

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-58R  
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: 31H2  
Engine: 260 CID  
Transmission: 3-speed automatic  
Exhaust Emission Control Systems: Early Fuel Evaporation, Exhaust Gas Recirculation, Oxidation Catalyst

Models: Oldsmobile

Omega Hatchback Coupe  
Omega Coupe  
Omega Brougham Hatchback Coupe  
Omega Brougham Coupe  
Omega 'SX' Hatchback Coupe  
Omega 'SX' Coupe  
F-85 Coupe  
Omega Sedan  
Omega Brougham Sedan

Cutlass S Hardtop Coupe  
Cutlass Supreme Hardtop Coupe  
Cutlass Brougham Hardtop Coupe  
Cutlass 442 Hardtop Coupe  
Cutlass Salon Hardtop Coupe  
Cutlass Salon Hardtop Sedan  
Cutlass Hardtop Sedan  
Cutlass Supreme Hardtop Sedan

Pontiac

Ventura Hatchback Coupe  
Ventura Coupe  
Ventura SJ Hatchback Coupe  
Ventura SJ Coupe  
Ventura Sedan  
Ventura SJ Sedan

LeMans Coupe  
 LeMans Sport Coupe  
 Grand LeMans Coupe  
 LeMans Sedan  
 Grand LeMans Sedan

Buick

Skylark S/R Hatchback  
 Skylark Hatchback  
 Skylark S/R Coupe  
 Skylark Coupe  
 Skylark S/R Sedan  
 Skylark Sedan  
 Skylark S

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>
31H2	0.9	2.9	1.9


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	Mfg. Part No.	Type	Mfg. Part No.	Type	Oxidizing Catalyst Part No. Service*	EGR Part No. Service*	Idle RPM	Basic Timing	Idle Mixture			
31H2	3XB17	260	A-3	4000	HEI C	1112956	2 bbl	17056454 17056458	EGR OC EFE	6498369 No Service	7046289 No Service	600 RPM in drive	14° BTDC @ 1100 RPM	Factory Preset			
	3XB27																
	3XE17																
	3XE27																
	3XS27																
	3XB69																
	3XE69																
	3AG37														4500	17056459 17056456	
	3AJ57																
	3AM57																
3AG37																	
3AK57																	
3AK29																	
3AG29																	
3AJ29																	

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

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		
31H2	2XY17	260	A3	4000	HEI C	1112956	2 bbl	17056454 17056458	EGR OC EFE	6498369 No Service	7046289 No Service	600 RPM in Drive	14° BTDC @ 1100 RPM	Factory Preset		
	2AD37															
	2AF37															
	2AG37															
	2AD29															
	2AG29															
	4500														17056459 17056456	16° BTDC @ 1100 RPM

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

PASSENGER CARS  LIGHT DUTY TRUCKS

DIVISION OF GENERAL MOTORS CORP. EXECUTIVE ORDER NO. A- 6-58

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
11H2	4XC17	260	A3	4000	HEI C	1112956	2 bbl	17056454 17056458	EGR OC EFE	6498369 No Service	7046289 No Service	600 RPM in Drive 1100 RPM	14° BTDC @ 1100 RPM	Factory Preset
	4XB17													
	4XC27													
	4XB27													
	4XC69													
4XB69														
4XW27														

**ABBREVIATIONS:**

- Distributor  
 C - Centrifugal Advance  
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 VR - Vacuum Retard  
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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 (31H2)

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## SUPPLEMENTAL INFORMATION FORM

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<u>Model Name</u>	<u>Model Number</u>
Omega Hatchback Coupe	3XB17
Omega Coupe	3XB27
Omega Brougham Hatchback Coupe	3XE17
Omega Brougham Coupe	3XE27
Omega 'SX' Hatchback Coupe	3XB17
Omega 'SX' Coupe	3XB27
F-85 Coupe	3XS27
Omega Sedan	3XB69
Omega Brougham Sedan	3XE69
Cutlass S Hardtop Coupe	3AG37
Cutlass Supreme Hardtop Coupe	3AJ57
Cutlass Brougham Hardtop Coupe	3AM57
Cutlass 442 Hardtop Coupe	3AG37
Cutlass Salon Hardtop Coupe	3AK57
Cutlass Salon Hardtop Sedan	3AK29
Cutlass Hardtop Sedan	3AG29
Cutlass Supreme Hardtop Sedan	3AJ29
Ventura Hatchback Coupe	2XY17
Ventura Coupe	2XY27
Ventura SJ Hatchback Coupe	2XZ17
Ventura SJ Coupe	2XZ27
Ventura Sedan	2XY69
Ventura SJ Sedan	2XZ69
LeMans Coupe	2AD37
LeMans Sport Coupe	2AF37
Grand LeMans Coupe	2AG37
LeMans Sedan	2AD29
Grand LeMans Sedan	2AG29
Skylark S/R Hatchback	4XC17
Skylark Hatchback	4XB17
Skylark S/R Coupe	4XC27
Skylark Coupe	4XB27
Skylark S/R Sedan	4XC69
Skylark Sedan	4XB69
Skylark S	4XW27