

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-28
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-45-1;

IT IS ORDERED AND RESOLVED: That General Motors Corporation exhaust emission control systems for 1975 model-year passenger cars are approved for the engine family described below:

Engine Family: 41E23/0

Engine: 231 CID

Transmission: 3-speed automatic

Exhaust Emission Control Systems: Exhaust gas recirculation, early fuel evaporation, and oxidation catalyst

Models: Buick

Skylark Coupe
Skylark Hatchback
Apollo Sedan
Skylark SR Coupe
Skylark SR Hatchback
Apollo SR Sedan
Century Special Coupe
Century Custom Coupe
Century Custom Sedan
Century Coupe
Century Sedan
Regal Coupe
Regal Sedan
Skyhawk

Oldsmobile

Starfire

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1975 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>
41E23/0	0.8	8.3	2.0

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 23 day of August, 1974.


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

MANUFACTURER: DIVISION OF GENERAL MOTORS CORP.

AIR RESO YES BOARD
 SUPPLEMENTAL INFORMATION
 1975 MODEL YEAR
 PASSENGER CARS
 LIGHT-DUTY TRUCKS

Revised: Nov. 7, 1974
 Nov. 20, 1975 R.C. 169 (Rev. 5/1/75)
 Feb. 3, 1975
 R.C. 141 (Rev. April 3, 1975)
 EXECUTIVE ORDER NO. A-6-28
 R.C. 156
 PAGE NO. 1

Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System	Emission Control System		Tune-up Specifications																	
					Mfg. Part No.	Type		OC	TR	Part No. Service*	Part No. Service*	Idle RPM	Basic Timing	Idle Mixture													
41E23/0	4XB27 4XB17 4XB69 4XC27 4XC17 4XC69 4XM27 (R.C.#156)	231	A-3	4000	HEI C,V	1110651 1110661 (R.C.146)	2 bb1	Mfg. Part No. 7045448	EGR OC EFE	6498369	17052285	700 (Drive)	120 BTDC @700 RPM (Drive)	Factory Preset													
															HEI C,V	1110651 1110661 (R.C.146)	2 bb1	Mfg. Part No. 7045449	EGR OC	6498369	17052140	650 (Drive)	120 BTDC @650 RPM (Drive)	Factory Preset			
																									7045441 (R.C.#141)	7045449 (R.C.#169)	7044037 (R.C.#141)
3HD07 4HS07 (R.C.#169)	231	A-3	3500	HEI C,V	1110651 1110661 (R.C.146)	2 bb1	Mfg. Part No. 7045449	EGR OC	6498369	17052140	650 (Drive)	120 BTDC @650 RPM (Drive)	Factory Preset														
														7045441 (R.C.#141)	7045449 (R.C.#169)	7044037 (R.C.#141)											

Abbreviations:

Distributor

C - Centrifugal Advance
 V - Vacuum Advance
 VR - Vacuum Retard

Exhaust Emission Control System

AI - Air Injection
 EFI - Electronic Fuel Injection
 EGR - Exhaust Gas Recirculation
 EM - Engine Modifications

Evaporative Control System

FI - Fuel Injection
 OC - Oxidation Catalyst
 RC - Reduction Catalyst
 TR - Thermal Reactor
 CAN - Charcoal Canister Storage
 TS - Tank Storage
 *Service
 I - Inspect, repair/replace as needed
 R - Replace

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION

1975 MODEL YEAR

PASSENGER CARS LIGHT DUTY TRUCKS

Revised Feb. 3, 1975
R.C. 156 (Rev. March 14, 1975)

BUICK DIVISION OF GENERAL MOTORS CORP.

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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*	ECR Part No. Service*	Idle RPM	Basic Timing	Idle Mixture
41E23/0	4HS07 4HT07 (RC #156)	231	M-4 (RC#44)	3500	HEI	1110663	2	7045447	EGR OC EFE	6498369 No Service	17052284 No Service	800 (Neutral)	5° BTDC @ 800 RPM (Neutral)	Factory Preset
41E23/0	3HD07 3HT07 (RC #156)	231	M-4 (RC#44)	3500	HEI C, V	1110663	2	7045447	EGR OC EFE	6498369 No Service	17052284 No Service	800 (Neutral)	5° BTDC @ 800 RPM (Neutral)	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
 EFE - Early Fuel Evaporation

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

AIR JURCES BOARD
SUPPLEMENTAL INFORMATION

1975 MODEL YEAR

PASSENGER CARS

LIGHT DUTY TRUCKS

Oldsmobile

DIVISION OF GENERAL MOTORS CORP.

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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*	ECR Part No. Service*	Idle RPM	Basic Timing
41E23/0	3HD07	231	A-3	3500	HEI C, V	1110651	2 bbl	7045449	EGR OC EFE	6498369 No Service	17052140	650 (Drive)	12° BTDC F @ 650 rpm F (Drive)

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

R - Replace

ATTACHMENT I Page 4

SUPPLEMENTARY INFORMATION FORM
(41E23/0)

<u>Model Name</u>	<u>Model Number</u>
Skylark 'S'	4XW27 (RC156)
Skylark Coupe	4XB27
Skylark Hatchback	4XB17
Apollo Sedan	4XB69 (Corrected, was 4XC69)
Skylark SR Coupe	4XC27
Skylark SR Hatchback	4XC17
Apollo SR Sedan	4XC69
Century Special Coupe	4AE37
Skyhawk	4HS07
Starfire	3HD07
Skyhawk 'S'	4HT07 (RC156)
Starfire 'S'	3HT07 (RC156)