State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-2

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;

IT IS ORDERED AND RESOLVED: That General Motors Corporation exhaust emission control systems for 1973-model year light-duty motor vehicles are approved for the engine families described below:

Engine Family 201 with "AIR/EGR"

Engine Size - 350 and 400 CID

Pontiac Models:

Luxury Lemans	Ventura
Lemans Sport Coupe	Ventura Hatchback
Lemans Deluxe Safari	Ventura Custom
Lemans Safari	Ventura Sprint
Lemans	Firebird
Catalina	Esprit
	Formula

Engine Family 201 with "EM/EGR"

Engine Size - 400 CID

Pontiac Models:

Grand Am	Catalina Safari
Luxury Lemans	Ventura
Lemans Sport Coupe	Ventura Hatchback
Lemans Deluxe Safari	Ventura Custom
Lemans Safari	Ventura Sprint
Lemans	Firebird
Catalina	Esprit
Bonneville	Formula

EXECUTIVE ORDER A-6-2 General Motors Corporation

Engine Family 301 with "EM/EGR"

Engine Size - 350 CID

Oldsmobile Models:

Omega, Cutlass, Cutlass S, Cutlass Supreme, Cutlass Salon, Cutlass Supreme Vista Cruiser Delta 88, Delta 88 Royale.

Engine Family 401 with "AIR/EGR"

Engine Size - 350 CID

Buick Models:

Century, Century Luxus, Regal, Gran Sport 350, LeSabre, LeSabre Custom, Centurian.

Section 39152, Part I, Division 26 of the California Health and Safety Code requires that a decal be affixed to the side window which discloses the highest emissions from the certification fleet for that vehicle for which approval has been granted by the Board.

The following are the recommended values to be listed on the decal:

Engine Family	Hydrocarbons gms/mi	Carbon Monoxide gms/mi	Nitrogen Oxides gms/mi
GM 201	3.1	39	3.0
GM 301	2.7	29	2.7
GM 401	2.9	28	2.8

These values are in effect until January 30, 1973. After this date, the exhaust emissions for each vehicle determined by factory assembly-line tests in accordance with the "Assembly-Line Test Procedure for 1973 and Subsequent Model Light-Duty Vehicles" must be shown on a decal.

Section 3 of the above procedure requires the manufacturer to submit, before the start of a model-year, a list of the items to be functionally checked and the procedure, including instrumentation, for performing these checks.

In accordance with Section III E. of the California Exhaust Emission Standards and Test Procedures for 1973 through 1976 Models Gasoline-Powered Light-Duty Motor Vehicles, the manufacturer is required to inform the ARB of any production changes which will affect emissions.

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Supplemental information sheets are attached to this letter which include tune-up specifications and emission control system data.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair of the Department of Consumer Affairs will be notified of this approval by copy of this order and attachment.

Executed at Sacramento, California, this 28th day of August 1972.

JOHN A. MAGA
Executive Officer

AIR RESOURCES BOARD
SUPPLEMENTARY INFORMATION
1973 Model-Year
Light Duty Vehicles

MANUFACTURER: GENERAL MOTORS - Pontiac Division

EXECUTIVE ORDER A-6-2

Vehicle Model	Engine C.I.D.	Carburetor No. of Venturi	Trans-mission	Engine Family	Inertia Weight	Tune-up Specifications: Idle RPM	Tune-up Specifications: Basic Timing	Tune-up Specifications: Idle CO or AFR**
1/ 2/ 3/	350	2	M	201	4000 4500 5000	900 in Neutral	10° BTDC @ 600 RPM in Neutral	Preset at Factory
1/ 2/ 3/			A		4000 4500 5000	650 in Drive	12° BTDC	
5/ 6/ 7/ 8/	400	2	A		4000 4500 5000 5500	650 in Drive	12° BTDC	

See Page 2 For Legend

M - Manual Transmission
A - Automatic Transmission

** Absence of PLC may be a violation of Vehicle Code Section 27156

See other side for additional information.

AIR POLLUTION CONTROL
SUPPLEMENTAL INFORMATION
1973 Model-Year
Light Duty Vehicles

MANUFACTURER: GENERAL MOTORS - PONTIAC DIVISION

EXECUTIVE ORDER A-6-2

Model	Engine C.I.D.	Carburetor No. of Venturi	Transmission	Distributor Make & No.	Type Adv.*	Carburetor Make & No.	Emission Control System: Exhaust	NOx	Evap.	Other
1/, 2/, 3/	350	2	M	Delco-Remy 1112202 1112236(EMC)	C-V	Rochester 7043071	AIR	EGR	Canister	TSS TDS PLC
1/, 2/, 4/			A	Delco-Remy 1112201 1112234(EMC)		Rochester 7043063				
5/, 6/, 7/, 8/	400	2	A	Delco-Remy 1112199 1112237(EMC)	C-V	Rochester 7043061 # 7043067 +	EM # AIR +	EGR	Canister	TSS TDS PLC

Model Legend:

1/ Firebird, Esprit, Firebird Formula, Ventura
2/ Lemans, Lemans, Lemans Luxury, Lemans Sport
3/ Lemans Wagon
4/ Lemans Wagon, Catalina
5/ Firebird, Esprit
6/ Lemans, Lemans Luxury, Lemans Sport, Grand Am
7/ Catalina, Bonneville, Lemans Wagon
8/ Safari

