

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-318  
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 1985 model-year General Motors Corporation exhaust emission control systems are certified as described below for diesel-powered light-duty trucks:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
FIG2.2K7ZZL2	137 (2.2)	Exhaust Gas Recirculation (Diesel Injection - Prechamber)

Vehicle models, transmissions and engine codes are 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 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks and Medium-Duty 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>	<u>Particulates Grams per Mile</u>
0-3999	0.41	9.0	1.0	0.4

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>	<u>Particulates Grams per Mile</u>
0-3999	0.39	1.5	0.9	0.3

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 6<sup>th</sup> day of June, 1984.



K. D. Drachand, Chief  
Mobile Source Division

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET - GM FORMAT - DIESEL FUELED TRUCKS  
 Manufacturer: General Motors Corporation Executive Order Number A-6-318 Page 1  
 Exhaust Family F1G2.2K7ZZL2  
 Note: Chevrolet models listed; GMC Truck Div. has complete line of matching models,  
not listed. For GMC models, read T instead of C as digit one of model code.

TRUCK MODEL IDENTIFICATION CODE - See Note

Example: CC10703

DATA

Digit 1=Division	Digit 2=Chassis Type	Eng. Code	CID	A/C	Injection	Injector	EGR System	Trans. Type
C=Chevrolet	C, S=Conventional 4 x 2				Pump	Nozzles	Valve	
T=GMC Truck	K, T=Conventional 4 x 4 (Four Wheel Drive) M, G=Forward Control 4 x 2 (Body-Frame Integral)	1, 1A	137	W	Diesel	Diesel	8941156680	M-4, M-5
		or			K1k1	K1k1		
		MO			8941114130	8942308700		

Digit 3=Series/GWR Range	Digit 4&5=Cab to Rear Axle Dimension(Inches)
1=10 Series/3425 to 7000	05=30 to 35
2=20 Series/6400 to 8600	06=36 to 41
3=30 Series/7100 to 14500	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

RODY CODES

E62=Stepside/Fenderside Pickup  
 E63=Fleetside/Wideside Pickup  
 ZM=Base Body

ABBREVIATIONS

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

DIP = Diesel Injection - Prechamber

ISSUED: 05-16-84  
 REVISED: Engine code 1A added by RC 51-053, revised the design of the non-A/C fan blade on 09-21-84.

0694P

AIR RESOURCES BOARD 1985 SUPPLEMENTAL DATA SHEET - GM FORMAT - DIESEL-FUELED TRUCKS

Manufacturer General Motors Corporation Executive Order No. A-6-318 Page 2

Light Duty Trucks ( ) Medium Duty Vehicles Engine Family FIG2.2K7ZZL2

Engine (CID) 137 Exhaust Emission Control System EGR, DIP

See Page 1 for:

Model Code	Body Code	Equiv. Test Weight	Eng. Code	Trans. Code	Tune-Up Label	Eng. Code	Trans. Code	Tune-Up Label	Eng. Code	Trans. Code	Tune-Up Label	Eng. Code	Trans. Code	Tune-Up Label
CS10603	E63	3125	1,1A	M-4	UDB	1,1A	M-5	UDB						
CS10803	E63	3250	1,1A	M-4	UDB	1,1A	M-5	UDB						
CS10653	E63	3375	1,1A	M-4	UDB	1,1A	M-5	UDB						

Comments: See page one for engine code descriptions. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and frontal area.

ISSUED: 05-16-84 REVISED: Engine code 1A added by RC 51-053, revised the design of the non-A/C fan blade on 09-21-84. Decreased ETW of model CS10603 from 3250 to 3125; decreased ETW of model CS10803 from 3375 to 3250; decreased ETW of model CS10653 at 3500 to 3375 by RC 51-207 on 03-26-85.