

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-59R
Relating to Approval of New Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That General Motors Corporation exhaust emission control systems for 1976 model-year passenger cars are approved for the engine family described below:

Engine Family: 61V0
Engine: 500 CID
Transmission: 3-speed automatic
Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation, Oxidation Catalyst

Models: Cadillac

Calais Coupe
Calais Sedan
DeVille Coupe

Eldorado Coupe
Eldorado Convertible

DeVille Sedan
60 Brougham

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1976 model vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
61V0	0.6	6.7	1.4


BE IT FURTHER RESOLVED: That, pending further evaluation of the applicant's general standards submission, this approval is limited to the sale of vehicles with build dates no later than December 31, 1975.

BE IT FURTHER RESOLVED: That this Executive Order is issued subject to General Motors Corporation submitting a list of all operating conditions which may lead to catalyst overheating, the provisions taken to protect against damage caused thereby and such other vehicle information concerning safety as the Air Resources Board may reasonably request.

Vehicles approved under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 26 day of August, 1975.



G. C. Hass, Chief
Division of Vehicle
Emissions Control

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1976 MODEL YEAR

PASSENGER CARS LIGHT DUTY TRUCKS

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Engine Family	Vehicle Models (Refer to Attachment for code)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System		Emission Control System		Tune-up Specifications			
					Type	Mfr. Part No.	Type	Mfr. Part No.	Type	Oxidizing Catalyst Part No. Service*	EGR Part No. Service*	Idle RPM	Basic Timing	Idle Mixture
61V0	6CC47 6CC49 6CD47 6CD49 6CB69 6EL47 6EL67	500	A-3	5500	HEI C, V	1103202	EFI	1608339	OC EGR AIR	6498369	7043526	600 Drive	12° BTDC @ 600 RPM or Less	None

ABBREVIATIONS:

- Distributor
 C - Centrifugal Advance
 V - Vacuum Advance
 VR - Vacuum Retard
 HEI - High Energy Ignition

- Exhaust Emission Control System
 AIR - Air Injection Reactor
 EFI - Electronic Fuel Injection
 EGR - Exhaust Gas Recirculation
 OC - Oxidation Catalyst

- Evaporative Control System
 CAN - Charcoal Canister Storage
Service*
 I - Inspect, repair/replace as needed

ATTACHMENT (61V0)

SUPPLEMENTAL INFORMATION FORM

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<u>Model Name</u>	<u>Model Number</u>
Calais Coupe	6CC47
Calais Sedan	6CC49
DeVille Coupe	6CD47
Eldorado Coupe	6EL47
Eldorado Convertible	6EL67
DeVille Sedan	6CD49
60 Brougham	6CB69

STAFF USE ONLY

1976 MODEL YEAR

PASSENGER CARS LIGHT-DUTY TRUCKS
 CERTIFICATION APPLICATION CHECK-OFF SHEET

MANUFACTURER GM

- | | | | |
|--|--------------------|--|------------------|
| 1. Part I Submittal | | 1. Part II Submittal | |
| a. Date Received | <u>5-15-75</u> | a. Date Received | <u>7-2-75</u> |
| b. Date ARB Response | <u>6-30-75</u> | 2. Durability Test Data | <u>SD</u> |
| 2. Authorized Signature | <u>SD</u> | a. Durability Fleet Maint. | <u>SD</u> |
| 3. Vehicle Description | <u>SD</u> | 3. Emission Test Data | <u>SD</u> |
| 4. Emission Control System Descr. | <u>SD</u> | a. Emission Data Fleet Mnt. | <u>SD</u> |
| 5. Engine Parameters | <u>SD</u> | 4. Confirm. Tests Lab- <u>EPA</u> | <u>SD</u> |
| 6. Ignition & Fuel System Descr. | <u>SD</u> | 5. Add't'l. 91 RON Statement | <u>SD</u> |
| 7. Test Route, Equipment, and Fuel Description | <u>SD</u> | 6. Maint., Warr., & Train. Descr. | <u>To FOLLOW</u> |
| 8. Projected Calif. Sales Data | <u>SD</u> | 7. Statement on General Stds.: | |
| 9. Test Fleet Composition: | | Safety, Increase in Emissions | <u>L</u> |
| a. Durability Fleet | <u>6-30-75</u> | 8. Statement on Mtg. All Req. | <u>SD</u> |
| b. Emission Data Fleet | <u>6-4-75</u> | 9. Statement that Test & Production Vehicles are Identical | <u>SD</u> |
| 10. Carry-over Vehicles? | <u>YES-3</u> | 10. Ignition & Fuel System Part No. & Calibration | <u>SD</u> |
| 1976 Fed. | | 11. Aux. Em. Control Devices Part No. & Calibration | <u>SD</u> |
| 1975 Fed. | | 12. Tune-up Specifications | <u>SD</u> |
| | <u>DIR-602</u> | 13. EPA Certificate | <u>SD</u> |
| | | | |
| | <u>EMISS-6021C</u> | | |
| | <u>& 6022C</u> | | |

Engine Family	Emission Control System**	Engine Size CID	Vehicle I.D. Number	Projected Exhaust Emissions at 50,000 Miles (grams/mile)		
				HC	CO	NOx
6140	AI,	500	6021C	0.9(0.9)*	9.0(17)*	2.0(2.0)*
	EGR		0.6	6.7	1.2	
	EOC		6022C	0.4	6.1	1.4

Executive Order No. A-6-59 8/26/75 Date 8/26/75 Fulfilled all requirements for approval: LIMITED
 Yes/ No

Application Processed by Se DAND 8-20-75 Date Reviewed by John Batchelder 8/26/75 Date

*-Emission Standards. (Numbers in parenthesis refer to light-duty trucks.)

- **-Abbreviations:
- Exhaust Emission Control System
- AI - Air Injection
 - CAI - Catalyst Air Injection
 - EFE - Early Fuel Evaporation
 - EFI - Electronic Fuel Injection
 - EGR - Exhaust Gas Recirculation
 - EM - Engine Modifications

- ESAC - Electronic Spark Advance Control
- FI - Fuel Injection
- OC - Oxidation Catalyst
- RC - Reduction Catalyst
- TR - Thermal Reactor

Marketing agreement with another manufacturer: name of manufacturer _____
 Additional comments: _____