M - Manual Transmission
A - Automatic Transmission

* C - Centrifugal
V - Vacuum
VR - Vacuum retard

EM - Engine Modification
AIR - Air Injection
EGR - Exhaust Gas Recirculation
TSS - Temperature Sensing Switch
TDS - Time Delay Switch
PLC - Plastic Limiter Caps on Idle Mixture Screw

Applicable to Models 5/, 6/, Lemans Wagon

+ Applicable to Models 8/, Catalina, Bonneville

THE MOTOR VEHICLE BOARD
CERTIFICATION DIVISION
1973 Model-Year
Light Duty Vehicles

MANUFACTURER: GENERAL MOTORS - OLDSMOBILE DIVISION

EXECUTIVE ORDER A-6-2

Vehicle Model	Engine C.I.D.	Carburetor No. of Venturi	Transmission	Engine Family	Inertia Weight	Tune-up Specifications: Idle RPM	Tune-up Specifications: Basic Timing	Tune-up Specifications: Idle CO **
1/ 2/ 3/	350	4	M	301	4000 4500 5000	1100 in Neutral	8° BTDC	Preset at Factory
1/ 3/ 5/			A		4000 4500 5000	650 in Drive	12° BTDC @ 1100 RPM in Neutral #	
4/		2	A		5000	700 in Drive	12° BTDC 1100 RPM in Neutral	
1/ 6/			A		4000 4500	700 in Drive	14° BTDC @ 1100 RPM in Neutral	

See Page -4- For Legend

M - Manual Transmission
A - Automatic Transmission

** Absence of PLC may be a violation of Vehicle Code Section 27156.

Vista Cruiser has basic timing of 10° BTDC

See other side for additional information.

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1973 Model-Year
Light Duty Vehicles

MANUFACTURER: GENERAL MOTORS - OLDSMOBILE DIVISION

EXECUTIVE ORDER A-6-2

Model	Engine C.I.D.	Carburetor No. of Venturi	Trans-mission	Distributor Make & No.	Type Adv.*	Carburetor Make & No.	Emission Control System: Exhaust	NOx	Evap.	Other
1/, 2/, Cutlass Supreme	350	4	M	Delco-Remy 1112222	C-V	Rochester 7043257 7043255 #	EM	EGR	Canister	TSS TDS PLC
3/, Vista Cruiser			A	Delco-Remy 1112195 1112225 +		Rochester 7043250 7043256 +				
4/		2	A	Delco-Remy 1112226		Rochester 7043152				
1/, 2/			A	Delco-Remy 1112226		Rochester 7043154				

Model Legend:
1/ Omega
2/ Cutlass, Cutlass S, Cutlass Supreme
3/ Cutlass, Cutlass S, Cutlass Supreme, Cutlass Salon
4/ Delta 88, Delta 88 Royale
5/ Cutlass Supreme, Vista Cruiser
6/ Cutlass, Cutlass S

M - Manual Transmission
A - Automatic Transmission

* C - Carburetion
V - Spark
VR - Vacuum Retard

EM - Engine Modification
EGR - Exhaust Gas Recirculation
TSS - Temperature Sensing Switch
TDS - Time Delay Switch
PLC - Plastic Limiter Caps on Idle Mixture Screw

Applicable to Omega Only
+ Applicable to Models 3/ with 3.23 axle and Vista Cruiser

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[illegible] EMISSIONS
1973 Model-Year
Light Duty Vehicles

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EXECUTIVE ORDER A-6-2

Vehicle Model	Engine C.I.D.	Carburetor No. of Venturi	Transmission	Engine Family	Inertia Weight	Tune-up Specifications		
						Idle RPM	Ignite Timing	Idle CO or PLC**
Century, Century Luxury, Regal, Gran Sport	350	2 & 4	M	401	4500	800 in Neutral	4° BTDC @ 800 RPM in Neutral	Preset at Factory
Century, Century Luxury, Regal LeSabre, LeSabre Custom, Centurian			A		4500 5000	650 in Drive	4° BTDC @ 650 RPM in Drive	

See Page 6 for Legend

M - Manual Transmission
A - Automatic Transmission

** Absence of PLC may be a violation of Vehicle Code Section 27156

See other side for additional information.

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1973 Model-Year
Light Duty Vehicles

MANUFACTURER: GENERAL MOTORS - BUICK DIVISION

EXECUTIVE ORDER A-6-2

Model	Engine C.I.D.	Carburetor No. of Venturi	Trans-mission	Distributor Make & No.	Type Adv.*	Carburetor Make & No.	Emission Control System: Exhaust	NOx	Evap.	Other
Century, Century Luxus, Regal, Gran Spott	350	2 & 4	M	Delco-Remy 1112109	C-V	Rochester 7043143(2V) 7043245(4V)	AIR	EGR	Canister	TSS PLC
Century, Century Luxus, Regal, LeSabre, LeSabre Custom, Centurion			A			Rochester 7043142(2V) 7043244(4V)				

AIR - Air Injection
EGR - Exhaust Gas Recirculation
TSS - Temperature Sensing Switch
M - Manual Transmission
A - Automatic Transmission
PLC - Plastic Limiter Caps on Idle Mixture Screw

* C - [illegible]
V - [illegible]
VR - [illegible]