

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-67R
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: 21S4
Engine: 455 CID
Transmission: 3-speed automatic
Exhaust Emission Control Systems: Early Fuel Evaporation, Exhaust Gas Recirculation, Oxidation Catalyst

Models: Pontiac

- LeMans Sedan
- LeMans Coupe
- LeMans Sport Coupe
- Grand LeMans Sedan
- Grand LeMans Coupe
- LeMans Safari Station Wagon
- Grand LeMans Safari Station Wagon
- Grand Prix
- Grand Prix SJ
- Catalina Coupe
- Catalina Sedan
- Bonneville Coupe
- Bonneville Sedan
- Bonneville Brougham Coupe
- Bonneville Brougham Sedan
- Catalina Safari Station Wagon
- Grand Safari Station Wagon

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>
21S4	0.9	7.4	1.6

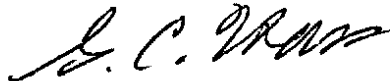
BE IT FURTHER RESOLVED: That, pending further evaluation of the applicant's general standards submission, this approval is limited to the sale of vehicles with build dates no later than December 31, 1975.

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

PASSENGER CARS LIGHT DUTY TRUCKS

EXECUTIVE ORDER NO. A-6-67

PONTIAC DIVISION OF GENERAL MOTORS CORP.

Engine Family	Vehicle Models (Refer to Attachment for code)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System		Emission Control System		Tune-up Specifications			
					Type	Mfgr. Part No.	Type	Mfgr. Part No.	Type	Oxidizing Catalyst Part No. Service*	EGR Part No. Service*	Idle RPM	Basic Timing	Idle Mixture
21S4	2AD37	455	A-3 Code 8	4500	HEI C, V	1112960	4 bbl	17056566	OC EGR	6498369 No Service	7043459 No Service	600 (Drive)	12° B 650 Max. Idle	Factory Preset
	2AF37													
	2AG37													
	2AD29													
	2GK57													
	2GJ57													
21S4	2AG29	455	A-3 Code 8	5000	HEI C, V	1112960	4 bbl	17056566	OC EGR	6498369 No Service	7043459 No Service	600 (Drive)	12° B 650 Max. Idle	Factory Preset
	2AD35													
	2AG35													
	2BL57													
	2BL69													
	2BP47													
21S4	2BP49	455	A-3 Code 9	5500	HEI C, V	1112960	4 bbl	17056562	OC EGR	6498369 No Service	7048194 No Service	600 (Drive)	12° B 650 Max. Idle	Factory Preset
	2BR47													
	2BR49													
	2BL35													
	2BP35													

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
 EFE - Early Fuel Evaporation

Evaporative Control System

CAN - Charcoal Canister Storage

Service*

- I - Inspect, repair/replace as needed
 R - Replace

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1976 MODEL YEAR

PASSENGER CARS LIGHT DUTY TRUCKS

Engine Family	Vehicle Models (Refer to Attachment for code)	Engine CID	Trans. Code	Inertia Weight	Distributor		Fuel System		Emission Control System		Tune-up Specifications			
					Type	Mfr. Part No.	Type	Mfr. Part No.	Oxidizing Catalyst Part No. Service*	Type	EGR Part No. Service*	Idle RPM	Basic Timing	Idle Mixture
21S4	2AD37*	455	A-3 Code 12	4500	HEI 1112960		4 bbl	17056562	OC EGR	6498369 No Service	7043459 No Service	600 (Drive)	12° B 650 Max. Idle	Factory Preset
	2AF37*													
	2AG37*													
	2AD29*													
	2GK57*													
21S4	2GJ57*													
	2AG29*	455	A-3 Code 12	5000	HEI 1112960		4 bbl	17056562	OC EGR	6498369 No Service	7043459 No Service	600 (Drive)	12° B 650 Max. Idle	Factory Preset
	2AD35*													
21S4	2AG35*													
	2BL57*	455	A-3 Code 13	5000	HEI 1112960		4 bbl	17056562	OC EGR	6498369 No Service	7043459 No Service	600 (Drive)	12° B 650 Max. Idle	Factory Preset
	2BL69*													
	2BL47*													
21S4	2BL49*													
	2BR47*													
	2BR49*													
21S4	2BL35*	455	A-3 Code 13	5500	HEI 1112960		4 bbl	17056562	OC EGR	6498369 No Service	7043459 No Service	600 (Drive)	12° B Max. Idle	Factory Preset
	2BP35*													

* Added by RC 2-68

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
EFE - Early Fuel Evaporation

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

ATTACHMENT I
SUPPLEMENTAL INFORMATION FORM
ENGINE FAMILY 21S4

<u>Model Name</u>	<u>Model Number</u>
LeMans Sedan	2AD29
LeMans Coupe	2AD37
LeMans Sport Coupe	2AF37
Grand LeMans Sedan	2AG29
Grand LeMans Coupe	2AG37
LeMans Safari Station Wagon	2AD35
Grand LeMans Safari Station Wagon	2AG35
Grand Prix	2GJ57
Grand Prix SJ	2GK57
Catalina Coupe	2BL57
Catalina Sedan	2BL69
Bonneville Coupe	2BP47
Bonneville Sedan	2BP49
Bonneville Brougham Coupe	2BR47
Bonneville Brougham Sedan	2BR49
Catalina Safari Station Wagon	2BL35
Catalina Safari 12 Pass. Limousine *	2BL35
Grand Safari Station Wagon	2BP35
Grand Safari 12 Pass. Limousine *	2BP35

* Added by Running Change 2-82