

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-230
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 Order G-45-3, and G-45-4;

IT IS ORDERED AND RESOLVED: That 1982 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>
C1G5.7T4HHC8	305, 350 (5.0,5.7)	Air Injection - Pump Exhaust Gas Recirculation Oxidation Catalyst System

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 1982 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	1.5

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	0.48	6.0	1.5

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.

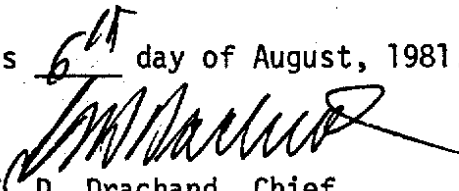
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

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).

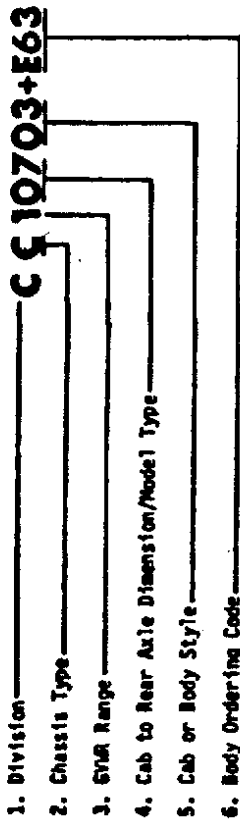
Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed in El Monte, California this 6th day of August, 1981.


K. D. Drachand, Chief
Mobile Source Control Division

TRUCK MODEL IDENTIFICATION - Note 1.



1. Division C
2. Chassis Type G
3. GVW Range 10
4. Cab to Rear Axle Dimension/Model Type Z
5. Cab or Body Style Q
6. Body Ordering Code 3

- 1 Division
C-Chevrolet
T-GMC Truck
- 2 Chassis Type
C-Conventional 4 x 2
G-Forward Control 4 x 2 (Body-Frame Integral)
K-Conventional 4 x 4 (Four Wheel Drive)
S-Conventional 4 x 2
- 3 Series/GVW Range
1-10 Series - 3425 to 7000
2-20 Series - 6400 to 8600
3-30 Series - 7100 to 14,500
- 4 Cab to Rear Axle Dimension
05 - 30-35"
06 - 36-41"
07 - 42-47"
08 - 48-53"
09 - 54-59"
10 - 60-65"
11 - 66-71"
13 - 78-83"
- 5 Cab or Body Style
03-Conventional Cab
(C-K-S Models)
05-Chevy Van
06-Suburban/Sportvan with Panel Rear Doors
16-Blazer
- 6 Body Ordering Code
E62-Stepside Pickup
E63-Fleetside Pickup

Eng. Code	CID	Air Cond.	Ign. Syst. EI, CA, VA DelcoRemy Distrib. Part No.	Fuel System 4V Rochester Carb. Part No.	EGR System. Valve Part No.	Trans. A3=A-3 A4=A-4
1	305	WO	1103487	17082524	17060987	A4
2		W		17082526		
3		WO		17082524	17063336	A3
4		W		17082526		
5	350	WO	1103435	17082506	17063338	A4
6		W		17082508		
7		WO		17082506	17063337	
8		W		17082508		
11		WO	1103433	17082506	17063336	A3
12		W		17082508		

Note 1. Chevrolet models are listed. GMC Truck Div. has a complete line of matching models, not listed. For GMC models, read T instead of C as the first letter of the model code.

ABBREVIATIONS:

Ignition System

- CA - Centrifugal Advance
- EI - Electronic Ignition
- VA - Vacuum Advance
- nV - n Venturi Carburetor
- AIP- Air Injection - Pump
- EGR - Exhaust Gas Recirculation
- OC - Oxidation Catalyst System
- AIV- Air Injection - Valve

Fuel System

Exh. Emiss.

Contr. Syst.

Issued: 080681.

ISSUED:

AIR RESOURCES BOARD 1982 SUPPLEMENTAL DATA SET - GM FORMAT - GASOLINE-FUELED TRUCKS

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-230 Pg. 2
 Light Duty Trucks Medium Duty Vehicles Engine Family C1G5.7T4HHC8

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

Model Code	Body Code	Equivalent Test Weight	See Page 1 for:			Eng. Code	Transm.	Tune-up Label	Eng. Code	Transm.	Tune-up Label	Eng. Code	Transm.	Tune-up Label	Eng. Code	Transm.	Tune-up Label
			Eng. Code	Transm.	Tune-up Label												
CC10516		4750	1	A4	CFD	2	A4	CFD									
CC10703	+E62	4250	1	A4	→												
CC10703	+E63	4500	2	A4													
CC10703		4250	1	A4													
CC10703		4500	2	A4													
CC10903	+E63	4500	1	A4	↓	2	A4	CFD									
CG11005		4250	3	A3	CFH												
CG11005		4500	4	A3	↓												
CG11305		4500	3	A3		4	A3	CFH									

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.

Date of Issue: 080681. Revisions: CC10703+E62 with EC 2 was 4250 before RC 21-362, CC11005 with EC 4 was 4250 before RC 21-362, approved on 031982.

AIR RESOURCES BOARD 1982 SUPPLEMENTAL DATA SHEET - GM FORMAT - GASOLINE-FUELED TRUCKS

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-230 Pg. 3

Light Duty Trucks Medium Duty Vehicles Engine Family C1G5.7T4HHC8
 Engine (CID) 305, 350 Exhaust Emission Control System AIP, EGR, OC

Model Code	Body Code	See Page 1 for:	Equivalent Test Weight	Eng. Code	Transm.	Tune-up Label	Eng. Code	Transm.	Tune-up Label	Eng. Code	Transm.	Tune-up Label	Eng. Code	Transm.	Tune-up Label
CC10703	+E62		4250	1	A4	CFF									
CC10703	+E63		4500	2	A4										
CC10903	+E63		4500	1	A4	→	2	A4	CFF						
CC10906			5250	5	A4	CFA	6	A4	CFA						
CC20903	+E62		4750	5	A4	→	6	A4	→						
CC20903	+E63		4750	5	A4	CFA									
CK10516			5000	6	A4	→									
CK10703	+E62		5000	7	A4	CFB									
CK10703	+E63		5250	8	A4					8	A4	CFB			
CK10903	+E63		4750	7	A4	→				8	A4	CFB			
CK10903			5000	8	A4										

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.

Date of issue: 080681. Revisions: CC10703+E62 with EC 7 was 4750 before letter 2P1348, CC10703+E62 with EC 2 was 4250 before RC 21-362, approved on 031982.

AIR RESOURCES BOARD 1982 SUPPLEMENTAL DATA SHEET - GM FORMAT - GASOLINE-FUELED TRUCKS

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-230 Pg. 4

Light Duty Trucks Medium Duty Vehicles Engine Family C1G5.7T4HHC8

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

Model Code	Body Code	See Page 1 for:																
		Equivalent Weight	Eng. Code	Transm.	Tune-up Label	Eng. Code	Transm.	Tune-up Label	Eng. Code	Transm.	Tune-up Label							
CK10906		5500	5	A4	CFA	6	A4	CFA										
CG21005		4250 4500	3 4	A3 A3	CFJ ↓													
CG21305		4500 4750	3	A3	↓	4	A3	CFJ										
CG21306		5000 5250	11 12	A3 A3	CFC													
CG31306		5500 6000	11 12	A3 A3														

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.

Date of issue: 080681. Revisions: CG21306 with EC 4 was 4500 before letter 2P1348, CG31306 added by RC 21-296, on 032682, approved on 031982.