State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-27
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: 41S43/0
Engine: 455 CID
Transmission: 3-speed automatic
Exhaust Emission Control Systems: Exhaust gas recirculation, early fuel evaporation, and oxidation catalyst.

Models: Buick

Estate Wagon 2-Seat
Estate Wagon 3-Seat
Electra 225 2-Door Hardtop
Electra 225 4-Door Hardtop
Electra Limited 2-Door Hardtop
Electra Limited 4-Door Hardtop
Riviera 2-Door Hardtop

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1975 model vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
41S43/0	0.9	7.3	1.9

Vehicles approved under this Executive Order must conform to all applicable California emission regulations.

SUPERSEDED

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 21 day of August, 1974.

G. C. Hass

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

SUPERSEDED

PG-2680

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1975 MODEL YEAR

Revised: Sept. 16, 1974
Sept. 27, 1974
Oct. 18, 1974
Feb. 3, 1975

[X] PASSENGER CARS [ ] LIGHT DUTY TRUCKS

BUICK DIVISION OF GENERAL MOTORS CORP. EXECUTIVE ORDER NO. A- 6-27 PAGE NO. 1

Engine Family	Vehicle Models (Refer to Attachment for code)	Engine CID	Trans.	Inertia Weight	Distributor Type	Distributor Mfgr. Part No.	Fuel System Type	Fuel System Mfgr. Part No.	Emission Control System Type	Oxidizing Catalyst Part No. Service*	EGR Part No. Service*	Tune-up Specifications Idle RPM	Basic Timing	Idle Mixture
41S43/0	4BR35 4BP69+ (R.C.33)	455	A-3	5500+	HEI C, V	1112894 1112963 (R. C. 146)	4 bbl	7045548 7045541 (R. C. 5)	EGR OC EFE	6498369 No Service	7043438 No Service	600 (Drive)	12°BTDC @600 RPM (Drive)	Factory Preset
41S43/0	4BR45	455	A-3	5500+	HEI C, V	1112894 1112963 (R. C. 146)	4 bbl	7045548 7045541 (R. C. 5)	EGR OC EFE	6498369 No Service	7043438 No Service	600 (Drive)	12°BTDC @ 600 RPM (Drive)	Factory Preset
41S43/0	4CV37 4CV39 4CX37 4CX39	455	A-3	5500	HEI C, V	1112894 1112963 (R. C. 146)	4 bbl	7045548 7045541 (R. C. 5)	EGR OC EFE	6498369 No Service	7043438 No Service	600 (Drive)	12°BTDC @ 600 RPM (Drive)	Factory Preset
41S43/0	4EZ87	455	A-3	5500 5000 (R. C. 56)	HEI C, V	1112894 1112963 (R. C. 146)	4 bbl	7045548 7045541 (R. C. 5)	EGR OC EFE	6498369 No Service	7043438 No Service	600 (Drive)	12°BTDC @ 600 RPM (Drive)	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
R - Replace

REPRODUCED

PG-2680 (Re[illegible]-15-74)

AIR RESOU[illegible]ES BOARD
SUPPLEMENTA[illegible] INFORMATION
1975 MODEL YEAR

Revised: Sept. 16, 1974
Feb. 3, 1975

[X] PASSENGER CARS [ ] LIGHT DUTY TRUCKS

Buick DIVISION OF GENERAL MOTORS CORP. EXECUTIVE ORDER NO. A- 6-27 PAGE NO. 2

Engine Family	Vehicle Models (Refer to Attachment for code)	Engine CID	Trans.	Inertia Weight	Distributor Type	Distributor Mfgr. Part No.	Fuel System Type	Fuel System Mfgr. Part No.	Emission Control System Type	Oxidizing Catalyst Part No. Service*	EGR Part No. Service*	Tune-up Specifications Idle RPM	Basic Timing	Idle Mixture
41S43/0	4BN57 * 4BN69 * 4BP57 * 4BP69 * 4BP67 * 4BN39 * 4BP39 * * (R. C. 5C)	455	A-3	5000	HEI, C, V	1112894 1112963 (R. C. 146)	4 bbl.	7045541	EGR OC EFE	6498369 No Service	7043438 No Service	600 (Drive)	12°BTDC @ 600 RPM (Drive)	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
- [illegible]

Evaporative Control System
- CAN - Charcoal Canister Storage

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

SUPERSEDED

ATTACHMENT I

SUPPLEMENTAL INFORMATION FORM

Executive Order No. A-6-27 Page No. 2

	Model Name	Model Number
Buick	Estate Wagon 2-Seat	4BR35
	Estate Wagon 3-Seat	4BR45
	Estate Wagon Limousine	4BR45
	Electra 225 2 Door Hardtop	4CV37
	Electra 225 4 Door Hardtop	4CV39
	Electra Limited 2 Door Hardtop	4CX37
	Electra Limited 4 Door Hardtop	4CX39
	Riviera 2 Door Hardtop	4EZ87
	LeSabre Hardtop	4BN39
	LeSabre Coupe Hardtop	4BN57
	LeSabre Sedan	4BN69
	LeSabre Custom Hardtop	4BP39
	LeSabre Custom Coupe Hardtop	4BP57
	LeSabre Custom Convertible	4BP67
	LeSabre Custom Sedan	4BP69
	LeSabre 9 Passenger Limousine	4BP69+

Revised 6/9/75

SUPERSEDED