

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-128
Relating to Certification of New Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That General Motors Corporation exhaust emission control systems for 1978 model-year passenger cars are certified for the vehicles described below:

Engine Family: 820X6EU
Engine: 151 CID
Transmission: 3-Speed automatic
Exhaust Emission Control System: Three-Way Catalyst, Exhaust Gas Recirculation, Early Fuel Evaporation

Models and Engine Codes as listed in attachment.

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1978 model-year 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>
820X6EU	.38	5.7	1.2

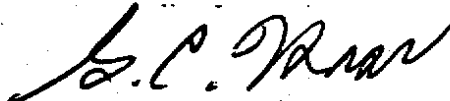
BE IT FURTHER RESOLVED: That the above models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (13 California Administrative Code, Section 2290) for the aforementioned model year, or have been granted a temporary exemption from the aforementioned "Specifications" by Executive Order AA-6 series.

BE IT FURTHER RESOLVED: That the above models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-powered Motor Vehicles except Motorcycles".

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.

Executed at El Monte, California, this 27 day of September, 1977.



G. C. Hass, Chief
Vehicle Emissions Control Division

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-128-1
Relating to Certification of New Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That General Motors Corporation exhaust emission control systems for 1978 model-year passenger cars are certified for the vehicles described below:

Engine Family: 820X6EU
Engine: 151 CID
Transmission: 4-Speed Manual
Exhaust Emission Control System: Three-Way Catalyst, Exhaust Gas Recirculation, Early Fuel Evaporation

Models and Engine Codes as listed in attachment.

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1978 model-year 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>
820X6EU	.38	5.7	1.2

BE IT FURTHER RESOLVED: That the above models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (13 California Administrative Code, Section 2290) for the aforementioned model year, or have been granted a temporary exemption from the aforementioned "Specifications" by Executive Order AA-6 series.

BE IT FURTHER RESOLVED: That the above models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-powered Motor Vehicles except Motorcycles".

GENERAL MOTORS CORPORATION

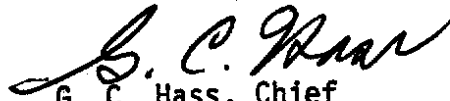
EXECUTIVE ORDER A-6-128-1
(Page 2 of 2)

These vehicles are in addition to those previously certified for this engine family.

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.

Executed at El Monte, California, this 16 day of January, 1978.



G. C. Hass, Chief
Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET-GM FORMAT

Manufacturer GENERAL MOTORS CORPORATION Executive Order No. A-6-128 Page 1

Engine Family 820X6EU Engine (CID) 151

ABBREVIATIONS

<u>Distributor</u>	<u>Exhaust Emission Control</u>	<u>ESAC-Electronic Spark</u>
C-Centrifugal Advance	AI-Air Injection	Advance Control
V-Vacuum Advance	CAI-Catalyst Air Injection	OC-Oxidation Catalyst
VR-Vacuum Retard	EFI-Electronic Fuel Injection	OS-Oxygen Sensor
HEI-High Energy Ignition	EGR-Exhaust Gas Recirculation	PAI-Pulse Air Injection
<u>Fuel System</u>	EM-Engine Modification	TC-Turbo Charged
EFI	EFE-Early Fuel Evaporation	TWC-Three Way Catalyst
nV-nVenturi Carburetor		

DIVISION	BASIC BODY	TRIM	BODY TYPE
1			<u>CHEVROLET</u>
	H	M	07 Monza 2 + 2 Hatchback Coupe
	H	R	07 Monza 2 + 2 Sport Hatchback Coupe
	H	M	15 Monza Station Wagon
	H	M	27 Monza Coupe
	H	R	27 Monza Sport Coupe
	H	M	77 Monza "S" Hatchback Coupe
2			<u>PONTIAC</u>
	H	M	07 Sunbird Sport Hatchback Coupe
	H	M	15 Sunbird Sport Safari Station Wagon
	H	E	27 Sunbird Coupe
	H	M	27 Sunbird Sport Coupe
3			<u>OLDSMOBILE</u>
	H	D	07 Starfire SX
	H	T	07 Starfire

