State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-257
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 1983 model-year General Motors Corporation exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks. & medium-duty

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
D1G4.1T2TMA9	250	(4.1)	Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst 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 1983 model-year vehicles:

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
4000-5999	0.50	9.0	1.0

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

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
4000-5999	0.33	8.8	0.8

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 30th day of July, 1982.

K. D. Drachand, Chief
Mobile Source Control Division

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET - GM FORMAT - GASOLINE FUELED TRUCKS

Manufacturer: General Motors Corporation Executive Order Number A-6-257 Page 1

Exhaust Family D1G4.1T2TMA9 Evaporative Families 3D6-8, 3E6-8

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

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

1=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 Type: Mfgr: Part #	EGR System Valve Part #	Trans. Type
				2V Rochester		
1,1A,1B	250	No	16023311	17083431	17082814	M-3,4
2,2A,2B	250	Yes	16023311	17083435	17082814	M-3,4
5,5A,5B	250	No	16023331	17083431	17082812	M-3
6,6A,6B	250	Yes	16023331	17083435	17082812	M-3
9,9A,9B	250	No	16023331	17083431	17083743	M-4
10,10A,10B	250	Yes	16023331	17083435	17083743	M-4
11,11A,11B	250	No	16023301	17083430	17083749	A-4
12,12A,12B	250	Yes	16023301	17083434	17083749	A-4
15,15A,15B	250	No	16023321	17083430	17083753	A-4
16,16A,16B	250	Yes	16023321	17083434	17083753	A-4
17,17A,17B	250	No	16023321	17083430	17083741	A-4
18,18A,18B	250	Yes	16023321	17083434	17083741	A-4

BODY CODES

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

ABBREVIATIONS

nv = n Venturi Carburetor
A/C = Air Conditioning
CID = Cubic Inches Displacement
EGR = Exhaust Gas Recirculation
AIP = Air Injection Pump
TWC = Three-way converter
CL = Closed Loop

ISSUED:

REVISIONS: 'A' engine codes added by RC 31-120, 10-27-82.
Transmission forward gears added for clarity.
'B' engine codes added by RC 31-219, 03-23-83.

0270U/52U

AIR RESOURCES BOARD 1983 SUPPLEMENTAL DATA SHEET - GM FORMAT - GASOLINE-FUELED TRUCKS

Manufacturer General Motors Corporation Executive Order No. A-6-257 Page 2

(X) Light Duty Trucks ( ) Medium Duty Vehicles Engine Family D1G4.1T2TMA9

Engine (CID) 250 Exhaust Emission Control System AIP,EGR,TWC,CL

See Page 1 for:

Model Code	Body Code	Equiv. Test Weight	Eng. Code	Trans.	(1) Tune-Up Label	Eng. Code	Trans.	(1) Tune-Up Label	Eng. Code	Trans.	(1) Tune-Up Label	Eng. Code	Trans.	(1) Tune-Up Label
CC10703	E62	3875	1,1A,1B	M-3,4	DHK	2,2A,2B	M-3,4	DHK	11,11A,11B	A-4	DHX	12,12A,12B	A-4	DHX
CC10703	E63	3875	1,1A,1B	M-3,4	DHK	2,2A,2B	M-3,4	DHK	11,11A,11B	A-4	DHX			
CC10703	E63	4000	12,12A,12B	A-4	DHX									
CC10903	E63	4000	1,1A,1B	M-3,4	DHK	2,2A,2B	M-3,4	DHK	11,11A,11B	A-4	DHX	12,12A,12B	A-4	DHX
CG11005		4250	5,5A,5B	M-3	DHS	6,6A,6B	M-3	DHS	9,9A,9B	M-4	DHS	10,10A,10B	M-4	DHS
CG11005		4250	15,15A,15B	A-4	DJB	16,16A,16B	A-4	DJB	17,17A,17B	A-4	DJB	18,18A,18B	A-4	DJB
CG11305		4250	5,5A,5B	M-3	DHS	6,6A,6B	M-3	DHS	15,15A,15B	A-4	DJB	16,16A,16B	A-4	DJB
CG11305		4250	17,17A,17B	A-4	DJB	18,18A,18B	A-4	DJB	9,9A,9B	M-4	DHS	10,10A,10B	M-4	DHS
CG11006		4500	17,17A,17B	A-4	DJB									
CG11306		4500	17,17A,17B	A-4	DJB									

(1) Single canister only. See table below for labels used with dual canisters.

Index to Tune-Up Labels

Evap Fam	Canister(s)	Label Codes			
3D6-8	1	DHK	DHS	DHX	DJB
3E6-8	2	DHM	DHT	DHY	DJC

COMMENTS: See page one for evaporative 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.

REVISED: CC10703+E63, engine codes 11 & 11A, and CG11305, engine codes 9, 9A, 10, 10A, ETW's revised RC 31-175. 'B' engine codes added by RC 31-219, 03-23-83.

0270U/52U

AIR RESOURCES BOARD 1983 SUPPLEMENTAL DATA SHEET - GM FORMAT - GASOLINE-FUELED TRUCKS

Manufacturer General Motors Corporation Executive Order No. A-6-257 Page 3

( ) Light Duty Trucks (X) Medium Duty Vehicles Engine Family D1G4.1T2TMA9

Engine (CID) 250 Exhaust Emission Control System AIP,EGR,TWC,CL

See Page 1 for:

Model Code	Body Code	Equiv. Test Weight	Eng. Code	Trans.	(1) Tune-Up Label	Eng. Code	Trans.	(1) Tune-Up Label	Eng. Code	Trans.	(1) Tune-Up Label	Eng. Code	Trans.	(1) Tune-Up Label
CC10703	E62	3875	1,1A,1B	M-3,4	DHN	2,2A,2B	M-3,4	DHN	11,11A,11B	A-4	DHZ	12,12A,12B	A-4	DHZ
CC10703	E63	3875	1,1A,1B	M-3,4	DHN	2,2A,2B	M-3,4	DHN	11,11A,11B	A-4	DHZ			
CC10703	E63	4000	12,12A,12B	A-4	DHZ									
CC10903	E63	4000	1,1A,1B	M-3,4	DHN	2,2A,2B	M-3,4	DHN	11,11A,11B	A-4	DHZ	12,12A,12B	A-4	DHZ
CG21005		4250	5,5A,5B	M-3	DHU	6,6A,6B	M-3	DHU	9,9A,9B	M-4	DHU	10,10A,10B	M-4	DHU
CG21005		4250	17,17A,17B	A-4	DJD	18,18A,18B	A-4	DJD						
CG21305		4500	5,5A,5B	M-3	DHU	6,6A,6B	M-3	DHU	9,9A,9B	M-4	DHU	10,10A,10B	M-4	DHU
CG21305		4500	17,17A,17B	A-4	DJD	18,18A,18B	A-4	DJD						
CG21306		4750	17,17A,17B	A-4	DJD									

(1) Single canister only. See table below for labels used with dual canisters.

Index to Tune-Up Labels

Evap Fam	Canister(s)	Label Codes			
3D6-8	1	DHN	DHU	DHZ	DJD
3E6-8	2	DHR	DHW	DJA	DJF

COMMENTS: See page one for evaporative 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.

REVISED: CC10703+E63, engine codes 11 & 11A, ETW revised RC 31-175.
'B' engine codes added by RC 31-219, 03-23-83.

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