

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-284
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 1984 model-year General Motors Corporation exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
E1G1.9T2TBA8	119 (1.9)	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 certification emission standards for this engine family to be listed on the window decal required by "California Assembly-Line Test Procedures for 1983 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles":

<u>Equivalent Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0-3999	0.41	9.0	1.0

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

<u>Equivalent Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0-3999	0.20	4.8	0.5

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.15 of Title 13, California Administrative Code which includes repair or replacement of emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

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.

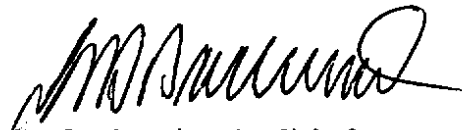
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

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 8th day of July, 1983.


K. D. Drachand, Chief
Mobile Source Control Division

TRUCK MODEL IDENTIFICATION CODE - See Note

Example: CC10703

Digit 1=Division

C=Chevrolet

T=GMC Truck

Digit 2=Chassis Type

C,S=Conventional 4 x 2

K,T=Conventional 4 x 4

(Four Wheel Drive)

G=Forward Control 4 x 2

(Body-Frame Integral)

Digit 3=Series/GVMR Range

1=10 Series/3425 to 7000

2=20 Series/6400 to 8600

3=30 Series/7100 to 14500

Digits 6&7=Cab or Body Style

03=Conventional Cab

05=Chevy Van/Vandura

06=Suburban or Sportvan/
Rally

16=Blazer/Jimmy

53=Extended Cab

Digits 4&5=Cab to Rear Axle

Dimension(Inches)

05=30 to 35

06=36 to 41

07=42 to 47

08=48 to 53

09=54 to 59

10=60 to 65

11=66 to 71

13=78 to 83

Eng. Code	CID	A/C	Electronic Control Module Part #	DATA			EGR System Valve Part #	Trans. Type
				Fuel Type: 2V	Mfr: Hitachi	Part #		
1	119	No	8941220710	8941144570			8942123000	M-4,5
2	119	Yes	8941220710	8941144570			8942123000	M-4,5
3	119	No	8941220710	8941144570			8942123000	M-4,5
4	119	Yes	8941220710	8941144570			8942123000	M-4,5
5	119	No	8941220710	8941144580			8942123000	A-3
6	119	Yes	8941220710	8941144580			8942123000	A-3

BODY CODES

E62=Stepside/Fenderside Pickup

E63=Fleetside/Wideside Pickup

ZW9=Chassis Cab

ABBREVIATIONS

TWC = Three-Way Converter

CL = Closed Loop

nv = n Venturi Carburetor

A/C = Air Conditioning

CID = Cubic Inches Displacement

EGR = Exhaust Gas Recirculation

AIP = Air Injection Pump

ISSUED: 06-03-83

REVISIONS:

0190W/

Manufacturer General Motors Corporation Executive Order No. A-6-284 Page 2

(X) Light Duty Trucks () Medium Duty Vehicles Engine Family E1G1.9T2TBA8

Engine (CID) 119 Exhaust Emission Control System AIP, EGR, TWC, CL

See Page 1 for:

Model Code	Body Code	Equiv. Test Weight	Eng. Code	Trans.		Tune-Up Label		Eng. Code		Trans.		Tune-Up Label		Eng. Code		Trans.		Tune-Up Label	
				Eng. Code	Trans.	Eng. Code	Trans.	Eng. Code	Trans.	Eng. Code	Trans.	Eng. Code	Trans.	Eng. Code	Trans.	Eng. Code	Trans.	Eng. Code	Trans.
CS10603	E63	2875	1	M-4,5	XAR	2	M-4,5	XAR	5	A-3	XAT	6	A-3	XAT	6	A-3	XAT	6	A-3
CS10653	E63	3000	1	M-4,5	XAR	2	M-4,5	XAR	5	A-3	XAT	6	A-3	XAT	6	A-3	XAT	6	A-3
CS10803	E63	3000	1	M-4,5	XAR	2	M-4,5	XAR	5	A-3	XAT	6	A-3	XAT	6	A-3	XAT	6	A-3
CS10516		3250	3	M-4,5	XAR	4	M-4,5	XAR											
CT10516		3625	3	M-4,5	XAR	4	M-4,5	XAR											
CT10603	E63	3250	3	M-4,5	XAR	4	M-4,5	XAR											
CT10803	E63	3375	3	M-4,5	XAR	4	M-4,5	XAR											
CT10653	E63	3375	3	M-4,5	XAR	4	M-4,5	XAR											

Comments: See page one for evaporative emission family identification and engine code descriptions. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and frontal area.

ISSUED: 06-03-83 REVISED: Number of transmission forward speeds added for clarity, 06-27-83.