

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-227
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 1982 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>
C1G1.9T2XBNO	119 (1.9)	Air Injection - Pump Exhaust Gas Recirculation Three Way Catalyst System With Closed Loop

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families 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 1982 model-year 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	.41	9.0	1.0

The following are the certification emission values for this 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	0.24	4.4	1.0

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 in El Monte, California this 6th day of August, 1981.

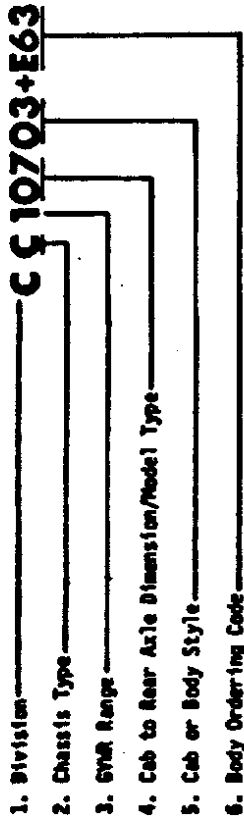

K. D. Drachand, Chief
Mobile Source Control Division

Manufacturer: GENERAL MOTORS CORPORATION

Executive Order No. A-6-227 Pg. 1

Engine (CID) 119 Exhaust Engine Fam. C1G1.9T2XBNO Evaporative Engine Families 2D7-8B

TRUCK MODEL IDENTIFICATION - Note 1.



¹ Division
C-Chevrolet
T-GMC Truck

⁴ Cab to Rear Axle Dimension
05 - 30-35"
06 - 36-41"
07 - 42-47"
08 - 48-53"
09 - 54-59"
10 - 60-65"
11 - 66-71"
13 - 78-83"

² Chassis Type
C-Conventional 4 x 2
E-Forward Control 4 x 2 (Body-Frame Integral)
K-Conventional 4 x 4 (Four Wheel Drive)
S-Conventional 4 x 2

⁵ Cab or Body Style
03-Conventional Cab
(C-K-S Models)
05-Chevy Van
06-Suburban/Sportvan with
Panel Rear Doors
16-Blazer

³ Series/GBR Range
1-10 Series - 3425 to 7000
2-20 Series - 6400 to 8600
3-30 Series - 7100 to 14,900

⁶ Body Ordering Code
E62-Stepside Pickup
E63-Fleetside Pickup

Eng. Code	Tune-Up Label Code	Air Cond.	Electronic Control Module Part No.	Fuel System 2V Rochester Carb. Part No.	EGR System Valve Part No.	Trans. M4=M-4 A=A-3
1	CBX	WO	8942309940	8942273700	8942123000	M4
2		W				
3	CBY	WO		8942273770		A3
4		W				

Note 1. Chevrolet models are listed. GMC Truck Div. has a complete line of matching models, not listed. For GMC models, read T instead of C as the first letter of the model code.

ABBREVIATIONS:

- Fuel System
- Exh. Emiss.
- Contr. Syst.
- nV - n Venturi Carburetor
- AIP- Air Injection - Pump
- EGR - Exhaust Gas Recirculation
- TWC - Three-Way Catalyst
- CI - Closed Loop

DRIVE AXLE: Rear

ISSUED: 080681. Abbreviations updated, drive axle added, on 041582.

ATR RESOURCES' BOARD 1982 SUPPLEMENTAL DATA SET - GM FORMAT - GASOLINE-FUELED TRUCKS

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-227 Pg. 2

Light Duty Trucks Medium Duty Vehicles Engine Family C1G1.9T2XBNO

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

Model Code	Body Code	Test Weight Class	Eng. Code		Transm.		Eng. Code		Transm.		Eng. Code		Transm.	
			Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.		
CS10603	+E63	2875	1	M4	2	M4	3	A	4	A	Eng. Code	Transm.	Eng. Code	Transm.
CS10803	+E63	2875	1	M4	2	M4	3	A	4	A	Eng. Code	Transm.	Eng. Code	Transm.

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: 080681. CS10603 + E63 with A-3 was 2750 before RC 21-136, approved 100681.
 CS10603 + E63 with M-4 was 2750 before RC 21-374, approved 02-03-82.

AIR RESOURCES BOARD 1982 SUPPLEMENTAL DATA SHEET - GM FORMAT - GASOLINE-FUELED TRUCKS

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-227 Pg. 2

Light Duty Trucks Medium Duty Vehicles Engine Family CIG1.9T2XBNO

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

Model Code	Body Code	Test Weight Class	See Page 1 for:		Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.
			Eng. Code	Transm.										
CS10603	+E63	2750 2875	1	M4	2	M4	3	A	4	A				
			1	M4	2	M4	3	A	4	A				
CS10803	+E63	2875	1	M4	2	M4	3	A	4	A				
			1	M4	2	M4	3	A	4	A				

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: 080681. CS10603 + E63 with A-3 was 2750 before RC 21-136, approved 100681.