

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-176  
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 for 1980 model-year gasoline-powered medium duty vehicles.

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
08F2A	250	Pulse Air Injection 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 1980 model-year vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
08F2A	0.5	9	1.4

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 except Motorcycles".

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 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 13<sup>th</sup> day of August, 1979.



K. D. Drachand, Acting Chief  
Mobile Source Control Division

Manufacturer: GENERAL MOTORS CORPORATION

Executive Order No. A-6-176 Pg. 1

Engine (CID) 250 Exhaust Engine Family 08F2A Evaporative Engine Families 0D6-8

**TRUCK MODEL IDENTIFICATION - Note 1.**

1. C = Chevrolet; 1 = GMC Truck
2. Chassis Type
3. GVW Range
4. CA Dimension/Model Type
5. Cab or Body Style
6. Body Ordering Code
7. Engine Ordering Code

- ③ Chassis Type**
- C—Conventional 4 x 2
  - G—Forward Control 4 x 2 (Body-Frame Integral)
  - K—Conventional 4 x 4 (Rear Wheel Drive)
  - P—Forward Control 4 x 2 (Conventional)
- ④ CA Dimension/Model Type**
- 05—Blazer, Jimmy, Step-Van, Value Van
  - 07—42"/Pickup, Chassis-Cab
  - 08—FC or Motor Home Chassis, Step-Van, Value Van
  - 09—56"/Suburban, Chassis-Cab, Pickup
  - 10—40"/FC Chassis, Cherry Van, Vendure, Sportvan, Rally Wagon, Chassis-Cab, Step-Van, Value Van
  - 11—Motor Home Chassis
  - 12—Cherry Van, Vendure, Sportvan, Rally Wagon, Van, Hi-Cube Van
  - 14—34"/FC or Motor Home Chassis, Chassis-Cab, Step-Van, Value Van
  - 16—Curryway Van, Hi-Cube Van
  - 18—Motor Home Chassis, Value Van

- ⑤ Cab or Body Style**
- 03—Conventional Cab (C-E models); Curryway Van, Hi-Cube Van (G models)
  - 05—Cherry Van, Vendure
  - 06—Suburban/Sportvan, Rally Wagon with Panel Rear Doors
  - 16—Blazer, Jimmy
  - 22—Motor Home Chassis
  - 42—Forward Control Chassis, Step-Van, Value Van
  - 43—Service Cab, Crew Cab
- ⑥ Body Code**
- ZW8—Base Body
  - Z58—Blazer, Jimmy w/White Top
  - Z59—Blazer, Jimmy w/Black Top
  - Z64—RV Curryway Van
  - E81—Hi-Cube Van (10' Steel 96" Wide)
  - E82—Step-Van, Value Van (Steel)
  - E83—Step-Van, Value Van (Aluminum)
  - E84—Hi-Cube Van (10' Steel 82" Wide)
  - E86—Hi-Cube Van (96" Wide 10' Aluminum)
  - E88—Hi-Cube Van (12' Steel 96" Wide)
  - E89—Hi-Cube Van (96" Wide 12' Aluminum)
  - E85—Suburban (-Lead Gate)
  - E82—Stepside (Renderside) Pickup
  - E63—Flash-6 (Wide Side) Pickup
  - E94—Beverly Sportvan, Rally STX
- ⑦ Engine Code**
- LD4—250 Six
  - L25—292 Six
  - LG9—305-2 V8
  - LM—400-4 V8
  - LF8—434-4 V8
  - U8—350-DESE

- ⑧ Series/GVW Range**
- 1—4000 to 7300
  - 2—8400 to 8400
  - 3—8400 to 14,500

Eng. Code	Tune up Label	Air Cond.	Ign. Syst. EI, CA, VA DelcoRemy Distrib. Part No.	Fuel System 2V Rochester Carb. Part No.	EGR System. Valve Part No.	Trans. M=M-3. & M-4. A=A-3
11	XC	W&W	1110747	17080723	17063371	M
13	XC	W&W	1110717	17080722	17062086	A

TUNE-UP LABEL - XC

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
  - AI - Air Injection
  - EGR - Exhaust Gas Recirculation
  - OC - Oxidation Catalyst
  - PAI - Pulse Air Injection
- Fuel System**
- Exh. Emiss. Contr. Syst.**

Issued: 081579. Reference to tune-up label revised, Pg. 3 (Tune-up label) deleted (dropped from format) on 021480.

F44 - Hwy Dty GVW  
AS3 - Rear Seat

Manufacturer: GENERAL MOTORS CORPORATION

Executive Order No. A-6-176 Pg. 1

Engine (CID) 250 Exhaust Engine Family

08F2A Evaporative Engine Families 0D6-8

**TRUCK MODEL IDENTIFICATION - Note 1.**

1. C = Chevrolet; T = GMC Truck C 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

- 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)
  - P—Forward Control 4 x 2 (Conventional)
- ④ CA Dimension Model Type**
- 05—Blazer, Jimmy
  - 06—Step-Van, Value Van
  - 07—42"/Pickup, Chassis-Cab
  - 08—FC or Motor Home Chassis, Step-Van, Value Van
  - 09—56" Suburban, Chassis-Cab, Pickup
  - 10—67" FC Chassis, Chevy Van, Vandura, Sportvan, Chassis-Cab, Step-Van, Value Van
  - 11—Motor Home Chassis
  - 12—Chevy Van, Vandura, Sportvan, Rally Wagon, Cutaway Van, Hi-Cube Van
  - 14—64"/FC or Motor Home Chassis, Chassis-Cab, Step-Van, Value Van
  - 16—Cutaway Van, Hi-Cube Van
  - 18—Motor Home Chassis

