

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-200  
Relating to Certification of New Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; 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 General Motors Corporation exhaust emission control systems are certified as described below 1981 model-year 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>
18F2HHNR	250 (4.1)	Air Injection Pump Exhaust Gas Recirculation Oxidation Catalyst

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1981 model-year vehicles:

<u>Engine Family</u>	<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>
18F2HHNR	4000- 5999	0.29	6.8	1.2

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", amended June 26, 1980.

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 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That General Motors Corporation has provided to the Executive Officer 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.

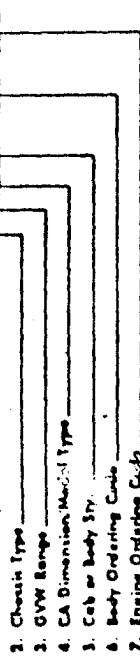
The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 29<sup>th</sup> day of August, 1980.

  
K. D. Drachand, Chief  
Mobile Source Control Division

TRUCK MODEL IDENTIFICATION - Note 1.

1. C = Chevrolet; 1 = GMC Truck C 10703 + E63 + LG9



- ② Chassis Type
- 03 - Conventional 4 x 2 (Body-Frame Integrated)
  - 04 - Conventional 4 x 4 (Four Wheel Drive)
  - 05 - Forward Control 4 x 2 (Conventional)

- ④ CA Dimensional Model Type
- 05 - Blazer, Jimmy, Step-Van, Value Van
  - 07 - 47/78-Box, Chem-Cab
  - 08 - C or Max Cab, Chem-Cab, Step-Van, Value Van
  - 09 - 24" Suburban, Chem-Cab, Pickup
  - 10 - 47/78 Chem, Chevy Van, Vandura, Spansen, Rally, Wagon, Chem-Cab, Value Van
  - 11 - Motor Home Chem-Cab
  - 13 - Chevy Van, Vandura, Spansen, Rally, Wagon, Value Van, Hi-Cube Van
  - 14 - 47/78 or Motor Home Chem-Cab, Chem-Cab, Step-Van, Value Van
  - 16 - Cutaway Van, Hi-Cube Van
  - 18 - Motor Home Chem-Cab, Value Van

- ⑤ Series/Vol Range
- 1 - 100 to 2300
  - 2 - 400 to 8400
  - 3 - 400 to 14,500

- ⑥ Body Code
- 258 - Base Body
  - 259 - Blazer, Jimmy w/White Top
  - 260 - Blazer, Jimmy w/Black Top
  - 264 - 47 Cutaway Van
  - 267 - Hi-Cube Van (10' Steel 96" Wide)
  - 268 - Step-Van, Value Van (Steel)
  - 269 - Step-Van, Value Van (Aluminum)
  - 270 - Hi-Cube Van (10' Steel 87" Wide)
  - 271 - Hi-Cube Van (96" Wide 10' Aluminum)
  - 272 - Hi-Cube Van (10' Steel 96" Wide)
  - 273 - Suburban (7-7.5' Bed Code)
  - 274 - Side (Roundside) Pickup
  - 275 - Side (Wide Side) Pickup
  - 276 - Base Body, Spansen, Rally 512

- ⑦ Engine Code
- LD4 - 250 3in
  - LD5 - 272 3in
  - LD6 - 291 2 1/2 in
  - LD7 - 350 4 in
  - LD8 - 400 4 in
  - LD9 - 434 4 in
  - LD10 - 500 4 1/2 in

- ⑧ Cab or Body Style (C.E. models)
- 01 - Conventional Cab
  - 02 - Conventional Cab
  - 03 - Chevy Van, Vandura
  - 04 - Suburban/Spansen, Rally, Wagon with Panel Rear Door
  - 05 - Blazer, Jimmy
  - 06 - Motor Home Chem-Cab
  - 07 - Forward Control Chem, Step-Van, Value Van
  - 08 - Base Cab, Crew Cab

Eng. Code	Air. Cond.	Ign. Syst. EI, CA, VA DelcoRemy Distrib. Part No.	Fuel System Rochester Carb. Part No.	EGR System. Valve Part No.	Trans. M=M-3, & M-4. A=A-3
1	Both	1110749	17081721	17063374 17075707 Opt.	M3
2	Both	1110749	17081727	17075708 17075716 Opt.	M3
3	Both	1110749	17081725	17075708 17075716 Opt.	M3

Note 1. Chevrolet models are listed. GMC Truck Div. has a complete line of matching models, not listed. For GMC models, read I 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
- AIV - Air Injection - Valve

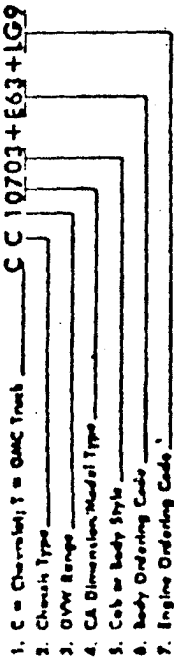
Fuel System Exh. Emiss. Contr. Syst.

