

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.

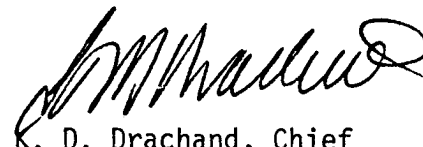
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

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 29th 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
3. GVW Range
4. CA Dimension Model Type
5. Cab or Body Style
6. Body Ordering Code
7. Engine Ordering Code

- Chassis Type
C-Commercial & 2
G-Forward Control & 3
K-Commercial & 4
P-Forward Control & 2
(Conventional)
CA Dimension Model Type
05-Blazer, Jimmy
07-Step Van, Value Van
08-C or Maxi Home Van, Hi-Cube Van
09-Suburban, Pickup
10-Suburban, Chevy
11-Motor Home Chassis
12-Cherry Van, Vandore
13-Spartan, Rally
14-Suburban, Chevy
15-Suburban, Chevy
16-Suburban, Chevy
18-Motor Home Chassis

- Body Code
258-Blazer, Jimmy w/White Top
259-Blazer, Jimmy w/Black Top
264-Corvair Van
281-Mi-Cube Van (10' Steel)
282-Mi-Cube Van (10' Wide)
283-Step Van, Value Van (Steel)
284-Mi-Cube Van (10' Steel)
285-Mi-Cube Van (10' Wide)
286-Mi-Cube Van (10' Wide)
287-Mi-Cube Van (10' Wide)
288-Mi-Cube Van (10' Wide)
289-Mi-Cube Van (10' Wide)
290-Aluminum
291-Suburban (7' 3/4 Cab)
292-Suburban (7' 3/4 Cab)
293-Suburban (7' 3/4 Cab)
294-Suburban (7' 3/4 Cab)
295-Suburban (7' 3/4 Cab)
296-Suburban (7' 3/4 Cab)
297-Suburban (7' 3/4 Cab)
298-Suburban (7' 3/4 Cab)
299-Suburban (7' 3/4 Cab)
300-Suburban (7' 3/4 Cab)

- Engine Code
LD4-250 3in
LD5-272 3in
LD6-290 2 1/2 in
LD7-300 4 in
LD8-300 4 in
LD9-300 4 in
LD10-300 4 in
LD11-300 4 in
LD12-300 4 in

- Cab or Body Style
01-Conventional Cab
02-Corvair Van, Hi-Cube Van (6 models)
03-Cherry Van, Vandore
04-Suburban/Spartan, 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

- Trans.
M=M-3, & M-4.
A=A-3
M3
M3
M3

Table with columns: Eng. Code, Air Cond., Ign. Syst., Fuel System, EGR System, Trans.
Row 1: 1, Both, EI, CA, VA DelcoRemy Distrib. Part No. 1110749, Rochester Carb. Part No. 17081721, Valve Part No. 17063374, M3
Row 2: 2, Both, 1110749, 17081727, 17075708, 17075716 Opt., M3
Row 3: 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

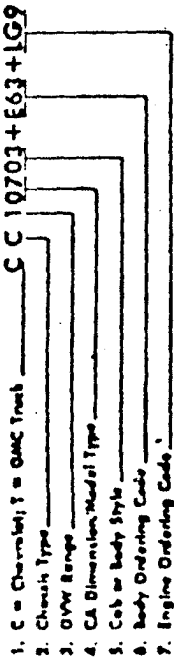
- CA - Centrifugal Advance
EI - Electronic Ignition
VA - Vacuum Advance
nV - n Venturi Carburetor
AIP - Air Injection - Pump
EGR - Exhaust Gas Recirculation
OC - Oxidation Catalyst
AIV - Air Injection - Valve

Fuel System
Exh. Emiss.
Contr. Syst.

Issued: 082980.

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. Chevrolet Type
 - 3. GVM Range
 - 4. CA Dimension Model Type
 - 5. Cab or Body Style
 - 6. Body Ordering Code
 - 7. Engine Ordering Code
- ③ Cheek Type
- C—Conventional
 - D—Forward Control
 - E—Conventional
 - F—Forward Control
- ④ CA Dimension Model Type
- 09—Suburban
 - 10—Chevrolet
 - 11—Motor Home Cheek
 - 12—Chevy Van, Vandura
 - 13—Spartan, Rally
 - 14—Chevy Van, Vandura
 - 15—Chevy Van, Vandura
 - 16—Chevy Van, Vandura
 - 17—Motor Home Cheek
 - 18—Motor Home Cheek
- ⑤ Series GVM Range
- 1—100 to 2300
 - 2—2400 to 3000
 - 3—3400 to 4500

