

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-55R  
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: 41EZZ  
Engine: 231 CID  
Transmission: 4 and 5-Speed Manual\* 3-Speed Automatic  
Exhaust Emission Control Systems: Early Fuel Evaporation, Exhaust Gas Recirculation, Oxidation Catalyst

Models: Buick

Skylark Coupe  
Skylark Hatchback  
Skylark Sedan  
Skylark SR Coupe  
Skylark SR Hatchback  
Skylark SR Sedan  
Skylark S  
Century Special Coupe  
+ Skyhawk  
+ Skyhawk S  
Century Sedan  
Century Custom Sedan  
Regal Coupe  
Century Custom Coupe  
Century Coupe

Oldsmobile

+ Starfire SX  
+ Starfire  
Starfire GT

Pontiac

+ Sunbird

\*Available on models marked + 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>
41E2Z	0.9	6.1	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*

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

Engine Family	Vehicle Models (Refer to Attachment for code)	Engine CID	Trans.	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																		
41E2Z	4XB27	231	A-3 Code 1	4000	HEI	1110668 (Purple dot) Note (1)	2 bbl	17056448	EGR	6498369	17052142	600 (Drive)	10° BTDC @ 600 RPM (RC4-191)	Factory Preset																		
	4XB17														OC	No	Service															
	4XB69																	EGR	6498369	17052142	600 (Drive)	10° BTDC @ 600 RPM (RC4-191)	Factory Preset									
	4XC27																							OC	No	Service						
	4XC17																										EGR	6498369	17052142	600 (Drive)	10° BTDC @ 600 RPM (RC4-191)	Factory Preset
	4XC69																															
4XW27	EGR	6498369	17052142	600 (Drive)	10° BTDC @ 600 RPM (RC4-191)	Factory Preset																										
41E2Z	4AE37	231	A-3 Code 1	4000	HEI	1110668 (Purple dot) Note (1)	2 bbl	17056448	EGR	6498369	17052142	600 (Drive)	10° BTDC @ 600 RPM (RC4-191)	Factory Preset																		
	4AD29														OC	No	Service															
	4AH29																	EGR	6498369	17052142	600 (Drive)	10° BTDC @ 600 RPM (RC4-191)	Factory Preset									
41E2Z	4AJ57	231	A-3 Code 1	3500	HEI	1110661 (No dot color code) Note (1)	2 bbl	17056449	EGR	6498369	7044037	650 (Drive)	10° BTDC @ 600 RPM (RC4-191) was 120BTC	Factory Preset																		
	4AH57														OC	No	Service															
	4AD37																	EGR	6498369	7044037	650 (Drive)	10° BTDC @ 600 RPM (RC4-191) was 120BTC	Factory Preset									
	4HS07																							OC	No	Service						
	4HT07																										EGR	6498369	7044037	650 (Drive)	10° BTDC @ 600 RPM (RC4-191) was 120BTC	Factory Preset
3HD07	OC	No	Service																													
3HT07	EGR	6498369	7044037	650 (Drive)	10° BTDC @ 600 RPM (RC4-191) was 120BTC	Factory Preset																										
2HM27	EGR	6498369	7044037	650 (Drive)	10° BTDC @ 600 RPM (RC4-191) was 120BTC	Factory Preset																										

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

G-2680 Rr  
ote (1)  
R.C.4-206

AIR RESOURCES BOARD  
SUPPLEMENTAL INFORMATION  
1976 MODEL YEAR

PASSENGER CARS  LIGHT DUTY TRUCKS

BUICK DIVISION OF GENERAL MOTORS CORP. EXECUTIVE ORDER NO. A- 6-55 PAGE NO. 2

Engine Family	Vehicle Models (Refer to Attachment for code)	Engine CID	Trans. Code	Inertia Weight	Distributor		Fuel System		Emission Control System		Tune-up Specifications		Idle Mixture																	
					Type	Mfg. Part No.	Type	Mfg. Part No.	Type	Part No.	Part No.	Idle RPM		Basic Timing																
41E2Z	4HS07	231	M-4	3500	HEI	1110668 (Purple dot) Note (1)	2 bbl	17056447	EGR	6498369	17052284	800 (Neutral)	12°BTDC @ 800 RPM	Factory Preset																
	4HT07		Code												OC	No	No	Service	800	12°BTDC @ 800 RPM										
	3HD07		41																		OC	No	Service	800	12°BTDC @ 800 RPM					
	3HT07																									OC	No	Service	800	12°BTDC @ 800 RPM
	2HM27																													
4HS07	M-5	HEI	1110668 (Purple dot) Note (1)	2 bbl	17056447	EGR	6498369	17052284	800 (Neutral)	12°BTDC @ 800 RPM	Factory Preset																			
4HT07	Code	OC	No	Service	800	12°BTDC @ 800 RPM	800	12°BTDC @ 800 RPM																						
3HD07	52								OC	No	Service	800	12°BTDC @ 800 RPM																	
3HT07	51													OC	No	Service	800	12°BTDC @ 800 RPM												
2HM27	(RC4-206)	OC	No	Service	800	12°BTDC @ 800 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

ATTACHMENT I

SUPPLEMENTAL INFORMATION

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BUICK MODELS

MODEL NO.

Skylark Coupe	4XB27
Skylark Hatchback	4XB17
Skylark Sedan	4XB69
Skylark SR Coupe	4XC27
Skylark SR Hatchback	4XC17
Skylark SR Sedan	4XC69
Skylark S	4XW27
Century Special Coupe	4AE37
Skyhawk	4HS07
Skyhawk S	4HT07
Century Sedan	4AD29
Century Custom Sedan	4AH29
Regal Coupe	4AJ57
Century Custom Coupe	4AH57
Century Coupe	4AD37

OLDSMOBILE MODELS

MODEL NO.

Starfire SX	3HD07
Starfire	3HT07
Starfire GT	3HT07
Starfire GT	3HD07

PONTIAC MODELS

MODEL NO.

Sunbird	2HM27
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