Issued: 082980.

F44 - Hvy Dty GWV AS3 - Rear Seat

Engine (CID) 250 (4.1L) Exhaust Engine Family 18F2HHNR Evaporative Engine Families 1D6-8, 1E6-8

**TRUCK MODEL IDENTIFICATION - Note 1.**



1. C = Chevrolet; 1 = GMC Truck
2. 19703 = CA Dimensional Model Type
3. E63 = Cab or Body Style
4. LG9 = Body Ordering Code
5. Engine Ordering Code
- ①** Chassis Type
- 01—Commercial 4 x 2
  - 02—Commercial 4 x 3
  - 03—Commercial 4 x 2 (Floor Wheel Drive)
  - 04—Commercial 4 x 2 (Forward Control) 4 x 2 (Conventional)
  - 05—Blazer, Jimmy
  - 06—Chery Van, Value Van
  - 07—Pickup, Chassis-Cab
  - 08—7C or Motor Home Chassis, Step-Van, Value Van
  - 09—Suburban, Chassis-Cab, Pickup
  - 10—477C Chassis, Chery Van, Vandura, Spinnaker, Rally Wagon, Chassis-Cab, Step-Van, Value Van
  - 11—Motor Home Chassis
  - 12—Chery Van, Vandura, Spinnaker, Rally Wagon
  - 13—Chery Van, Vandura, Spinnaker, Rally Wagon
  - 14—477C or Motor Home Chassis, Chassis-Cab, Step-Van, Value Van
  - 15—Chery Van, Value Van
  - 16—Chery Van, Value Van
  - 17—Motor Home Chassis

- ②** Series/GW Range
- 1—1100 to 7300
  - 2—4400 to 8400
  - 3—6400 to 14,500
- ③** Cab or Body Style
- 01—Conventional Cab (C-E model)
  - 02—Chery Van, Value Van (D model)
  - 03—Chery Van, Vandura, Rally Wagon with Panel Rear Door
  - 04—Suburban, Spinnaker, Rally Wagon with Panel Rear Door
  - 05—Blazer, Jimmy
  - 06—Motor Home Chassis
  - 07—Forward Control Chassis, Step-Van, Value Van
  - 08—Blazer Cab, Crew Cab
- ④** CA Dimensional Model Type
- 01—Blazer, Jimmy
  - 02—Chery Van, Value Van
  - 03—Pickup, Chassis-Cab
  - 04—7C or Motor Home Chassis, Step-Van, Value Van
  - 05—Suburban, Chassis-Cab, Pickup
  - 06—477C Chassis, Chery Van, Vandura, Spinnaker, Rally Wagon, Chassis-Cab, Step-Van, Value Van
  - 07—Motor Home Chassis
- ⑤** Body Code
- ZW—Blazer Body
  - ZB—Blazer, Jimmy w/White Top
  - ZC—Blazer, Jimmy w/Black Top
  - ZD—RV Conquest Van
  - E31—Mi-Cab Van (17' Steel 94" Wide)
  - E32—Step-Van, Value Van (Steel)
  - E33—Step-Van, Value Van (Aluminum)
  - E34—Mi-Cab Van (17' Steel 94" Wide)
  - E35—Mi-Cab Van (19' Wide 17' Aluminum)
  - E36—Mi-Cab Van (17' Steel 94" Wide)
  - E37—Mi-Cab Van (19' Wide 17' Aluminum)
  - E38—Suburban (Ford Code)
  - E39—Spinnaker (Ford Code)
  - E40—Blazer (Ford Code)
  - E41—Blazer, Spinnaker, Rally 372
- ⑥** Engine Code
- LD4—250 S16
  - L33—271 S16
  - L09—303-3 V8
  - L39—350-4 V8
  - L44—400-4 V8
  - L71—434-4 V8
  - L71—350-6 V8

