

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-259
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 diesel-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>
D1G6.2K7ZZ40	379 (6.2)	Exhaust Gas Recirculation (Diesel Injection - Prechamber)

Vehicle Models, Transmissions, Engine Codes 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	2.0
6000-8500	0.60	9.0	2.0

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	0.18	0.8	1.7
6000-8500	0.42	1.8	1.0

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's 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

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

Digit 4&5=Cab to Rear Axle Dimension (Inches)
 05=30 to 35
 06=36 to 41
 07=42 to 47
 08=48 to 53
 09=54 to 59
 10=60 to 65
 11=66 to 71
 13=78 to 83

Digits 6&7=Cab or Body Style
 03=Conventional Cab
 05=Chevy Van/Vandura
 06=Suburban or Sportvan/
 Rally
 16=Blazer/Jimmy

BODY CODES
 E62=Stepside/Fenderside Pickup
 E63=Flatside/Wideside Pickup
 ZW9=Base Body

Eng. Code	CID	A/C	DATA				Trans. Type
			Injection Pump Mfg. Part #	Injector Nozzles Mfg. Part #	EGR System Valve Part #		
1, 1A, 1B	379	W	Stanadyne- Hartford 14050587	Robert Bosch 14061511	17075647	M-4	
2, 2A, 2B	379	W	14050587	14061511	17075647	M-4	
3, 3A, 3B	379	W	14066277	14045223	17075647	M-4	
4, 4A, 4B	379	W	14066277	14045223	17075647	M-4	
7, 7A, 7B	379	W	14066277	14061511	17075647	A-4	
9, 9A, 9B	379	W	14066277	14045223	17075647	A-4	

A/C = Air Conditioning
 CID = Cubic Inches Displacement
 EGR = Exhaust Gas Recirculation

ABBREVIATIONS
 DIP = Diesel Injection - Prechamber

ISSUED: 07-06-82

REVISIONS:

Engine codes 1A, 2A, 3A, 4A, 7A, and 9A added by RC 31-075 on 08-31-82.
 Corrected clerical errors to injector nozzle part numbers for engine codes 1, 1A, 2, 2A, 3, 3A, 4, 4A, 7, 7A, 9, 9A by letter ML-3R068 on 09-02-82.
 Engine codes 1B, 2B, 3B, 4B, 7B, and 9B added by RC 31-136 on 11-10-82.

AIR RESOURCES BOARD 1983 SUPPLEMENTAL DATA SHEET - GM FORMAT - DIESEL-FUELED TRUCKS

Manufacturer General Motors Corporation Executive Order No. A-6-259 Page 2

(X) Light Duty Trucks () Medium Duty Vehicles Engine Family D1G6.2K7ZZ40

Engine (CID) 379 Exhaust Emission Control System EGR, DIP

See Page 1 for:

Model Code	Body Code	Equiv. Test Weight	Eng. Code	Trans.	Tune-Up		Eng. Code	Trans.	Tune-Up		Eng. Code	Trans.	Tune-Up Label
					Label	Code			Label	Code			
CC10703	E62	4750	1	M	DKW	7B	A	DKW	7A	A	DKW	7A	DMB
CC10703	E63	4750	1	M	DKW	7B	A	DKW	7A	A	DKW	7A	DMB
CC10903	E63	5000	1	M	DKW	7B	A	DKW	7A	A	DKW	7A	DMB

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: 07-06-82 REVISED: Engine codes 1A and 7A added by RC 31-075 on 08-31-82. Engine codes 1B and 7B added by RC 31-136 on 11-10-82.

ATR RESOURCES BOARD 1983 SUPPLEMENTAL DATA SHEET - GM FORMAT - DIESEL-FUELED TRUCKS

Manufacturer General Motors Corporation Executive Order No. A-6-259 Page 3

() Light Duty Trucks (X) Medium Duty Vehicles Engine Family D166.2K7ZZ40

Engine (CID) 379 Exhaust Emission Control System EGR, DIP

See Page 1 for:

Model Code	Body Code	Equiv. Test Weight	Eng. Code	Trans.	Tune-Up Label	Eng. Code	Trans.	Tune-Up Label	Eng. Code	Trans.	Tune-Up Label	Eng. Code	Trans.	Tune-Up Label
CC10703	E62	4750	1 1B	M M	DKX DKX	7 7B	A A	DKY DKY	1A	M	DKX	7A	A	DKY
CC10703	E63	4750	1 1B	M M	DKX DKX	7 7B	A A	DKY DKY	1A	M	DKX	7A	A	DKY
CC10903	E63	5000	1 1B	M M	DKX DKX	7 7B	A A	DKY DKY	1A	M	DKX	7A	A	DKY
CG21005	E63	5000	3 3B	M M	DUK DUK	9 9B	A A	DMC DMC	3A	M	DUK	9A	A	DMC
CG21305	E63	5000	3 3B	M M	DUK DUK	9 9B	A A	DMC DMC	3A	M	DUK	9A	A	DMC
CC20903	E62	5250	1 1B	M M	DKX DKX	7 7B	A A	DKY DKY	1A	M	DKX	7A	A	DKY
CC20903	E63	5250	1 1B	M M	DKX DKX	7 7B	A A	DKY DKY	1A	M	DKX	7A	A	DKY

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: 07-06-82 REVISED: Engine codes 1A, 3A, 7A, and 9A added by RC 31-075 on 08-31-82. Engine codes 1B, 3B, 7B, and 9B added by RC 31-136 on 11-10-82.

AIR RESOURCES BOARD 1983 SUPPLEMENTAL DATA SHEET - GM FORMAT - DIESEL-FUELED TRUCKS

Manufacturer General Motors Corporation Executive Order No. A-6-259 Page 4

() Light Duty Trucks (X) Medium Duty Vehicles Engine Family D1G6.2K7ZZ40

Engine (CID) 379 Exhaust Emission Control System EGR, DIP

See Page 1 for:

Model Code	Body Code	Equiv. Test Weight	Eng. Code	Trans.	Tune-Up Label	Eng. Code	Trans.	Tune-Up Label	Eng. Code	Trans.	Tune-Up Label	Eng. Code	Trans.	Tune-Up Label
CK10703	E62	5250	1 1B	M M	DKX DKX	7 7B	A A	DKY DKY	1A	M	DKX	7A	A	DKY
CK10703	E63	5250	1 1B	M M	DKX DKX	7 7B	A A	DKY DKY	1A	M	DKX	7A	A	DKY
CK10903	E63	5500	2 2B	M M	DKY DKY	7 7B	A A	DKY DKY	2A	M	DKY	7A	A	DKY
CK10516		5500	7	A	DKY	7A	A	DKY	7B	A	DKY			
CG21306		5500	4 4B	M M	DMC DMC	9 9B	A A	DMC DMC	4A	M	DMC	9A	A	DMC
CK10906		6000	7	A	DKY	7A	A	DKY	7B	A	DKY			

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: 07-06-82 REVISED: Engine codes 1A, 2A, 4A, 7A, and 9A added by RC 31-075 on 08-31-82. Engine codes 1B, 2B, 4B, 7B, and 9B added by RC 31-136 on 11-10-82.