

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-285  
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>
E1G2.8T2TRA2	173 (2.8)	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	0.39	9.0	1.0
4000-5999	0.50	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	0.23	6.2	0.8
4000-5999	0.23	6.2	0.8

BE IT FURTHER RESOLVED: That the listed models in the 0-3999 equivalent inertia weight class 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 8<sup>th</sup> day of July, 1983.

  
K. D. Drachand, Chief  
Mobile Source Control Division

Note: Chevrolet models listed; GMC Truck Div. has complete line of matching models, not listed. For GMC models, read T instead of C as digit one of model code.

**TRUCK MODEL IDENTIFICATION CODE - See Note**

Example: CCI0703

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/GVWR/Payload

I=10/3425-7000/1000-1625  
 2=20/6400-8600  
 3=30/7100-14500

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

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

**DATA**

Eng. Code	CID	A/C	Electronic Control Module Part #	Fuel System	2V Rochester Part #	EGR Valve Part #	Trans. Type
1	173	W0	16027781	17084357	17084783	M-4,5	
2	173	W	16027781	17084359	17084783	M-4,5	
3	173	W0	16027781	17084357	17084785	M-4,5	
4	173	W	16027781	17084359	17084785	M-4,5	
7	173	W0	16027791	17084356,	17084785	A-4	
8	173	W	16027791	17084358,	17084785	A-4	
9	173	W0	16027791	17084356,	17084786	A-4	
10	173	W	16027791	17084358,	17084786	A-4	

**BODY CODES**

E37=Utility Body  
 E62=Stepside/Fenderside Pickup  
 E63=Fleetside/Wideside Pickup  
 ZW9=Chassis Cab

**ABBREVIATIONS**

TWC = Three-way Catalyst  
 CL = Closed Loop

nv = n Venturi Carburetor  
 A/C = Air Conditioning  
 CID = Cubic Inches Displacement  
 EGR = Exhaust Gas Recirculation  
 AIP = Air Injection Pump

ISSUED: 05-24-83

REVISIONS: Added optional EGR valve part numbers 17084783, 17084785, and 17084786 to engine codes 1 & 2, 3-8, and 9 & 10, respectively, by RC 41-020 on 06-09-83.

AIR RESOURCES BOARD 1984 SUPPLEMENTAL DATA SHEET - GM FORMAT - GASOLINE-FUELED TRUCKS

Manufacturer General Motors Corporation Executive Order No. A-6-285 Page 2

(X) Light Duty Trucks ( ) Medium Duty Vehicles Engine Family E1G2.8T2TRA2

Engine (CID) 173 Exhaust Emission Control System AIP, EGR, TMC, CL

See Page 1 for:

Model Code	Body Code	Equiv. Test Weight	Eng. Code	Tune-Up		Eng. Code	Tune-Up		Eng. Code	Trans.	Tune-Up Label	Eng. Code	Trans.	Tune-Up Label	Eng. Code	Trans.	Tune-Up Label	
				Label	Code		Label	Code										
CS10603	E63	3125	1	M-4	XBW	1	M-5	XBW	2	M-4	XBW							
CS10603	E63	3250	2	M-4	XBW	2	M-5	XBW										
			7	A-4	XBX	8	A-4	XBX										
CS10803	E63	3250	1	M-4	XBW	1	M-5	XBW	2	M-4	XBW							
CS10803	E63	3375	2	M-5	XBW	2	M-4	XBW										
			7	A-4	XBX	8	A-4	XBX										
CS10653	E63	3375	1	M-4	XBW	1	M-5	XBW	2	M-4	XBW							
			7	A-4	XBX													
CS10653	E63	3500	8	A-4	XBX													
CT10603	E63	3375	3	M-4	XBW	3	M-5	XBW										
CT10603	E63	3500	4	M-4	XBW	4	M-5	XBW										
			7	A-4	XBX	8	A-4	XBX										

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: 05-24-83 REVISED: Revised ETW from 3250 to 3375 for model CS10803+E63 with M-4 (code M77) transmission, engine code 2, by RC 41-030 (06-20-83).

AIR RESOURCES BOARD 1984 SUPPLEMENTAL DATA SHEET - GM FORMAT - GASOLINE-FUELED TRUCKS

Manufacturer General Motors Corporation Executive Order No. A-6-285 Page 3

(X) Light Duty Trucks ( ) Medium Duty Vehicles Engine Family E1G2.8T2TRA2

Engine (CID) 173 Exhaust Emission Control System AIP,EGR,TMC,CL

See Page 1 for:

Model Code	Body Code	Equip. Test Weight	Eng. Code	Trans.	Tune-Up Label	Eng. Code	Trans.	Tune-Up Label	Eng. Code	Trans.	Tune-Up Label	Eng. Code	Trans.	Tune-Up Label
CT10803	E63	3500	3	M-4	XBW	3	M-5	XBW	4	M-4	XBW	4	M-5	XBW
CT10803	E63	3625	7	A-4	XBX	8	A-4	XBX						
CT10653	E63	3500	3	M-4	XBW									
CT10653	E63	3625	3	M-5	XBW	4	M-4	XBW	4	M-5	XBW			
			7	A-4	XBX	8	A-4	XBX						
• CS10516		3500	3	M-4	XBW	3	M-5	XBW	4	M-4	XBW	4	M-5	XBW
			7	A-4	XBX									
• CS10516		3625	8	A-4	XBX									
CT10516		3750	3	M-4	XBW	3	M-5	XBW						
• CT10516		3875	4	M-4	XBW	4	M-5	XBW						
			7	A-4	XBX	8	A-4	XBX						
CS10803	ZW9	3875	9	A-4	XBY	10	A-4	XBY						

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: 05-24-83 REVISED: