State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-137
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 are certified as described below for 1979 model-year gasoline-powered passenger cars:

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
940E2LU	231	Air Injection Exhaust Gas Recirculation Oxidation Catalyst

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1979 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
940E2LU	0.35	5.9	1.2

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

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 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.

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 24th day of August, 1978.

G C Hass by D D Bachmann

G. C. Hass, Chief
Vehicle Emissions Control Division

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer GENERAL MOTORS CORP. Executive Order No. A-6- 137 Page 1

Engine Family 940E2LU Engine (CID) 231

ABBREVIATIONS

Ignition System
CA-Centrifugal Advance
EI-Electronic Ignition
ESAC
VA-Vacuum Advance
VR-Vacuum Retard

Fuel System
EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System
AI-Air Injection
CCAV-Comb. Chamber Air Valve
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification

ESAC-Electronic Spark Advance Control
MFI-Mechanical Fuel Injection

OC-Oxidation Catalyst
PAI-Pulse Air Injection
TC-Turbo Charged
TR-Thermal Reactor
TWC-Three Way Catalyst (Feedback Control)
WOC-Warm-up Oxidation Catalyst

EVAPORATIVE FAMILY 9B3-4

Division	Basic Body	Trim	Body Type	
1				Chevrolet
	A	T	19	Malibu Sedan
			27	Malibu Notchback Coupe
			35	Malibu Station Wagon
		W	19	Malibu Classic Sedan
			27	Malibu Classic Notchback Coupe
			35	Malibu Classic Station Wagon
			80	El Camino Pickup Delivery
			80	Caballero Pickup Delivery (1)
		Z	37	Monte Carlo Sport Coupe
	H	M	07	Monza 2+2 Hatchback Coupe
			15	Monza Station Wagon
			27	Monza Notchback Coupe
			77	Monza "S" Hatchback Coupe
		R	07	Monza 2+2 Sport Hatchback Coupe
			27	Monza Sport Notchback Coupe
2				Pontiac
	A	D	19	LeMans Sedan
			27	LeMans Coupe
			35	LeMans Safari Station Wagon
		F	19	Grand LeMans Sedan
			27	Grand LeMans Coupe
			35	Grand LeMans Safari Station Wagon
		G	19	Grand AM Sedan
			27	Grand AM Coupe
	B	L	37	Catalina Coupe
			69	Catalina Sedan
	F	S	87	Firebird
		T	87	Esprit
	G	J	37	Grand Prix
		K	37	Grand Prix LJ
	H	E	27	Sunbird Coupe
		M	07	Sunbird Sport Hatchback Coupe
			15	Sunbird Sport Safari Station Wagon
			27	Sunbird Sport Coupe
	X	Y	17	Phoenix Hatchback Coupe
			27	Phoenix Coupe
			69	Phoenix Sedan
		Z	27	Phoenix LJ Coupe
			69	Phoenix LJ Sedan
2	G	K	37	added by RC 94-140, on 020279.

(1) Sold as GMC model

Issued 082878.

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Manufacturer GENERAL MOTORS CORP. **Executive Order No.** A-6- 137 **Page** 2

Engine Family 940E2LU **Engine (CID)** 231

3

			Oldsmobile
A	G	09	Cutlass Salon Sedan
		35	Cutlass Cruiser
		87	Cutlass Salon Coupe
	H	35	Cutlass Brougham Cruiser
	J	09	Cutlass Salon Brougham Sedan
		87	Cutlass Salon Brougham Coupe
	K	47	Cutlass Calais Coupe
	M	47	Cutlass Supreme Brougham Coupe
	R	47	Cutlass Supreme Coupe
B	L	37	Delta 88 Coupe
		69	Delta 88 Sedan
	N	37	Delta 88 Royale Coupe
		69	Delta 88 Royale Sedan
H	D	07	Starfire SX
	T	07	Starfire
X	B	17	Omega Hatchback Coupe
		27	Omega Coupe
		69	Omega Sedan
	E	27	Omega Brougham Coupe
		69	Omega Brougham Sedan

4

			Buick
A	E	09	Century Special Sedan
		35	Century Special Wagon
		87	Century Special Coupe
	G	87	Century Sport Coupe
	H	09	Century Custom Sedan
		35	Century Custom Wagon
		87	Century Custom Coupe
	J	47	Regal Coupe
	L	09	Century Limited Sedan
		87	Century Limited Coupe
	M	47	Regal Limited Coupe
B	N	37	LeSabre Coupe
		69	LeSabre Sedan
	P	37	LeSabre Limited Coupe
		69	LeSabre Limited Sedan
H	S	07	Skyhawk
	T	07	Skyhawk "S"
X	B	17	Skylark Hatchback Coupe
		27	Skylark Coupe
		69	Skylark Sedan
	C	17	Skylark Custom Hatchback Coupe
		27	Skylark Custom Coupe
		69	Skylark Custom Sedan
	W	27	Skylark "S" Coupe

Issued: 082878

AIR RESOURCES BOARD 1979 SUPPLEMENTAL DATA SHEET - GM FORMAT
Passenger Cars

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-137 Pg. 4

Engine Family 940E2LU Engine CID 231 Transm. _____

Exhaust Emission Control System AI-EGR-OC +10% (A/C) Yes [X] No [ ]

Eng. Code	Air Cond.	Ign.Syst. EI,CA,VA Dist. Part No.	Fuel System 2V Carb Part No.	EGR Valve Part No.	Inertia Wt. Class	Divisions	Basic Body	Trim	Body Type	Trans-mission	Tune-up Label & Page No.	Rev. Notes
4	W Or WO	Delco Remy 1110767	Rochester 17059498	17060889 17063967	3500	1 1 1 1	H H H H		07 15 27 77	A-3	BR 6	B
						234 234 234 234	H H H H		07 15 27 77		BI 6	
5			17059491	17062426 17063975		1 1 1 1	H H H H		07 15 27 77	M-4, M-5	BY 7	B
						234 234 234 234	H H H H		07 15 27 77		BH 7	
5A						1 1 1 1	H H H H		07 15 27 77		8	A
						234 234 234 234	H H H H		07 15 27 77		8	

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP lists for correct dyno test HP settings based on model, equipment and inertia weight class.

Date of Issue: 082878 Revisions: A.EC 5A added by RC 94-16, on 012979. Labels are same as BY & BH except for deletion of distrib. vacuum delay valve.

B. Opt. EGR valve PNs added by RC 94-165, on 041679.

AIR RESOURCES BOARD 1979 SUPPLEMENTAL DATA SHEET - GM FORMAT
Passenger Cars

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6- 137 Pg. 3

Engine Family 940E2LU Engine CID 231 Transm. A-3

Exhaust Emission Control System AI-EGR-OC +10% (A/C) Yes [X] No [ ]

Eng. Code	Air Cond.	Ign.Syst. EI,CA,VA Dist. Part No.	Fuel System 2V Carb. Part No.	EGR Valve Part No.	Inertia Wt. Class	Divisions	Basic Body	Trim	Body Type	Trans-mission	Tune-up Label & Page No.	Rev. Notes
1	W Or WO	Delco Remy 1110768	Rochester 17059492	17060890 17063968	4000	2 3 4	B		37 69	A-3	BF 5	A
2					3500	2	X	Y	27			
						3	X		17			
									27			
									69			
						4	X		27			
					4000	2	X		17			
							X	Z	27			
							X		69			
						4	X	B	17			
							X		69			
						2	F		87			
3		1110767	17059498	17060889 17063967	3500	1 2 3 4	A		09 19 27 35 37 47 80 87		BV 5	A
							G		37			

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP lists for correct dyno test HP settings based on model, equipment and inertia weight class.

Date of Issue: 082878 Revisions: A. Opt. EGR valve PNs added by RC 94-165, on 041679.

BF 3.8L *940E2LU 9B3-4

VEHICLE EMISSION CONTROL INFORMATION
GENERAL MOTORS CORPORATION

GM

CATALYST
EGR-EFE-RAIR
LOW ALTITUDE CERTIFICATION

		TRANSMISSION
		AUTOMATIC
TIMING (°B.T.D.C. @ RPM)		15° @ 600
SPARK PLUG	TYPE	R45TSX/R46TSX
	GAP	.060 IN.
CARBURETOR SCREW (RPM)		600 (DRIVE)
FAST IDLE SCREW (RPM)		2200 (PARK)

IDLE MIXTURE SCREWS ARE PRESET AND SEALED AT FACTORY. PROVISION FOR ADJUSTMENT DURING TUNE-UP IS NOT PROVIDED.

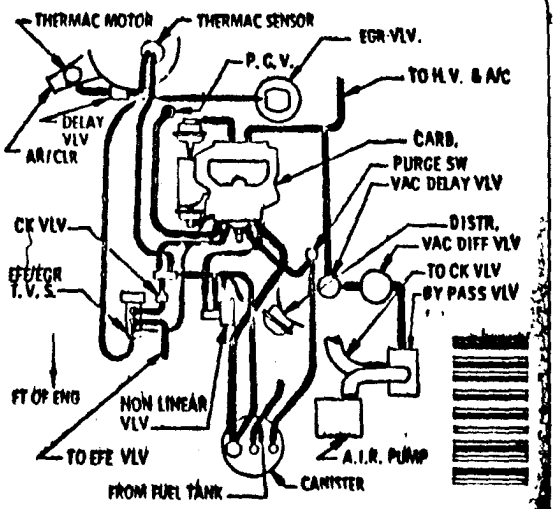
FOR MAJOR REPAIR, ADJUSTING MIXTURE SETTING BY OTHER THAN APPROVED SERVICE MANUAL PROCEDURE MAY VIOLATE FEDERAL AND/OR CALIFORNIA OR OTHER STATE LAWS.

SET PARKING BRAKE AND BLOCK WHEELS

MAKE ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE OPEN, AIR CLEANER ON, AND WHERE APPLICABLE, AIR CONDITIONING OFF. PLUG DISCONNECTED VACUUM FITTINGS AND/OR HOSES.

1. DISCONNECT AND PLUG DISTRIBUTOR VACUUM HOSE, EGR HOSE TO EGR VALVE AND EVAPORATIVE PURGE HOSE TO VAPOR CANISTER.
2. SET TIMING AT SPECIFIED RPM. DISCONNECT THROTTLE SOLENOID WIRE (WHERE APPLICABLE), RECONNECT DISTRIBUTOR VACUUM ADVANCE HOSE.
3. ADJUST CARBURETOR SPEED SCREW TO SPECIFIED RPM.
4. RECONNECT SOLENOID WIRE. MANUALLY EXTEND SOLENOID SCREW AND ADJUST TO SPECIFIED RPM. (WHERE APPLICABLE).
5. WITH TRANSMISSION IN PARK OR NEUTRAL, SET FAST IDLE TO SPECIFIED SPEED ON HIGHEST CAM STEP.
6. RECONNECT CANISTER AND EGR VALVE HOSES.

SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE II FOR ADDITIONAL INFORMATION.



VACUUM HOSE ROUTING

1264991

THIS VEHICLE CONFORMS TO U.S. EPA AND CALIFORNIA REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW PASSENGER CARS.

BV 3.8L *940E2LU 9B3-4

VEHICLE EMISSION CONTROL INFORMATION
GENERAL MOTORS CORPORATION

GM

CATALYST
EGR-EFE-RAIR
LOW ALTITUDE CERTIFICATION

		TRANSMISSION
		AUTOMATIC
TIMING (°B.T.D.C. @ RPM)		15° @ 600
SPARK PLUG	TYPE	R45TSX/R46TSX
	GAP	.060 IN.
CARBURETOR SCREW (RPM)		600 (DRIVE)
FAST IDLE SCREW (RPM)		2200 (PARK)

IDLE MIXTURE SCREWS ARE PRESET AND SEALED AT FACTORY. PROVISION FOR ADJUSTMENT DURING TUNE-UP IS NOT PROVIDED.

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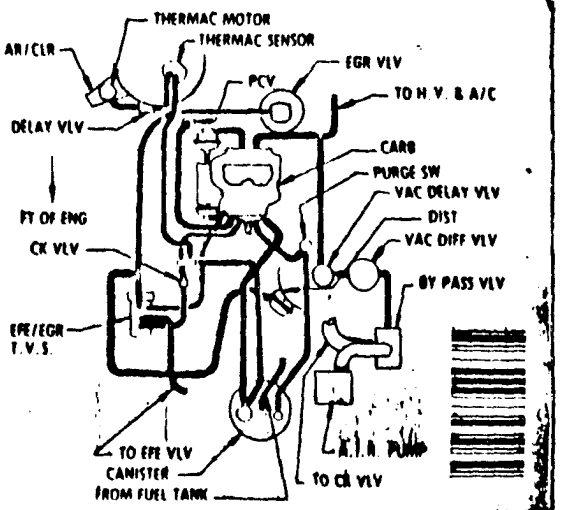
SET PARKING BRAKE AND BLOCK WHEELS

MAKE ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE OPEN, AIR CLEANER ON, AND WHERE APPLICABLE, AIR CONDITIONING OFF. PLUG DISCONNECTED VACUUM FITTINGS AND/OR HOSES.

1. DISCONNECT AND PLUG DISTRIBUTOR VACUUM HOSE, EGR HOSE TO EGR VALVE AND EVAPORATIVE PURGE HOSE TO VAPOR CANISTER.
2. SET TIMING AT SPECIFIED RPM. WITH TRANSMISSION IN PARK OR NEUTRAL, SET FAST IDLE TO SPECIFIED SPEED ON HIGHEST CAM STEP. DISCONNECT THROTTLE SOLENOID WIRE (WHERE APPLICABLE), RECONNECT DISTRIBUTOR VACUUM ADVANCE HOSE.
3. ADJUST CARBURETOR SPEED SCREW TO SPECIFIED RPM.
4. RECONNECT SOLENOID WIRE. MANUALLY EXTEND SOLENOID SCREW AND ADJUST TO SPECIFIED RPM. (WHERE APPLICABLE).
5. RECONNECT CANISTER AND EGR VALVE HOSES.

SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE II FOR ADDITIONAL INFORMATION.



VACUUM HOSE ROUTING

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THIS VEHICLE CONFORMS TO U.S. EPA AND CALIFORNIA REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW PASSENGER CARS.

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Eng. Fam. 940E2LU

Issued: 082878.

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET - GM FORMAT

Manufacturer: General Motors Corporation Executive Order No. A-6-137 Pg. 6

BI 3.8L *940E2LU 9B3-4

VEHICLE EMISSION CONTROL INFORMATION
GENERAL MOTORS CORPORATION

GM

SET PARKING BRAKE AND BLOCK WHEELS

MAKE ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE OPEN, AIR CLEANER ON, AND WHERE APPLICABLE, AIR CONDITIONING OFF. PLUG DISCONNECTED VACUUM FITTINGS AND/OR HOSES.

1. DISCONNECT AND PLUG DISTRIBUTOR VACUUM HOSE, EGR HOSE TO EGR VALVE AND EVAPORATIVE PURGE HOSE TO VAPOR CANISTER.
2. SET TIMING AT SPECIFIED RPM. WITH TRANSMISSION IN PARK, OR NEUTRAL SET FAST IDLE TO SPECIFIED SPEED ON HIGHEST CAM STEP. DISCONNECT THROTTLE SOLENOID WIRE (WHERE APPLICABLE). RECONNECT DISTRIBUTOR VACUUM ADVANCE HOSE.
3. ADJUST CARBURETOR SPEED SCREW TO SPECIFIED RPM.
4. RECONNECT SOLENOID WIRE. MANUALLY EXTEND SOLENOID SCREW AND ADJUST TO SPECIFIED RPM (WHERE APPLICABLE).
5. RECONNECT CANISTER AND EGR VALVE HOSES.

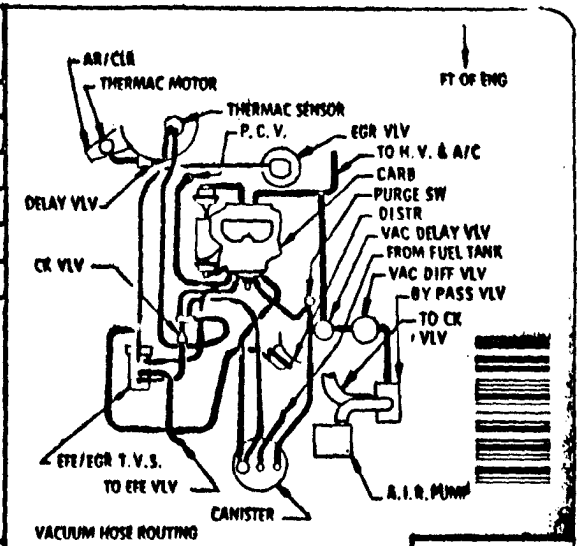
SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE II FOR ADDITIONAL INFORMATION.

