.U. (131 WB)			M-3							

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