State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-249 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 Order 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 gasoline-powered passenger cars..

Engine Family	Displac Cubic Inche		Exhaust Emission Control Syste (Special Features)					
D3G5.OW4ARA3	307	(5.0)	Air Injection - Pump Exhaust Gas Recirculation Three Way Catalyst System with Closed Loop					

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families 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:

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides				
Grams per Mile	Grams per Mile	Grams per Mile				
0.39	7.0	0.7				

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

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides				
Grams per Mile	Grams per Mile	Grams per Mile				
0.22	3.4	0.5				

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.15 of Title 13, California Administrative Code which includes repair or replacement of emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

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."

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 the listed vehicle models also comply with the Board's high altitude requirements and 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).

Yehicles 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 30 Th

day of June, 1982.

K. D. Drachand, Chief

Mobile Source Control Division

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer General Motors Corpor	ration Executive Order No. A-6-249	Page 1
Engine Family <u>D3G5.OW4ARA3</u>	Evaporative Family3B4	1-3B
	Engine CID (Liters) 307	(5.0)
ABBREVIATIONS		
Ignition System CA-Centrifugal Advance EEC-Electronic Engine Control EI-Electronic Ignition ESAC-Electronic Spark Advance Control VA-Vacuum Advance VR-Vacuum Retard Fxhaust 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

DIV	BB	TM	<u>BT</u>	MODEL NAME	VIC	BB	TM	BT	MODEL NAME
3				OL DSMOB ILE	4				BUICK
	В	L N N P Y	69 37 69 35 37 69	Delta 88 Sedan Delta 88 Royale Coupe Delta 88 Royale Sedan Custom Cruiser Wagon Delta 88 Royale Brougham Coupe Delta 88 Royale Brougham Sedan		В	N N P P R V		LeSabre Custom Sedan LeSabre Limited Coupe LeSabre Limited Sedan LeSabre Estate Wagon
	G	H K M R R	35 47 47 69 47 69	Cutlass Cruiser Brougham Wagon Cutlass Supreme Calais Coupe Cutlass Supreme Brougham Coupe Cutlass Supreme Brougham Sedan Cutlass Supreme Coupe Cutlass Supreme Sedan		C E	W W X X	69	Electra Park Avenue Coupe Electra Park Avenue Sedan Electra Limited Coupe Electra Limited Sedan Riviera "T-Type" Coupe
	С	W X X	69 37 50	Ninety-Eight Regency Brougham So Ninety-Eight Regency Coupe Ninety-Eight Regency Sedan	edan		Z Z	57 67	Riviera "Luxury" Coupe Riviera Convertible Coupe
	E	Z	57	Toronado Brougham Coupe					

ORIVE AXLE: E Models - Front Wheel Drive
Other Models - Rear Wheel Drive

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET GASOLINE-FUELED PASSENGER CARS

anufacturer General Motors Corporation Execution					on Executi	ive Orde	er No.	No. <u>A-6-249</u>			Page		<u>*2</u>
Engir	e Fam	ily <u>D</u>	3G5.OW4ARA	3 Exhaust	Emission (Control	System	l	AI~	Р, Е	GR, T	WC, C	<u>L</u>
ENG. CID	ENG. CODE	AIR COND	ECM PART NO.	CARB. PART NO.	EGR VALVE PART NO.	ETW	DIV	B B	T M	вт	TNS	TLC	REV. NOTES
307	1	W/WO	16023453	17083253	17075690, 17083808	3750 ⁻	3	G G		47 69	A3	SAN SBU	В
						4000	3	G		35			
						4250	34 34	B B		37 69			A
	2		16023473			4000	3 3	B B	L	37 69	A4		
						4250	4 3 4 3 3	B B C C	NY	37 69 69 37 69			
						4500	4	C		37 69			
	3		16023513	17083250	:	4250	34 4	E E		57 67			
	4		16023493	17083253		4500	3	В		35		•	
						4750	4	В		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, equipment and frontal area.

SSUED:

based on model, equipment and frontal area.

REVISIONS: A. ETW of 3BN37, 3BY37, 3BL69 was 4000 before RC
33-146 on 111682. B. TLC, SBU, added by RC 33-201 on 022483