

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-287
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 and medium-duty vehicles:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
E1G5.7T4TYA4	305,350 (5.0,5.7)	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>
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>
4000-5999	0.24	4.0	0.6

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=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

Digit 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

Digit 6&7=Cab or Body Style
 03=Conventional Cab
 05=Chevy Van/Vandura
 06=Suburban or Sportvan/
 Rally
 16=Blazer/Jimmy

BODY CODES

E37=Utility Body
 E62=Stepside/Fenderside Pickup
 E63=Fleetside/Wideside Pickup
 ZM9=Base Body

nV = n Venturi Carburetor
 A/C = Air Conditioning
 CID = Cubic Inches Displacement
 EGR = Exhaust Gas Recirculation
 AIP = Air Injection Pump
 TWC = Three Way Catalyst

ABBREVIATIONS

CL = Closed Loop

ISSUED: 05-25-83 **REVISIONS:** Added optional EGR valve part numbers 17084814, 17084815, and 17084818 to engine codes 1 & 2, 3-8, 9 & 10, respectively, by RC 41-020 on 06-09-83. Added optional carburetor part number 17084525 to engine codes 1 & 3, part number 17084527 to engine codes 2 & 4, part number 17084507 to engine codes 5, 7 & 9, part number 17084509 to engine codes 6, 8 & 10 by RC 41-031 on 06-22-83.

DATA

Eng. Code	CID	A/C	Electronic Control Module Part #	Fuel System Mfgr: Part #	EGR System Valve Part #	Trans. Type
1	305	W0	16028101	17084524, 17084525	17063334, 17084814	A-4
2	305	W	16028101	17084526, 17084527	17063334, 17084814	A-4
3	305	W0	16028101	17084524, 17084525	17063335, 17084815	A-4
4	305	W	16028101	17084526, 17084527	17063335, 17084815	A-4
5	350	W0	16028141	17084506, 17084507	17063335, 17084815	A-4
6	350	W	16028141	17084508, 17084509	17063335, 17084815	A-4
7	350	W0	16028141	17084506, 17084507	17063335, 17084815	A-4
8	350	W	16028141	17084508, 17084509	17063335, 17084815	A-4
9	350	W0	16028141	17084506, 17084507	17063338, 17084818	A-4
10	350	W	16028141	17084508, 17084509	17063338, 17084818	A-4

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

Manufacturer General Motors Corporation Executive Order No. A-6-287 Page 2

(X) Light Duty Trucks () Medium Duty Vehicles Engine Family E1G5.7T4TYA4

Engine (CID) 305 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
CC10703	E62	4250	1	A-4	XFF	2	A-4	XFF						
CC10703	E63	4250	1	A-4	XFF									
CC10703	E63	4500	2	A-4	XFF									
CC10903	E63	4500	1	A-4	XFF	2	A-4	XFF						
CG11005		4250	3	A-4	XFH									
CG11005		4500	4	A-4	XFH									
CG11305		4500	3	A-4	XFH									
CG11305		4750	4	A-4	XFH									

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: 05-25-83 REVISED:

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

Manufacturer General Motors Corporation Executive Order No. A-6-287 Page 3

() Light Duty Trucks (X) Medium Duty Vehicles Engine Family E1G5.7T4TYA4

Engine (CID) 305, 350 Exhaust Emission Control System AIP, EGR, TWC, CL

See Page 1 for:

Model Code	Body Code	Test Weight	Equiv. Test Weight	Eng. Code	Trans.	Tune-Up Label	Eng. Code	Trans.	Tune-Up Label	Eng. Code	Trans.	Tune-Up Label
CC10703	E62	4250	4250	1	A-4	XFF	2	A-4	XFF			
CC10703	E63	4250	4250	1	A-4	XFF						
CC10703	E63	4500	4500	2	A-4	XFF						
CC10903	E63	4500	4500	1	A-4	XFF	2	A-4	XFF			
CK10703	E62	4750	4750	5	A-4	XFJ	6	A-4	XFJ			
CK10703	E63	4750	4750	5	A-4	XFJ	6	A-4	XFJ			
CK10903	E63	5000	5000	5	A-4	XFJ	6	A-4	XFJ			
CC20903	E62	4750	4750	5	A-4	XFJ	6	A-4	XFJ			
CC20903	E63	4750	4750	5	A-4	XFJ	6	A-4	XFJ			
CC20903	E63	5000	5000	6	A-4	XFJ						
CC10906		5250	5250	5	A-4	XFJ	6	A-4	XFJ			
CK10906		5500	5500	5	A-4	XFJ	6	A-4	XFJ			
CK10516		5000	5000	5	A-4	XFJ						
CK10516		5250	5250	6	A-4	XFJ						
CG21005		4500	4500	3	A-4	XFH	4	A-4	XFH			
CG21305		4750	4750	3	A-4	XFH	4	A-4	XFH			
CG21306		5250	5250	7	A-4	XFK	8	A-4	XFK			
CG31306		5500	5500	9	A-4	XFK	10	A-4	XFK			

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: 05-25-83

REVISED:

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