

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-322  
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 1985 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>
1G2.8T2TRA3	173 (2.8)	Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalytic 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	0.27	6.4	0.7
4000-5999	0.25	8.8	0.6

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.

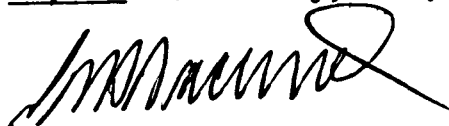
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

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 19<sup>th</sup> day of July, 1984.



K. D. Drachand, Chief  
Mobile Source Division

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET - GM FORMAT - GASOLINE-FUELED TRUCKS  
 Manufacturer: General Motors Corporation Executive Order Number A-6-322 Page 1  
 Exhaust Family FIG2.8T2TRA3 Evaporative Families 5B6-8  
 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: CC10703

Digit 1=Division	Digit 2=Chassis Type	Eng. Code	CID	A/C	Electronic Control Module Part #	Fuel System	2V Rochester Part #	EGR Valve Part #	Trans. Type
C=Chevrolet	C,S=Conventional 4 x 2 K,T=Conventional 4 x 4 (Four Wheel Drive)	1	173	W0	16036471	17085357, 17085369	17085359, 17085371	17084783	M-4,5
T=GMC Truck	M,G=Forward Control 4 x 2 (Body-Frame Integral)	2	173	W	16036471	17085359, 17085371	17085359, 17085371	17084783	M-4,5
Digit 3=Series/GVMR Range	Digit 4&5=Cab to Rear Axle Dimension(Inches)	3	173	W0	16036471	17085357, 17085369	17085357, 17085369	17084785	M-4,5
1=10 Series/3425 to 7000	05=30 to 35	4	173	W	16036471	17085359, 17085371	17085359, 17085371	17084785	M-4,5
2=20 Series/6400 to 8600	06=36 to 41	5	173	W0	16036481	17085356, 17085368	17085356, 17085368	17084785	A-4
3=30 Series/7100 to 14500	07=42 to 47	6	173	W	16036481	17085358, 17085370	17085358, 17085370	17084785	A-4
Digit 6&7=Cab or Body Style	08=48 to 53	7	173	W0	16036481	17085356, 17085368	17085356, 17085368	17084786	A-4
03=Conventional Cab	09=54 to 59	8	173	W	16036481	17085358, 17085370	17085358, 17085370	17084786	A-4
05=Chevy Van/Vandura	10=60 to 65								
06=Suburban or Sportvan/ Rally	11=66 to 71								
16=B1azer/Jimmy	13=78 to 83								
53=Extended Cab									

BODY CODES

E62 = Stepside/Fenderside Pickup  
 E63 = Fleetside/Wideside Pickup  
 7W9 = Chassis Cab

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

ABBREVIATIONS

AIP = Air Injection Pump  
 TWC = Three-way Catalyst  
 CL = Closed Loop

ISSUED: 06-06-84

REVISIONS:

0712P

AIR RESOURCES BOARD 1985 SUPPLEMENTAL DATA SHEET - GM FORMAT - GASOLINE-FUELED TRUCKS

Manufacturer General Motors Corporation Executive Order No. A-6-322 Page 2

(X) Light Duty Trucks ( ) Medium Duty Vehicles Engine Family FIG2.8T2TRA3

Engine (CID) 173 Exhaust Emission Control System AIP,EGR,TMC,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.	Tune-Up Label
CS10603	E63	3125	1	M-4	UDM	1	M-5	UDM						
CS10603	E63	3250	2	M-4	UDM	2	M-5	UDM						
			5	A-4	UDM	6	A-4	UDM						
CS10803	E63	3250	1	M-4	UDM	1	M-5	UDM	2	M-5	UDM	5	A-4	UDM
CS10803	E63	3375	2	M-4	UDM									
			6	A-4	UDM									
CS10653	E63	3375	3	M-4	UDM	3	M-5	UDM	4	M-4	UDM			
CS10653	E63	3500	6	A-4	UDM	4	M-4	UDM	4	M-5	UDM	5	A-4	UDM
CT10603	E63	3500	3	M-4	UDM	3	M-5	UDM						
CT10603	E63	3625	4	M-4	UDM	4	M-5	UDM						
			5	A-4	UDM	6	A-4	UDM						

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

ISSUED: 07-06-84 REVISED: Increased ETM of model CS10603 in engine code 2 from 3125 to 3250; decreased ETM of model CS10803 in engine code 2 (M-5 spd) from 3375 to 3250; increased ETM of model CS10653 in engine code 5 from 3375 to 3500 by RC 51-207 on 03-26-85.

AIR RESOURCES BOARD 1985 SUPPLEMENTAL DATA SHEET - GM FORMAT - GASOLINE-FUELED TRUCKS

Manufacturer General Motors Corporation Executive Order No. A-6-322 Page 3

(X) Light Duty Trucks ( ) Medium Duty Vehicles Engine Family FIG2.8T2TRA3

Engine (CID) 173 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.	Tune-Up Label
CT10803	E63	3625	3	M-4 A-4	UDW UDW	3	M-5	UDW	4	M-4	UDW	4	M-5	UDW
CT10803	E63	3750	6	A-4	UDW									
CT10653	E63	3750	3	M-4 A-4	UDW UDW	3	M-5	UDW	4	M-4	UDW	4	M-5	UDW
CT10653	E63	3750	5	A-4	UDW									
CT10653	E63	3875	6	A-4	UDW									
CS10516		3500	3	M-4	UDW	3	M-5	UDW						
CS10516		3625	4	M-4 A-4	UDW UDW	4	M-5 A-4	UDW UDW						
CS10516		3625	5	A-4	UDW	6	A-4	UDW						
CT10516		3875	3	M-4 A-4	UDW UDW	3	M-5	UDW	4	M-4	UDW	4	M-5	UDW
CT10516		4000	6	A-4	UDW									
CS10803	ZW9	3875	7	A-4	UDX	8	A-4	UDX						

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

ISSUED: 06-06-84 REVISED:

0712P