- ⑥ Cab or Body Style
- 01—Conventional Cab
 - 02—Conventional Cab
 - 03—Chevy Van, Vandura
 - 04—Spartan, Rally
 - 05—Chevy Van, Vandura
 - 06—Spartan, Rally
 - 07—Chevy Van, Vandura
 - 08—Spartan, Rally
 - 09—Chevy Van, Vandura
 - 10—Spartan, Rally
 - 11—Chevy Van, Vandura
 - 12—Spartan, Rally
 - 13—Chevy Van, Vandura
 - 14—Spartan, Rally
 - 15—Chevy Van, Vandura
 - 16—Spartan, Rally
 - 17—Chevy Van, Vandura
 - 18—Spartan, Rally
- ⑦ Engine Code
- LD—250 St
 - LJ—271 St
 - LK—303 St
 - LM—303 St
 - LN—303 St
 - LO—303 St
 - LP—303 St
 - LQ—303 St
 - LR—303 St
 - LS—303 St
 - LT—303 St
 - LU—303 St
 - LV—303 St
 - LU—303 St
 - LV—303 St
 - LU—303 St
 - LV—303 St
- ⑧ Body Code
- ZW—Body
 - ZX—Body
 - ZY—Body
 - ZZ—Body
 - AA—Body
 - AB—Body
 - AC—Body
 - AD—Body
 - AE—Body
 - AF—Body
 - AG—Body
 - AH—Body
 - AI—Body
 - AJ—Body
 - AK—Body
 - AL—Body
 - AM—Body
 - AN—Body
 - AO—Body
 - AP—Body
 - AQ—Body
 - AR—Body
 - AS—Body
 - AT—Body
 - AU—Body
 - AV—Body
 - AW—Body
 - AX—Body
 - AY—Body
 - AZ—Body
 - BA—Body
 - BB—Body
 - BC—Body
 - BD—Body
 - BE—Body
 - BF—Body
 - BG—Body
 - BH—Body
 - BI—Body
 - BJ—Body
 - BK—Body
 - BL—Body
 - BM—Body
 - BN—Body
 - BO—Body
 - BP—Body
 - BQ—Body
 - BR—Body
 - BS—Body
 - BT—Body
 - BU—Body
 - BV—Body
 - BW—Body
 - BX—Body
 - BY—Body
 - BZ—Body
 - CA—Body
 - CB—Body
 - CC—Body
 - CD—Body
 - CE—Body
 - CF—Body
 - CG—Body
 - CH—Body
 - CI—Body
 - CJ—Body
 - CK—Body
 - CL—Body
 - CM—Body
 - CN—Body
 - CO—Body
 - CP—Body
 - CQ—Body
 - CR—Body
 - CS—Body
 - CT—Body
 - CU—Body
 - CV—Body
 - CW—Body
 - CX—Body
 - CY—Body
 - CZ—Body
 - DA—Body
 - DB—Body
 - DC—Body
 - DD—Body
 - DE—Body
 - DF—Body
 - DG—Body
 - DH—Body
 - DI—Body
 - DJ—Body
 - DK—Body
 - DL—Body
 - DM—Body
 - DN—Body
 - DO—Body
 - DP—Body
 - DQ—Body
 - DR—Body
 - DS—Body
 - DT—Body
 - DU—Body
 - DV—Body
 - DW—Body
 - DX—Body
 - DY—Body
 - DD—Body
 - DE—Body
 - DF—Body
 - DG—Body
 - DH—Body
 - DI—Body
 - DJ—Body
 - DK—Body
 - DL—Body
 - DM—Body
 - DN—Body
 - DO—Body
 - DP—Body
 - DQ—Body
 - DR—Body
 - DS—Body
 - DT—Body
 - DU—Body
 - DV—Body
 - DW—Body
 - DX—Body
 - DY—Body
 - DD—Body
 - DE—Body
 - DF—Body
 - DG—Body
 - DH—Body
 - DI—Body
 - DJ—Body
 - DK—Body
 - DL—Body
 - DM—Body
 - DN—Body
 - DO—Body
 - DP—Body
 - DQ—Body
 - DR—Body
 - DS—Body
 - DT—Body
 - DU—Body
 - DV—Body
 - DW—Body
 - DX—Body
 - DY—Body

F44 - Hwy Dty GVW
AS3 - Rear Seat

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

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.

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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.