

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-312
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 passenger cars:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
F3G4.3D7ZZK9	263 (4.3)	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>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>
0.41	7.0	1.0	0.4

The following are the certification emission values for this engine family:

<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>
0.27	1.2	0.9	0.4

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 21st day of January, 1984.



K. D. Drachand, Chief
Mobile Source Division

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer General Motors Corporation Executive Order No. A-6-312 Page 1
 Engine Family F3G4.3D7ZZK9 Evaporative Family NA
 Engine CID (Liters) - Type 263 (4.3) - V6

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
 EEC-Electronic Engine Control
 EI-Electronic Ignition
 ESAC-Electronic Spark Advance Control
 VA-Vacuum Advance
 VR-Vacuum Retard

Exhaust Emissions Control System

AIP-Air Injection-Pump
 AIV-Air Injection-Valve
 CL-Closed Loop
 EGR-Exhaust Gas Recirculation
 EM-Engine Modification
 OC-Oxidation Catalyst System
 TR-Thermal Reactor
 TWC-Three Way Catalyst System

Headings

AIR COND-Air Conditioning
 BB-Basic Body
 BT-Body Type
 DI-Diesel Injection
 DIN-Diesel Injector Nozzles
 DIV-Division
 ECM-Electronic Control Module
 ETW-Equivalent Test Weight
 TLC-Tune-Up Label Code
 TNS-Transmission
 TM-Trim

Fuel System

CFI, CL, DID, DIP, EFI, MFI, TBI
 nV-nVenturi Carburetor
 VV-Variable Venturi

Special Features

CCV-Combustion Chamber Valve
 CFI-Central Fuel Injection
 DID-Diesel Injection-Direct
 DIP-Diesel Injection-Prechamber
 MFI-Mechanical Fuel Injection
 TC-Turbocharged
 TBI-Throttle Body Injection
 EFI-Electronic Fuel Injection

<u>DIV</u>	<u>BB</u>	<u>TM</u>	<u>BT</u>	<u>MODEL NAME</u>	<u>DIV</u>	<u>BB</u>	<u>TM</u>	<u>BT</u>	<u>MODEL NAME</u>	
3				OLDSMOBILE	1				CHEVROLET	
	C	X	11	Ninety-Eight Regency Coupe		A	W	19	Celebrity Notchback Sedan	
		W	11	Ninety-Eight Regency Brougham Coupe				27	Celebrity Notchback Coupe	
			69	Ninety-Eight Regency Brougham Sedan				35	Celebrity Station Wagon	
					2				PONTIAC	
						A	F	19	6000 Sedan	
								27	6000 Coupe	
								35	6000 Wagon	
4				BUICK						
	C	X	11	Electra "300", "380", "430" 2 Dr Sedan				G	19	6000 LE Sedan
		W	11	Electra Park Avenue 2 Dr Sedan				27	6000 LE Coupe	
			69	Electra Park Avenue Sedan				35	6000 LE Wagon	
					3				OLDSMOBILE	
6				CADILLAC						
	C	B	47	Coupe deVille		A	J	19	Cutlass Ciera LS Sedan	
			69	Sedan deVille				27	Cutlass Ciera LS Coupe	
		D	47	Fleetwood Coupe				35	Cutlass Cruiser Wagon	
			69	Fleetwood Sedan			M	19	Cutlass Ciera Brougham Sedan	
								27	Cutlass Ciera Brougham Coupe	
					4				BUICK	
						A	H	19	Century Custom Sedan	
								27	Century Custom Coupe	
								35	Century Custom Wagon	
							L	19	Century Limited Sedan	
								27	Century Limited Coupe	
								35	Century Estate Wagon	

DRIVE AXLE: Front Wheel

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
DIESEL-FUELED PASSENGER CARS

Manufacturer General Motors Corporation Executive Order No. A-6-312 Page 2

Engine Family F3G4.3D7ZZK9 Exhaust Emission Control System EGR (DIP)

ENG. CID	ENG. CODE	AIR COND	DI PUMP PART NO.	DIN PART NO.	EGR VALVE PART NO.	ETW	DIV	B	T	BT	TNS	TLC	REV. NOTES
263	3,13	W/WO	22526504 22529725	22520376	17083702	3625	4	C	X	11	A-4	SAY SBN SBC	AC E
	13A, 13B, 13C		22524419, 22527910		17085700 17085027	3750	346	C		69			DG CF C
	II, 11A, 11B		22526624, 22527911		17085700 17085027	3250	34	A		27	A-3	SAC	BE DG EF
						3375	1234	A		19			
							123	A		27			
						3500	34	A		35			E
						3625	12	A		35			
	12					3375	23	A		19	A-4		B
							1234	A		27			
						3500	1 4	A		19			
							3	A		35			
						3625	12 4	A		35			

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP lists for correct dyno test HP settings based on model and equipment.

ISSUED: 12-20-83

REVISIONS: A. Add tune-up label code SAY on 01-26-84. B. EC 13A, 11 and 12 added by RC 53-032 on 03-17-84. C. EC 13 added by RC 53-043 on 05-10-84. D. EC 13B and 11A added by RC 53-061 on 06-19-84. E. Buick A and A wagon models with A-3 transmission and optional DI pump part number in EC's 3 and 13 added by RC 53-107 on 07-31-84. F. EC 13C and 11B added by RC 53-145 on 09-12-84. G. Optional EGR P/N 17085027 added by RC 53194 on 12-19-84.

0652P/17P