CATALYST
EGR-EFE-RAIR
LOW ALTITUDE CERTIFICATION

		TRANSMISSION
		AUTOMATIC
TIMING (°B.T.D.C. @ RPM)		15° @ 600
SPARK PLUG	TYPE	R45TSX/R46TSX
	GAP	.060 IN.
CARBURETOR SCREW (RPM)		600 (DRIVE)
FAST IDLE SCREW (RPM)		2200 (PARK)

IDLE MIXTURE SCREWS ARE PRESET AND SEALED AT FACTORY. PROVISION FOR ADJUSTMENT DURING TUNE-UP IS NOT PROVIDED.

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



THIS VEHICLE CONFORMS TO U.S. EPA AND CALIFORNIA REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW PASSENGER CARS.

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BR 3.8L *940E2LU 9B3-4

VEHICLE EMISSION CONTROL INFORMATION
GENERAL MOTORS CORPORATION

GM

SET PARKING BRAKE AND BLOCK WHEELS

MAKE ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE OPEN, AIR CLEANER ON, AND WHERE APPLICABLE, AIR CONDITIONING OFF. PLUG DISCONNECTED VACUUM FITTINGS AND/OR HOSES.

1. DISCONNECT AND PLUG DISTRIBUTOR VACUUM HOSE, EGR HOSE TO EGR VALVE AND EVAPORATIVE PURGE HOSE TO VAPOR CANISTER.
2. SET TIMING AT SPECIFIED RPM. WITH TRANSMISSION IN PARK OR NEUTRAL SET FAST IDLE TO SPECIFIED SPEED ON HIGHEST CAM STEP. DISCONNECT THROTTLE SOLENOID WIRE (WHERE APPLICABLE), RECONNECT DISTRIBUTOR VACUUM ADVANCE HOSE.
3. ADJUST CARBURETOR SPEED SCREW TO SPECIFIED RPM.
4. RECONNECT SOLENOID WIRE MANUALLY EXTEND SOLENOID SCREW AND ADJUST TO SPECIFIED RPM (WHERE APPLICABLE).
5. RECONNECT CANISTER AND EGR VALVE HOSES.

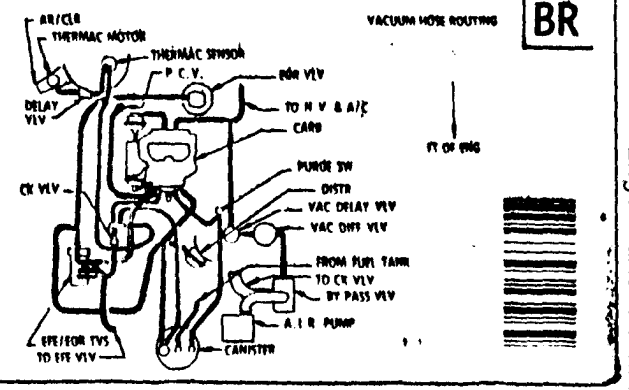
SEE VACUUM HOSE ROUTING DIAGRAM SERVICE MANUAL AND MAINTENANCE SCHEDULE II FOR ADDITIONAL INFORMATION.

CATALYST
EGR-EFE-RAIR
LOW ALTITUDE CERTIFICATION

		TRANSMISSION
		AUTOMATIC
TIMING (°B.T.D.C. @ RPM)		15° @ 600
SPARK PLUG	TYPE	R45TSX/R46TSX
	GAP	.060 IN.
CARBURETOR SCREW (RPM)		600 (DRIVE)
FAST IDLE SCREW (RPM)		2200(PARK)

IDLE MIXTURE SCREWS ARE PRESET AND SEALED AT FACTORY. PROVISION FOR ADJUSTMENT DURING TUNE-UP IS NOT PROVIDED.

