

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-66R
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: 21K4
Engine: 350 CID, 400 CID
Transmission: 3-speed automatic
Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation, Oxidation Catalyst

Models: Pontiac

- Firebird
 - Esprit
 - Formula
 - *Trans AM
 - LeMans Sedan
 - LeMans Coupe
 - LeMans Sport Coupe
 - Grand LeMans Sedan
 - Grand LeMans Coupe
 - *Grand Prix SJ
 - Grand Prix
 - *LeMans Safari Station Wagon
 - *Grand LeMans Safari Station Wagon
 - *Catalina Coupe
 - *Catalina Sedan
 - *Bonneville Coupe
 - *Bonneville Sedan
 - *Bonneville Brougham Coupe
 - *Bonneville Brougham Sedan
- *400 CID engine only

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>
21K4	0.7	5.3	2.0

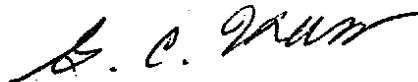
BE IT FURTHER RESOLVED: That, pending further evaluation of the applicant's general standards submission, this approval is limited to the sale of vehicles with build dates no later than December 31, 1975.

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

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
21K4	2FS87	350	A-3 Code 1	4000	HEI C, V	1103206	4bb1	17056568	AIR	6498369	7048194	600 (Drive)	16° BTDC @ 650 max. idle (Neutral)	Factory Preset
	OC								No Service	No Service				
	EGR								Service	Service				
21K4	2GJ57	350	A-3 Code 1 RC 2-123	4500	HEI C, V	1103206	4bb1	17056568	AIR	6498369	7048194	600 (Drive)	16° BTDC @ 650 max. idle (Neutral)	Factory Preset
	OC								No Service	No Service				
	EGR								Service	Service				
	AIR								6498369	7048194				
	OC								No Service	No Service				
21K4	2AD29	350	A-3 Code 1	4500	HEI C, V	1103206	4bb1	17056568	AIR	6498369	7048194	600 (Drive)	16° BTDC @ 650 max. idle (Neutral)	Factory Preset
	OC								No Service	No Service				
	EGR								Service	Service				
	AIR								6498369	7048194				
	OC								No Service	No Service				
21K4	2FU87	400	A-3 Code 1	4000	HEI C, V	1103205	4bb1	17056564	AIR	6498369	7047291	575 (Drive)	16° BTDC @ 650 max. idle (Neutral)	Factory Preset
	OC								No Service	No Service				
	EGR								Service	Service				
	AIR								6498369	7047291				

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

Trans. Codes Revised 120275
R. C. 2-68 Added 121075

PASSENGER CARS LIGHT DUTY TRUCKS

EXECUTIVE ORDER NO. A-6-66

Pontiac DIVISION OF GENERAL MOTORS CORP.

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	Mfg. Part No.	Type	Mfg. Part No.	Type	Oxidizing Catalyst Part No. Service*	EGR Part No. Service*	Idle RPM	Basic Timing	Idle Mixture
21K4	2AD29	400	A-3 Code 6	4500	HEI C, V	1103205	4 bbl	17056564	AIR OC EGR	6498369 No Service	7047291 No Service	575 (Drive)	16° BTDC @ 650 Max. Idle (Neutral)	Factory Preset
	2AD37													
	2AG29													
	2AG37													
	2AF37													
21K4	2GK57													
	2GJ57													
21K4	2AD35	400	A-3 Code 6	5000	HEI C, V	1103205	4 bbl	17056564	AIR OC EGR	6498369 No Service	7048194 No Service	575 (Drive)	16° BTDC @ 650 Max. Idle (Neutral)	Factory Preset
	2AG35													
21K4	2BL57	400	A-3 Code 7	5000	HEI C, V	1103205	4 bbl	17056564	AIR OC EGR	6498369 No Service	7048194 No Service	575 (Drive)	16° BTDC @ 650 Max. Idle (Neutral)	Factory Preset
	2BL69													
	2BP47													
	2BP49													
	2BR47													
	2BR49													

* Vehicles with optional axle ratios use trans code 10 per RC 2-68.

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Exhaust Emission Control System

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- OC - Oxidation Catalyst
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Evaporative Control System

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

PASSENGER CARS

LIGHT DUTY TRUCKS

Pontiac DIVISION OF GENERAL MOTORS CORP.

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Engine Family	Vehicle Models (Refer to Attachment for code)	Engine CID	Trans. Code	Inertia Weight	Distributor		Fuel System		Emission Control System		Tune-up Specifications			
					Mfgr. Part No.	Type	Mfgr. Part No.	Type	Oxidizing Catalyst Part No. Service*	Type	EGR Part No. Service*	Idle RPM	Basic Timing	Idle Mixture
21K4	2FU87*	400	A-3	4000	HEI	1103205	4 bbl	17056564	AIR	6498369	7048194	575	16° BTDC	Factory
	2FS87*		Code		CV				OC	No	No	(Drive)	@650	Preset
	2FT87*		11						EGR	Service	Service		Max Idle	
	2FW87*												(Neutral)	
21K4	2AD29*	400	A-3	4500	HEI	1103205	4 bbl	17056564	AIR	6498369	7048194	575	16° BTDC	Factory
	2AD37*		Code		CV				OC	No	No	(Drive)	@650	Preset
	2AG29*		10						EGR	Service	Service		Max Idle	
	2AG37*												(Neutral)	
	2AF37*													
	2GK57*													
	2GJ57*													

*Added by RC 2-68.

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- Exhaust Emission Control System**
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- Evaporative Control System**
 CAN - Charcoal Canister Storage

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

ATTACHMENT I

SUPPLEMENTAL INFORMATION FORM

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<u>Model Name</u>	<u>Model Number</u>
Firebird	2FS87
Esprit	2FT87
Formula	2FU87
Trans AM	2FW87
LeMans Sedan	2AD29
LeMans Coupe	2AD37
LeMans Sport Coupe	2AF37
Grand LeMans Sedan	2AG29
Grand LeMans Coupe	2AG37
Grand Prix SJ	2GK57
Grand Prix	2GJ57
LeMans Safari Station Wagon	2AD35
Grand LeMans Safari Station Wagon	2AG35
Catalina Coupe	2BL57
Catalina Sedan	2BL69
Bonneville Coupe	2BP47
Bonneville Sedan	2BP49
Bonneville Brougham Coupe	2BR47
Bonneville Brougham Sedan	2BR49