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET - GM FORMAT

Passenger Cars

Manufacturer: General Motors Corporation

Executive Order No. A-6-128 Pg. 2

Engine Family 820X6EU Engine (CID) 151 Transm. _____

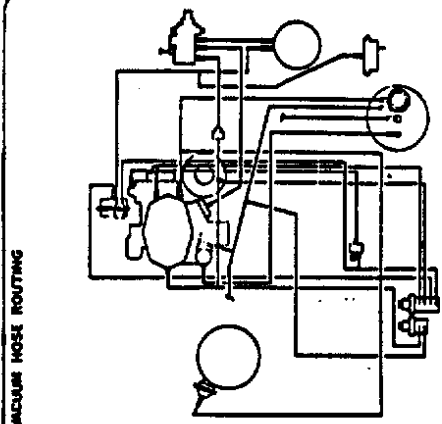
Exhaust Emission Control System EGR,TWC,EFE +10% (A/C) Yes No

Eng. Code	Air Cond.	Distrib. Type HEI C,V Mfgr. Part No.	Fuel System 2V Mfgr. Part No.	EGR System Part No. Service	Inertia Wt. Class	Divisions	Basic Body	Trim	Body Type	Trans- mission	Tune-up Label & Page No.	Rev. Notes	
1	W	Delco Remy 1103365	Holley 10001056	17057175 No Service	3000	123 12 12 1	H H H H		07 15 27 77	A-3	RK 3		
2	W/O		10001058			123 12 12 1	H H H H		07 15 27 77		RJ 3		
3	W		10005604	17061701			123 1 12 1	H H H H		07 15 27 77	M-4	TL or TN	4 A
4	W/O		10005603				123 12 12 1	H H H H		07 15 27 77		TK or TM	4 A

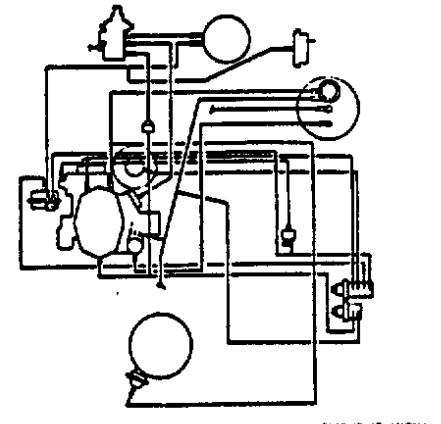
Comments Some models have special road load HP settings. See page one for abbreviations.

Date of Issue: 092777. Revisions: A. E.C. 3 & 4 added by RC82-135, on 010978.

