State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-87-1
Relating to Certification of New Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 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 1977 model-year passenger cars are certified for the engine family described below:

Engine Family: 710Y2V
Engine: 305 CID
Transmission: 3-Speed Automatic
Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation, Early Fuel Evaporation, Oxidation Catalyst

Models: Chevrolet

Monza Towne Coupe
Monza 2 + 2
Impala 4 Door Sedan
Caprice Classic 4 Door Sedan
Impala 2 Door Coupe
Caprice Classic 2 Door Coupe
Nova 2 Door Coupe
Nova 2 Door Hatchback Coupe
Nova 4 Door Sedan
Nova Concours 2 Door Coupe
Nova Concours 2 Door Hatchback Coupe
Nova Concours 4 Door Sedan

Camaro

Camaro "Type LT"

Oldsmobile

Starfire
Starfire SX

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1977 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
710Y2V	0.31	3.5	1.1

BE IT FURTHER RESOLVED: That this certification is contingent upon General Motors Corporation affixing a permanent catalyst overheat warning label on the driver's sun-visor of all catalyst-equipped vehicles. This label must be approved by the Executive Officer.

BE IT FURTHER RESOLVED: That this certification is also contingent upon General Motors Corporation listing in the owner's manual the operating cautions associated with a catalyst-equipped vehicle. This listing must be approved by the Executive Officer.

Vehicles certified 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.

Executive Order A-6-87, dated August 12, 1976 is hereby rescinded.

Executed at El Monte, California, this 17 day of November, 1976.

G. C. Hass, Chief
Vehicle Emissions Control Division

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET - GM FORMAT

(X) Passenger Cars ( ) Light-Duty Trucks

Manufacturer GENERAL MOTORS CORPORATION Executive Order No. A-6-87-1 Page 1

Engine Family 710Y2V Engine (CID) 305 Transm. A-3

Emission Control System AI,EGR,EFE,OC +10% (A/C) Yes (X) No ( )

Divisions	Basic Body	Trim	Body Type	Transmission Code	Inertia Weight	Distributor Type HEI C,V Mfgr. Part Number	Fuel System Type 1-2V RPD/Bay City Mfgr. Part Number	EGR System Part No. Service*	Engine Code	Tune-Up Label Ident. & Page No.
1	H		07	20	3500	Delco-Remy 1103244	17057405	7044303	1, 1A	LD 2
1	H		27	26			17057425			WU 3
1	H		07	20			17057404		2, 2A	
1	H		27	26			17057422			
1 3	H		07	20			17057405	7044305	7, 7A	
1	H		27	26			17057425			
1 3	H		07	20			17057404		8, 8A	
1	H		27	26			17057422			
1	B		47	9A, 23A, 25 or 27	4000		17057410		3, 3A	AW 2
1	B		69				17057426			WT 3
1	X		17	9A, 23A, or 25			17057410			
1	X		27							
1	X		69							
1	F		87	9A			17057414			
1	B		47	9A, 23 A, 25 or 27			17057408		4, 4A	
1	B		69				17057428			
1	X		17	9A, 23A or 25			17057408			
1	X		27							
1	F		87	9A			17057412			

Comments

See page 2 for model codes and names.

Date of Issue 081876. Distrib. PN correct, 3H 07 added by RC 71-93, Code 25 trans. added by RC 71-119, format revised, original page 2 deleted 111576. Trans. codes 26 and 27 added by RC 71-151 & 152 on 112376. Carburetor part numbers revised for Trans. codes 26 and 27 per RC 71-151 & 152 (Corrected) on 010377. Suffix A engine codes, labels WT, WU, page 3 added per RC 71-173 on 012877.

Abbreviations

Distributor
C-Centrifugal Advance
V-Vacuum Advance
HEI-High Energy Ignition
EI-Electronic Ignition

Fuel System
EFI, Electronic Fuel Injection

Exhaust Emission Control System
AI-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance Control
FI-Fuel Injection
OC-Oxidation Catalyst

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

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

⊗ Passenger Cars ○ Light-Duty Trucks

Manufacturer General Motors Corporation Executive Order No. A-6-87-1 Page 2

Engine Family 71OY2V

Model Code Breakdown:

1 B N 47

Division — Basic Body — Trim — Body Type

Division	Basic Body	Trim	Body Type		
1				CHEVROLET	
	B	N	47	Caprice Classic	2 Door Coupe
		L	47	Impala	2 Door Coupe
		L	69	Impala	4 Door Sedan
		N	69	Caprice Classic	4 Door Sedan
	F	Q	87	Camaro	
		S	87	Camaro "Type LT"	
	H	R	07	Monza 2 + 2	
		M	27	Monza Towne Coupe	
1	X	X	17	Nova	2 Door Hatchback Coupe
		Y	17	Nova Concours	2 Door Hatchback Coupe
		X	27	Nova	2 Door Coupe
		X	69	Nova	4 Door Sedan
		Y	69	Nova Concours	4 Door Sedan
3				OLDSMOBILE	
	H	T	07	Starfire	
		O	07	Starfire SX	

VEHICLE EMISSION CONTROL LABEL

AW
305 CU. IN.
2 BBL. CARB.
71OY2V

VEHICLE EMISSION CONTROL INFORMATION
GENERAL MOTORS CORPORATION

CATALYST
AIR-EGR-EFE
LOW ALTITUDE CERTIFICATION

	TRANSMISSION
	AUTOMATIC
TIMING (° BTC @ RPM)	6° @ 500
SPARK PLUG GAP (IN.)	0.045
CURB IDLE SPEED (RPM)	500 (DR)
SOLENOID ASM. ADJUSTMENT WITH AIR COND. (RPM)	650 (DR)

MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE FULL OPEN, AIR CLEANER INSTALLED, AND AIR CONDITIONING OFF, EXCEPT WHERE NOTED.

