

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-225  
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 1982 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>
C3G4.3D7ZZK6	263 (4.3)	Exhaust Gas Recirculation (Diesel Injection - Prechamber)

Vehicle Models, Transmissions, and 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 1982 model-year vehicles:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.41	7.0	1.5

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>
0.23	0.7	1.5


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 8<sup>th</sup> day of February, 1982.

  
K. D. Drachand, Chief  
Mobile Source Control Division

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer General Motors Corporation Executive Order No. A-6-225 Page 1

Engine Family C3G4.3/D7ZZK6 Evaporative Family NA

Engine CID (Liters) 263 (4.3)

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, EFI, MFI  
 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

<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>
1				CHEVROLET	4				BUICK
	A	W	19	Celebrity Sedan		A	H	19	Century Custom Sedan
			27	Celebrity Hatchback Coupe				27	Century Custom Coupe
							L	19	Century Limited Sedan
								27	Century Limited Coupe
2				PONTIAC					
	A	F	19	6000 Sedan					
			27	6000 Coupe		G	J	47	Regal Coupe
		G	19	6000 LE Sedan				69	Regal Sedan
			27	6000 LE Coupe			M	47	Regal Limited Coupe
								69	Regal Limited Sedan
3				OLDSMOBILE					
	A	G	19	Cutlass Ciera Sedan					
			27	Cutlass Ciera Coupe					
		J	19	Cutlass Ciera LS Sedan					
			27	Cutlass Ciera LS Coupe					
		M	19	Cutlass Ciera Brougham Sedan					
			27	Cutlass Ciera Brougham Coupe					
	G	K	47	Cutlass Supreme Calais Coupe					
		M	47	Cutlass Supreme Brougham Coupe					
			69	Cutlass Supreme Brougham Sedan					
		R	47	Cutlass Supreme Coupe					
			69	Cutlass Supreme LS Sedan					

DRIVE AXLE: Front Wheel - A Body  
 Rear Wheel - G Body

0409Q/32Q ISSUED: 020482. 4G MODELS ADDED BY RC 23-385,  
 ON 021582.

## DIESEL-FUELED PASSENGER CARS

Manufacturer General Motors Corporation Executive Order No. A-6-225 Page 2

Engine Family C3G4.3D7ZZK6 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	1	W/WO	Stanadyne	CAV		3250	23	A		19	A3	HMD	
	1A		Hartford	22514509			1234	A		27		HPD	AD
	1B		22514435		17082835								BE
	1C												
						3375	1234	A		19			
							1	A		27			
							3	A	M	27			
	3		Stanadyne			3750	34	G		47		OLD	C
			Hartford				34	G		69			
			22511745										
			CAV										
			22514555										

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, equipment and frontal area.

Date of Issue: 020482

Revisions: A. EC 1A added by RC 23-322, approved with original certification 020482. B. RC 23-377 revised ETW for Chevrolet, Pontiac and Oldsmobile A models on 10FE82. C. Buick Regal models added by RC 23-383 on 15FE82. D. Engine code 1B added by RC 23-396 on 14AP82. E. Engine code 1C added by RC 23-422 on 05MY82.