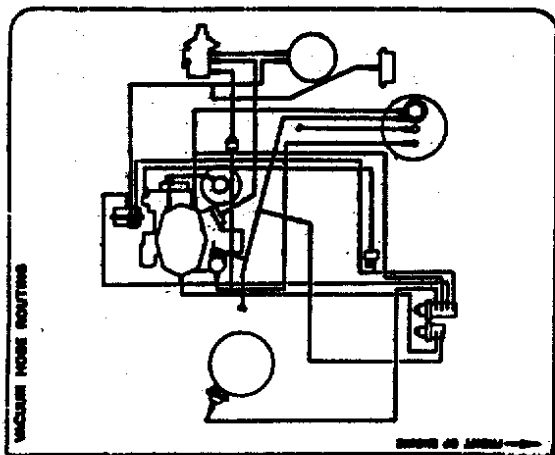
<p>RJ</p> <p>151 CU. IN. 820XGEU 8BEV</p>	<p>VEHICLE EMISSION CONTROL INFORMATION</p> <p>GENERAL MOTORS CORPORATION</p>	<p>GM</p> <p>LOW ALTITUDE CERTIFICATION</p>	<p>CATALYST</p> <p>AUTO TRANSMISSION</p>
<p>SET PARKING BRAKE AND BLOCK DRIVE WHEELS. REMOVE AIR CLEANER, PLUG THERMIC VACUUM SOURCE, AND START ENGINE. MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE. CHOKER OPEN, MANUAL TRANSMISSION IN NEUTRAL, AUTOMATIC TRANSMISSION IN DRIVE, UNLESS OTHERWISE NOTED.</p>			
<p>1. DISCONNECT AND PLUG THE VACUUM ADVANCE HOSE AT DISTRIBUTOR. 2. SET TO SPECIFIED TIMING AT OR BELOW RECOMMENDED IDLE SPEED. 3. RECONNECT VACUUM ADVANCE HOSE EXCEPT 400 CU. IN. MANUAL TRANS. VEHICLES. 4. DISCONNECT PURGE HOSE AT CARBURETOR (PLUG HOSE ON 151 CU. IN. ENGINE). 5. DISCONNECT IDLE SOLENOID, IF SO EQUIPPED. SET CARB SCREW TO OBTAIN SPECIFIED RPM - SOLENOID INACTIVE. 6. IF SOLENOID EQUIPPED: CONNECT SOLENOID AND OPEN THROTTLE MOMENTARILY TO ASSURE SOLENOID IS FULLY EXTENDED. SET SOLENOID SCREW TO OBTAIN SPECIFIED RPM - SOLENOID ACTIVE. 7. RECONNECT DISTRIBUTOR VACUUM HOSE ON 400 CU. IN. ENGINE MANUAL TRANS. VEHICLES. 8. PLACE AUTOMATIC TRANSMISSION IN PARK. 9. DISCONNECT AND PLUG EGR VACUUM HOSE AT EGR VALVE. 10. ADJUST FAST IDLE SCREW ON TOP CAM STEP TO OBTAIN SPECIFIED RPM. 11. STOP ENGINE. REMOVE HOSE PLUGS, REPLACE AIR CLEANER, RECONNECT ALL HOSES.</p>			
<p>FOR MAJOR REPAIR, ADJUSTING MIXTURE SETTING BY OTHER THAN APPROVED SERVICE MANUAL PROCEDURE MAY VIOLATE FEDERAL AND/OR CALIFORNIA OR OTHER STATE LAWS.</p> <p>SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE II FOR ADDITIONAL INFORMATION. Part 88, 882723</p>			
<p>THIS VEHICLE CONFORMS TO U.S. EPA & CALIFORNIA REGULATIONS APPLICABLE TO 1978 MODEL YEAR NEW MOTOR VEHICLES.</p>			



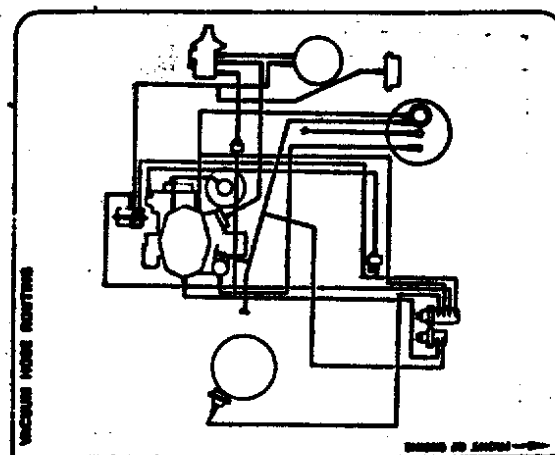
<p>RK</p> <p>151 CU. IN. 820XGEU 8BEV</p>	<p>VEHICLE EMISSION CONTROL INFORMATION</p> <p>GENERAL MOTORS CORPORATION</p>	<p>GM</p> <p>LOW ALTITUDE CERTIFICATION</p>	<p>CATALYST</p> <p>AUTO TRANSMISSION</p>
<p>SET PARKING BRAKE AND BLOCK DRIVE WHEELS. DISCONNECT A/C COMP. CLUTCH CONNECTOR, REMOVE AIR CLEANER, PLUG THERMIC VACUUM SOURCE, AND START ENGINE. MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKER OPEN, A/C OFF, MANUAL TRANSMISSION IN NEUTRAL, AUTOMATIC TRANSMISSION IN DRIVE - UNLESS OTHERWISE NOTED.</p>			
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TK	2.5 LITRE ENGINE TYPE	VEHICLE EMISSION CONTROL INFORMATION GENERAL MOTORS CORPORATION	LOW ALTITUDE CERTIFICATION																													
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Labels TM & TN carry same information as TK & TL in a smaller format.
TK & TL are on Chevrolets. TM & TN are on Pont. & Olds.