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



THIS VEHICLE CONFORMS TO U.S. EPA AND CALIFORNIA REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW PASSENGER CARS.

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E.O. A-6-137 S.D. Sheet 6
Eng. Fam. 940E2LU

Issued: 082878.

BH 3.8L *940E2LU 9B3-4

VEHICLE EMISSION CONTROL INFORMATION
GENERAL MOTORS CORPORATION

GM

SET PARKING BRAKE AND BLOCK WHEELS

MAKE ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE OPEN, AIR CLEANER ON, AND WHERE APPLICABLE, AIR CONDITIONING OFF. PLUG DISCONNECTED VACUUM FITTINGS AND/OR HOSES.

1. DISCONNECT AND PLUG DISTRIBUTOR VACUUM HOSE, EGR HOSE TO EGR VALVE AND EVAPORATIVE PURGE HOSE TO VAPOR CANISTER.
2. SET TIMING AT SPECIFIED RPM. WITH TRANSMISSION IN NEUTRAL, SET FAST IDLE TO SPECIFIED SPEED ON HIGHEST CAM STEP. DISCONNECT THROTTLE SOLENOID WIRE (WHERE APPLICABLE), RECONNECT DISTRIBUTOR VACUUM ADVANCE HOSE.
3. ADJUST CARBURETOR SPEED SCREW TO SPECIFIED RPM.
4. RECONNECT SOLENOID WIRE. MANUALLY EXTEND SOLENOID SCREW AND ADJUST TO SPECIFIED RPM. (WHERE APPLICABLE).
5. RECONNECT CANISTER AND EGR VALVE HOSES.

SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE II FOR ADDITIONAL INFORMATION.

CATALYST
EGR-EFE-RAIR
LOW ALTITUDE CERTIFICATION

		TRANSMISSION
		MANUAL
TIMING (°B.T.D.C. @ RPM)		15° @ 800
SPARK PLUG	TYPE	R45TSX/R46TSX
	GAP	.060 IN.
CARBURETOR SCREW (RPM)		600 (NEUTRAL)
FAST IDLE SCREW (RPM)		2200 (NEUTRAL)
SOLENOID SCREW (RPM)		800 (NEUTRAL)

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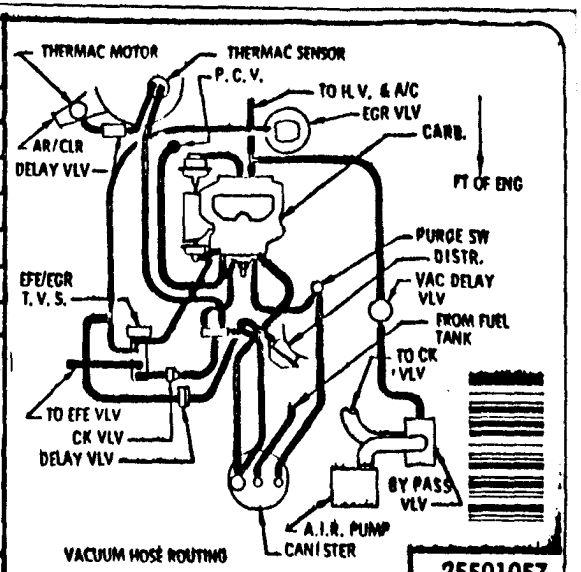
FOR MAJOR REPAIR, ADJUSTING MIXTURE SETTING BY OTHER THAN APPROVED SERVICE MANUAL PROCEDURE MAY VIOLATE FEDERAL AND/OR CALIFORNIA OR OTHER STATE LAWS.



VACUUM HOSE ROUTING

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THIS VEHICLE CONFORMS TO U.S. EPA AND CALIFORNIA REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW PASSENGER CARS.

BY 3.8L *940E2LU 9B3-4

VEHICLE EMISSION CONTROL INFORMATION
GENERAL MOTORS CORPORATION

GM

SET PARKING BRAKE AND BLOCK WHEELS

MAKE ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE OPEN, AIR CLEANER ON, AND WHERE APPLICABLE, AIR CONDITIONING OFF. PLUG DISCONNECTED VACUUM FITTINGS AND/OR HOSES.

