

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-258
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 and medium-duty vehicles.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
DIG5.7T4TYA3	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 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:

<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
6000-8499	0.60	9.0	1.5

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>
4000-5999	0.27	5.1	0.8
6000-8499	0.22	3.3	0.9

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 27th 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-6-258 Page 1
 Exhaust Family D1G5.7T4TYA3 Evaporative Families 3D4D-8 and 3D4S-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=Conventional 4 x 4
 (Four Wheel Drive)
 G=Forward Control 4 x 2
 (Body-Frame Integral)

Digit 3=Series/GWV Range
 1=10 Series/3425 to 7000
 2=20 Series/6400 to 8600
 3=30 Series/7100 to 14500

Digits 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=Flieside/Wideside Pickup
 ZW9=Base Body

DATA

Eng. Code	CID	A/C	Electronic Control Module	Fuel System	EGR System	Trans. Type
1	305	No	160233361	17083524	17060987	A-4
2	305	Yes	160233361	17083526	17060987	A-4
3	305	No	160233361	17083524	17063334	A-4
4	305	Yes	160233361	17083526	17063334	A-4
5	350	No	160233381	17083506	17063335	A-4
6	350	Yes	160233381	17083508	17063335	A-4
7	350	No	160233381	17083506	17063335	A-4
7A	350	No	160233381	17083506	17063334	A-4
8	350	Yes	160233381	17083508	17063335	A-4
8A	350	Yes	160233381	17083508	17063334	A-4
11	350	No	160233381	17083506	17063335	A-4
12	350	Yes	160233381	17083508	17063335	A-4
13	350	Yes	160233381	17083506	17063336	A-4
14	350	Yes	160233381	17083508	17063336	A-4

ABBREVIATIONS

nv = n Venturi Carburetor
 A/C = Air Conditioning
 CID = Cubic Inches Displacement
 EGR = Exhaust Gas Recirculation
 A/P = Air Injection Pump
 TMC = Three Way Catalyst

CL = Closed Loop

ISSUED: ~~16JEB2~~ 072782

REVISIONS: EC 7A, 8A added by RC 31-008, on 28JL82.

Manufacturer General Motors Corporation Executive Order No. A-6-258 Page 2

(X) Light Duty Trucks () Medium Duty Vehicles Engine Family D1G5.7T4TYA3

Engine (CID) 305, 350 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									
CC10703	E62	4250	1	A-4	DHB	2	A-4	DHB						
CC10703	E63	4250	1	A-4	DHB									
CC10703	E63	4500	2	A-4	DHB									
CC10903	E63	4500	1	A-4	DHB	2	A-4	DHB						
CG11005		4250	3	A-4	DHC									
CG11005		4500	4	A-4	DHC									
CG11305		4500	3	A-4	DHC									
CG11305		4750	4	A-4	DHC									

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: 16JL82 REVISED:

Manufacturer General Motors Corporation Executive Order No. A-6-258 Page 3

() Light Duty Trucks (X) Medium Duty Vehicles Engine Family D1G5.714TYA3

Engine (CID) 305, 350 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									
CC10703	E62	4250	1	A-4	DHJ	2	A-4	DHJ						
CC10703	E63	4250	1	A-4	DHJ									
CC10703	E63	4500	2	A-4	DHJ									
CC10903	E63	4500	1	A-4	DHJ	2	A-4	DHJ						
CK10703	E62	4500	7	A-4	DHF	7A	A-4	DHF						
CK10703	E62	4750	8	A-4	DHF	8A	A-4	DHF						
CK10703	E63	4750	7	A-4	DHF	8	A-4	DHF						
CK10903	E63	4750	7	A-4	DHF	7A	A-4	DHF	7A	A-4	DHF	8A	A-4	DHF
CK10903	E63	5000	8	A-4	DHF	8A	A-4	DHF						
CC20903	E62	4750	5	A-4	DHF	6	A-4	DHF						
CC20903	E63	4750	5	A-4	DHF									
CC20903	E63	5000	6	A-4	DHF									
CC10906		5250	5	A-4	DHF	6	A-4	DHF						
CK10906		5500	7	A-4	DHF	8	A-4	DHF	7A	A-4	DHF	8A	A-4	DHF
CK10516		5000	7	A-4	DHF	7A	A-4	DHF						
CK10516		5250	8	A-4	DHF	8A	A-4	DHF						
CG21005		4500	3	A-4	DHD	4	A-4	DHD						
CG21305		4750	3	A-4	DHD	4	A-4	DHD						
CG21306		5250	11	A-4	DHH	12	A-4	DHH						
CG31306		5500	13	A-4	DHH									
CG31306		6000	14	A-4	DHH									

Comments: See page one for evaporative emission family identification and engine code descriptions. Please refer to manufacturer's HP 1st for correct dyno test HP settings based on model, equipment and frontal area.

ISSUED: ~~16JL82~~ 07JL82. REVISED: Corrected clerical error on tune-up labels for engine codes 1 and 2 per letter ML-3P588 on 27JL82. Engine codes 7A and 8A added by RC 31-008 on 28JL82.