

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-31  
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: 31S43F/0

Engine: 455 CID

Transmission: 3-speed automatic

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

Models: Oldsmobile

Cutlass Hardtop Coupe  
Cutlass 442 Hardtop Coupe  
Cutlass Hardtop Sedan  
Cutlass "S" Hardtop Coupe  
Cutlass Supreme Hardtop Sedan  
Cutlass Salon Hardtop Sedan  
Cutlass Supreme Hardtop Coupe  
Cutlass Salon Hardtop Coupe  
Cutlass Supreme Station Wagon 2-Seat  
Cutlass Supreme Station Wagon 3-Seat  
Cutlass Supreme Vista Cruiser 2-Seat  
Cutlass Supreme Vista Cruiser 3-Seat  
Delta 88 Holiday Sedan  
Delta 88 Hardtop Coupe  
Delta 88 Town Sedan  
Delta 88 Royale Holiday Sedan  
Delta 88 Royale Hardtop Coupe  
Delta 88 Royale Convertible  
Delta 88 Royale Town Sedan

Custom Cruiser Station Wagon 2-Seat  
Custom Cruiser Station Wagon 3-Seat  
Ninety-Eight Hardtop Coupe  
Ninety-Eight Luxury Sedan  
Ninety-Eight Regency Coupe  
Ninety-Eight Regency Sedan

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>
31S43F/0	0.9	2.1	1.7

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 28 day of August, 1974.



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

AIR RESCUE BOARD  
SUPPLEMENTAL INFORMATION  
1975 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			Time-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
31S43F/0	3AF37	455	A3	4500	C, V	1112937	4	7045551	EGR, OC, EFE	6498369	7043521	600 (Drive)	16° BTDC @ 1100 (Neutral)	Factory Preset
	3AG29													
	3AG37													
	3AJ29													
	3AK29													
	3AJ57													
	3AK57													
3AH35	455	A3	5000	C, V	1112937	4	7045551	EGR, OC, EFE	6498369	7043521	600 (Drive)	16° BTDC @ 1100 (Neutral)	Factory Preset	
3AH45														
3AJ35														
3AJ45														
3BL39														
3BL57														
3BL69														
3BN39	455	A3	5000	HEI	1112937	4	7045484	EGR, OC, EFE	6498369	7043521	600 (Drive)	16° BTDC @ 1100 (Neutral)	Factory Preset	
3BN57														
3BN67														
3BN69														
3CV37	455	A3	5000	HEI	1112937	4	7045484	EGR, OC, EFE	6498369	7043521	600 (Drive)	16° BTDC @ 1100 (Neutral)	Factory Preset	
3CX37														

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

Engine Family	Vehicle Models (Refer to Attachment for code)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System		Emission Control System		Tune-up Specifications		Idle Mixture	
					Type	Mfr. Part No.	Type	Mfr. Part No.	Type	Oxidizing Catalyst Part No. Service*	EGR Part No. Service*	Idle RPM		Basic Timing
31S43F/0	3BQ35 3CV39 3CX39	455	A-3	5500	C, V HEI	1112937	4 bbl.	7045551 7045484	EGR, OC, EFE	6498369 Service	7043521 No Service	600 (Drive)	16° BTDC @ 1100 (Neutral)	Factory Preset
31S43F/0	3BQ45 3BR35 3BR45	455	A-3	5500+	C, V HEI	1112937	4 bbl.	7045551 7045484	EGR, OC, EFE	6498369 No Service	7043521 No Service	600 (Drive)	16° BTDC @ 1100 (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

ATTACHMENT I  
SUPPLEMENTAL INFORMATION FORM

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<u>Model Name</u>	<u>Model Number</u>
Oldsmobile Cutlass Hardtop Coupe	3AF37
Cutlass Hardtop Sedan	3AG29
Cutlass "S" Hardtop Coupe	3AG37
Cutlass Supreme Hardtop Sedan	3AJ29
Cutlass Salon Hardtop Sedan	3AK29
Cutlass Supreme Hardtop Coupe, Hurst Olds	3AJ57
Cutlass Salon Hardtop Coupe	3AK57
Cutlass Supreme Station Wagon (2-Seat)	3AH35
Cutlass Supreme Station Wagon (3-Seat)	3AH45
Cutlass Supreme Vista Cruiser (2-Seat)	3AJ35
Cutlass Supreme Vista Cruiser (3-Seat)	3AJ45
Delta 88 Holiday Sedan	3BL39
Delta 88 Hardtop Coupe	3BL57
Delta 88 Town Sedan	3BL69
Delta 88 Royale Holiday Sedan	3BN39
Delta 88 Royale Hardtop Coupe	3BN57
Delta 88 Royale Convertible	3BN67
Delta 88 Royale Town Sedan	3BN69
Ninety-Eight Hardtop Coupe	3CV37
Ninety-Eight Regency Sedan	3CX37
Custom Cruiser Station Wagon (2-Seat)	3BQ35
Ninety-Eight Luxury Sedan	3CV39
Ninety-Eight Regency Sedan	3CX39
Custom Cruiser Station Wagon (3-Seat)	3BQ45
Custom Cruiser Station Wagon (2-Seat)	3BR35
Custom Cruiser Station Wagon (3-Seat)	3BR45
Toronado Custom	3EY57
Toronado Custom Brougham	3EZ57

Revised: 9-16-74  
01-27-75

## ATTACHMENT I

## SUPPLEMENTAL INFORMATION FORM

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	<u>Model Name</u>	<u>Model Number</u>
Oldsmobile	Cutlass Hardtop Coupe, Cutlass 442 Hardtop Coupe	3AF37
	Cutlass Hardtop Sedan	3AG29
	Cutlass "S" Hardtop Coupe, Cutlass 442 Hardtop Coupe	3AG37
	Cutlass Supreme Hardtop Sedan	3AJ29
	Cutlass Salon Hardtop Sedan	3AK29
	Cutlass Supreme Hardtop Coupe	3AJ57
	Cutlass Salon Hardtop Coupe	3AK57
	Cutlass Supreme Station Wagon (2-Seat)	3AH35
	Cutlass Supreme Station Wagon (3-Seat)	3AH45
	Cutlass Supreme Vista Cruiser (2-Seat)	3AJ35
	Cutlass Supreme Vista Cruiser (3-Seat)	3AJ45
	Delta 88 Holiday Sedan	3BL39
	Delta 88 Hardtop Coupe	3BL57
	Delta 88 Town Sedan	3BL69
	Delta 88 Royale Holiday Sedan	3BN39
	Delta 88 Royale Hardtop Coupe	3BN57
	Delta 88 Royale Convertible	3BN67
	Delta 88 Royale Town Sedan	3BN69
	Ninety-Eight Hardtop Coupe	3CV37
	Ninety-Eight Regency Coupe	3CX37
	Ninety-Eight Luxury Sedan	3CV39
	Ninety-Eight Regency Sedan	3CX39
	Custom Cruiser Station Wagon (2-Seat)	3BQ35
	Custom Cruiser Station Wagon (3-Seat)	3BQ45
	Custom Cruiser Station Wagon (2-Seat)	3BR35
	Custom Cruiser Station Wagon (3-Seat)	3BR45