Eng. Code	Air Cond.	Ign. Syst. EI, CA, VA DelcoRemy Distrib. Part No.	Fuel System Rochester Carb. Part No.	EGR System. Valve Part No.	Trans. M=M-3. & M-4. A=A-3
4	Both	1110749	17081720	17063374 17075707 Opt.	A
5	Both	1110749	17081726	17075709 17075717 Opt.	A

F44 - Hwy Dty GVW  
AS3 - Rear Seat

AIR RESOURCES BOARD 1981 SUPPLEMENTAL DATA E1 - GM FORMAT - GASOLINE-FUELED TRUCKS

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-200 Pg. 3

Light Duty Trucks  Medium Duty Vehicles Engine Family 18F2HHNR

Engine (CID) 250 (4.1L) Exhaust Emission Control System AIP/ EGR/OC

See Page 1 for:		Test Weight Class	Eng. Code	Transm.	Tune-up Label (1)	Eng. Code	Transm.	Tune-up Label (1)	Eng. Code	Transm.	Eng. Code	Transm.	Tune-up Label (2)	Eng. Code	Transm.	Tune-up Label (2)	Eng. Code	Transm.
Model Code	Body Code																	
CC10703	+E62	3875	1	M3	ACW	4	A	ACY			1	M3	ACX	4	A	ACZ		
	+E63	3875	1	M3	ACW	4	A	ACY			1	M3	ACX	4	A	ACZ		
CC10903	+E62	4000	1	M3	ACW	4	A	ACY			1	M3	ACX	4	A	ACZ		
	+E63	4000	1	M3	ACW	4	A	ACY			1	M3	ACX	4	A	ACZ		
CG11005		4250	2	M3	ACW	5	A	ACY			2	M3	ACX	5	A	ACZ		
CG11305		4250	2	M3	ACW	5	A	ACY			2	M3	ACX	5	A	ACZ		

Comments: See page one for evaporative emission family identification and engine code descriptions. Please refer to manufacturer's HP 11st for correct dyno test HP settings based on model, equipment and frontal area.  
 (1) Single Evap. Canister.  
 (2) Dual Evap. Canister.

Date of Issue: 082980. Revisions: Model Codes corrected to agree with Note 1 on Pg.1; G11305 with EC 5 was 4250 before RC 11-147, approved on 112180. Single Evap. canister versions of G11005 & G11305 added by RC 11-129, on 120380. CG 11305 with EC 5 was 4500 before RC 11-222, approved on 022081. C10703 + E63 with EC 4 was 4000, C10903 + E63 with EC 4 was 4250 before Letter ML-1P1360, added on 061081.

Erin B...

AIR RESOURCES BOARD 1981 SUPPLEMENTAL DATA - GM FORMAT - GASOLINE-FUELED TRUCKS

Manufacturer: GENERAL MOTORS CORPORATION

Executive Order No. A-6-200

Pg. 4

Light Duty Trucks  Medium Duty Vehicles

Engine Family

18F2HNR

Engine (CID) 250 (4.1L)

Exhaust Emission Control System

A1P/ EGR/OC

See Page 1 for:		Test Weight Class	Eng. Code	Transm.	Tune-up Label (1)	Eng. Code	Transm.	Tune-up Label (1)	Eng. Code	Transm.	Eng. Code	Transm.	Tune-up Label (2)	Eng. Code	Transm.	Tune-up Label (2)	Eng. Code	Transm.
Model Code	Body Code																	
CC10703	+E62	3875	1	M3	AWA	4	A	AWC			1	M3	AWB	4	A	AWD		
	+E63	3875	1	M3	AWA	4	A	AWC			4	A	AWD					
CC10903	+E62	4000	1	M3	AWA	4	A	AWC			1	M3	AWB	4	A	AWD		
	+E63	4000	1	M3	AWA	4	A	AWC			4	A	AWD					
CG21005		4250	3	M3	AWA	5	A	AWC			3	M3	ADB	5	A	ADD		
CG21305		4500	3	M3	AWA	5	A	AWC			3	M3	ADB	5	A	ADD		

Comments: See page one for evaporative emission family identification and engine code descriptions. Please refer to manufacturer's HP 11st for correct dyno test HP settings based on model, equipment and frontal area.  
 (1) Single Evap. Canister.  
 (2) Dual Evap. Canister.

Date of Issue: 082980. Revisions: Model Codes corrected to agree with Note 1 on Pg.1, on 112180. Single Evap. canister version of G11005 & G11305 added by RC 11-129, on 120380. C10703 + E63 with EC 4 was 4000, C10903 + E63 with EC 4 was 4250 before letter ML-1P1360, added on 061081.