SET PARKING BRAKE AND BLOCK DRIVE WHEELS.

1. DISCONNECT AND PLUG VACUUM HOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPECIFIED RPM. UNPLUG AND RECONNECT VACUUM HOSE AT DISTRIBUTOR.
2. ADJUST CARBURETOR SPEED SCREW TO OBTAIN SPECIFIED CURB IDLE SPEED
3. WITH AIR COND.: DISCONNECT ELECTRICAL LEAD FROM AIR COND. COMPRESSOR. WITH AIR COND. SWITCH ON AND SOLENOID FULLY EXTENDED, ADJUST SOLENOID SCREW TO SPECIFIED RPM. RECONNECT COMPRESSOR LEAD.

NOTE IDLE MIXTURE SCREWS ARE PRESET AND CAPPED AT FACTORY — DO NOT BREAK CAPS — ADJUSTMENT DURING TUNE UP IS NOT RECOMMENDED.

FOR MAJOR REPAIR, ADJUSTING MIXTURE SETTING BY OTHER THAN APPROVED SERVICE MANUAL PROCEDURE MAY VIOLATE FEDERAL AND/OR CALIFORNIA OR OTHER STATE LAWS.

SEE SERVICE MANUAL FOR ADDITIONAL INFORMATION.

PRINTED IN U.S.A. THIS VEHICLE CONFORMS TO U.S. E.P.A., AND WHERE APPLICABLE CALIFORNIA, REGULATIONS APPLICABLE TO 1977 MODEL YEAR NEW MOTOR VEHICLES. PT. NO. 460123

LD
305 CU. IN.
2 BBL. CARB.
71OY2V

VEHICLE EMISSION CONTROL INFORMATION
GENERAL MOTORS CORPORATION

CATALYST
AIR-EGR-EFE
LOW ALTITUDE CERTIFICATION

	TRANSMISSION
	AUTOMATIC
TIMING (° BTC @ RPM)	6° @ 500
SPARK PLUG GAP (IN.)	0.045
CURB IDLE SPEED (RPM)	500 (DR)
SOLENOID ASM. ADJUSTMENT WITH AIR COND. (RPM)	700 (DR)

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Was page 3 and last page, Olds models added by RC 71-93, Concours model names corrected 111576.

Discard page 3 and last page issued with 081876 sheets.

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[X] Passenger Cars [ ] Light-Duty Trucks

Engine Family 710Y2V Executive Order No. A-6-87-1 **Page** 3

WU
~~LD~~
305 CU. IN.
2 BBL. CARB.
710Y2V

VEHICLE EMISSION CONTROL INFORMATION

GENERAL MOTORS CORPORATION

CATALYST
AIR-EGR-EFE
LOW ALTITUDE CERTIFICATION

	TRANSMISSION
	AUTOMATIC
TIMING (° BTC @ RPM)	8° ✗ @ 500
SPARK PLUG GAP (IN.)	0.045
CURB IDLE SPEED (RPM)	500 (DR)
SOLENOID ASM. ADJUSTMENT WITH AIR COND. (RPM)	700 (DR)

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SET PARKING BRAKE AND BLOCK DRIVE WHEELS.

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2. ADJUST CARBURETOR SPEED SCREW TO OBTAIN SPECIFIED CURB IDLE RPM.
3. WITH AIR COND.: DISCONNECT ELECTRICAL LEAD FROM AIR COND. COMPRESSOR. WITH AIR COND. SWITCH ON AND SOLENOID FULLY EXTENDED, ADJUST SOLENOID SCREW TO SPECIFIED RPM. RECONNECT COMPRESSOR LEAD.

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469592

WT
~~AW~~
305 CU. IN.
2 BBL. CARB.
710Y2V

VEHICLE EMISSION CONTROL INFORMATION

GENERAL MOTORS CORPORATION

CATALYST
AIR-EGR-EFE
LOW ALTITUDE CERTIFICATION

	TRANSMISSION
	AUTOMATIC
TIMING (° BTC @ RPM)	8° ✗ @ 500
SPARK PLUG GAP (IN.)	0.045
CURB IDLE SPEED (RPM)	500 (DR)
SOLENOID ASM. ADJUSTMENT WITH AIR COND. (RPM)	650 (DR)

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469591

EMISSION CONTROL INFORMATION AFTER RC 71-173

Label Locations:

"F" and "X" Bodies - on sheet metal over radiator support. Just left of center.
"B" Body - on left inner fender in engine compartment.
"Monza" Body - on radiator support, left side of vehicle.

Page 3 added per RC 71-173, on 012877.