- ⑤ Series GVW Range**
- 1—800 to 7300
  - 2—8400 to 8400
  - 3—8400 to 14,500
- ⑥ Cab or Body Style**
- 03—Conventional Cab (C-X models)
  - 04—Cutaway Van, Hi-Cube Van (G models)
  - 05—Chevy Van, Vandura
  - 06—Suburban/Sportvan, Rally Wagon with Panel Rear Door
  - 16—Blazer, Jimmy
  - 32—Motor Home Chassis
  - 42—Forward Control Chassis, Step-Van, Value Van
  - 43—Blazer Cab, Crew Cab
- ⑦ Engine Code**
- LD4—250 Six
  - L25—292 Six
  - L29—303-2 V8
  - L39—350-A V8
  - L54—400-A V8
  - L78—434-A V8
  - U8—350-D6SE

- ⑧ Body Code**
- ZW—Box Body
  - Z58—Blazer, Jimmy w/White Top
  - Z59—Blazer, Jimmy w/Black Top
  - Z64—RV Cutaway Van
  - E31—Hi-Cube Van (10' Steel 96" Wide)
  - E32—Step-Van, Value Van (Steel)
  - E33—Step-Van, Value Van (Aluminum)
  - E34—Hi-Cube Van (10' Steel 87" Wide)
  - E35—Hi-Cube Van (96" Wide 10' Aluminum)
  - E38—Hi-Cube Van (13' Steel 96" Wide)
  - E39—Hi-Cube Van (96" Wide 13' Aluminum)
  - E53—Suburban w/End Gate
  - E62—Stepside (Fenderless) Pickup
  - E63—Flare Side (Wide Side) Pickup
  - E94—Bouville Sportvan, Rally STX

E44 - Hwy Dty GVW  
AS3 - Rear Seat

Eng. Code	Tune up Label	Air Cond.	Ign. Syst. EI, CA, VA DelcoRemy Distrib. Part No.	Fuel System ZV Rochester Carb. Part No.	EGR System. Valve Part No.	Trans. M=M-3. & M-4. A=A-3
11	XC	W&WO	1110747	17080723	17063371	M
13	XC	W&WO	1110717	17080722	17062086	A

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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.

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- CA - Centrifugal Advance
- EI - Electronic Ignition
- VA - Vacuum Advance
- nV - n Venturi Carburetor
- AI - Air Injection

**Fuel System Exh. EMISS. Contr. Syst.**

- EGR - Exhaust Gas Recirculation
- OC - Oxidation Catalyst
- PAI - Pulse Air Injection

Issued: 081579. Reference to tune-up label revised, Pg. 3 (Tune-up label) deleted (dropped from format) on 021480.

*Author Xtra*

AIR RESOURCES BOARD 1980 SUPPLEMENTAL DATA SHEET - GM FORMAT - GASOLINE-POWERED TRUCKS

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-176 Pg. 2

Light Duty Trucks  Medium Duty Vehicles Engine Family 08F2A  
 Engine (CID) 250 Exhaust Emission Control System AI/EGR/OC +10% (A/C) Yes  No

Model Code	Body Code	Test Weight Class	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.
CC20903	+E62	4500	11	M3	13	A										
	+E62	4750	11	M4	13	A										
	+E63	4750	11	M4	13	A										
CG21005		4250	11	M3	13	A										
CG21305		4500	11	M3	13	A										
CG21006		4500	11	M3	13	A										
CG21306		4750	11	M3	13	A										

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: 081579. Revisions: CC20903 + E62 with EC 13 was 4750 lb., M3 was included with M4 in CC20903 + E62 or E63 in 4750 lb. class, CG21306 was 4500 lb., revised per letter ML-0C102, on 021480.

AIR RESOURCES BOARD 1980 SUPPLEMENTAL DATA SHEET - GM FORMAT - GASOLINE-POWERED TRUCKS.

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-176 Pg. 2

Light Duty Trucks  Medium Duty Vehicles Engine Family 08F2A

Engine (CID) 250 Exhaust Emission Control System AI/EGR/OC +10% (A/C) Yes  No

Model Code	Body Code	Test Weight Class	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.
CC20903	+E62	4500	11	M3	13	A								
	+E62	4750	11	M4	13	A								
	+E63	4750	11	M4	13	A								
CG21005		4250	11	M3	13	A								
CG21305		4500	11	M3	13	A								
CG21006		4500	11	M3	13	A								
CG21306		4750	11	M3	13	A								

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: 06/15/79. Revisions: CC20903 + E62 with EC 13 was 4750 lb., M3 was included with M4 in CC20903 + E62 or E63 in 4750 lb. class, CG21306 was 4500 lb., revised per letter ML-OC102, on 02/14/80.

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AIR RESOURCES BOARD 1980 SUPPLEMENTAL DATA SHEET - GM FORMAT - GASOLINE-POWERED TRUCKS

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-176 Pg. 2

Light Duty Trucks  Medium Duty Vehicles Engine Family 08E2A  
 Engine (CID) 250 Exhaust Emission Control System AI/EGR/DC +10% (A/C) Yes  No

Model Code	See Page 1 for:		Test Weight Class	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.
	Body Code	Eng. Code													
CC20903	+E62	11	4500	13	A										
	+E62	11	4750	13	A										
	+E63	11	4750	13	A										
CG21005		11	4250	13	A										
CG21305		11	4500	13	A										
CG21006		11	4500	13	A										
CG21306		11	4750	13	A										

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.

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