1. DISCONNECT AND PLUG DISTRIBUTOR VACUUM HOSE, FOR HOSE TO EGR VALVE AND EVAPORATIVE PURGE HOSE TO VAPOR CANISTER.
2. SET TIMING AT SPECIFIED RPM. WITH TRANSMISSION IN NEUTRAL, SET FAST IDLE TO SPECIFIED SPEED ON HIGHEST CAM STEP. DISCONNECT THROTTLE SOLENOID WIRE (WHERE APPLICABLE), RECONNECT DISTRIBUTOR VACUUM ADVANCE HOSE.
3. ADJUST CARBURETOR SPEED SCREW TO SPECIFIED RPM.
4. RECONNECT SOLENOID WIRE. MANUALLY EXTEND SOLENOID SCREW AND ADJUST TO SPECIFIED RPM.
5. RECONNECT CANISTER AND EGR VALVE HOSES.

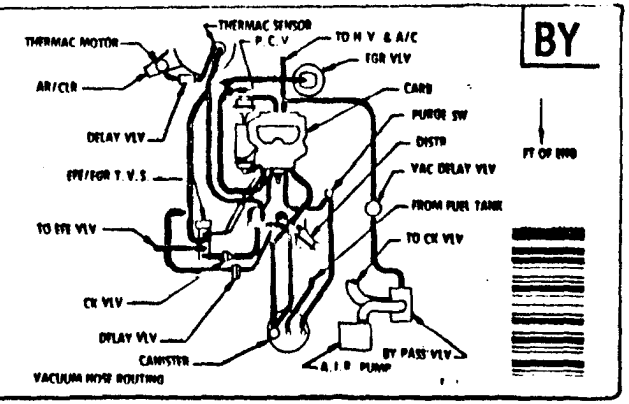
SEE VACUUM HOSE ROUTING DIAGRAM, SERVICE MANUAL AND MAINTENANCE SCHEDULE II FOR ADDITIONAL INFORMATION.

CATALYST
EGR-EFE-RAIR
LOW ALTITUDE CERTIFICATION

		TRANSMISSION
		MANUAL
TIMING (°B.T.D.C. @ RPM)		15° @ 800
SPARK PLUG	TYPE	R45TSX/R46TSX
	GAP	.060 IN.
CARBURETOR SCREW (RPM)		600 (NEUTRAL)
FAST IDLE SCREW (RPM)		2200 (NEUTRAL)
SOLENOID SCREW (RPM)		800 (NEUTRAL)

IDLE MIXTURE SCREWS ARE PRESET AND SEALED AT FACTORY. PROVISION FOR ADJUSTMENT DURING TUNE-UP IS NOT PROVIDED.

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



VACUUM HOSE ROUTING

25501672

THIS VEHICLE CONFORMS TO U.S. EPA AND CALIFORNIA REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW PASSENGER CARS.

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET - GM FORMAT

Manufacturer: General Motors Corporation Executive Order No. A-6-137 Pg. 8

3.8L
940E2LU
9B3-4

VEHICLE EMISSION CONTROL INFORMATION
GENERAL MOTORS CORPORATION

GM

SET PARKING BRAKE AND BLOCK WHEELS

MAKE ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE OPEN, AIR CLEANER ON, AND WHERE APPLICABLE, AIR CONDITIONING OFF. PLUG DISCONNECTED VACUUM FITTINGS AND/OR HOSES.

1. DISCONNECT AND PLUG DISTRIBUTOR VACUUM HOSE, EGR HOSE TO EGR VALVE AND EVAPORATIVE PURGE HOSE TO VAPOR CANISTER.
2. SET TIMING AT SPECIFIED RPM. WITH TRANSMISSION IN NEUTRAL, SET FAST IDLE TO SPECIFIED SPEED ON HIGHEST CAM STEP. DISCONNECT THROTTLE SOLENOID WIRE (WHERE APPLICABLE), RECONNECT DISTRIBUTOR VACUUM ADVANCE HOSE.
3. ADJUST CARBURETOR SPEED SCREW TO SPECIFIED RPM.
4. RECONNECT SOLENOID WIRE. MANUALLY EXTEND SOLENOID SCREW AND ADJUST TO SPECIFIED RPM.
5. RECONNECT CANISTER AND EGR VALVE HOSES.

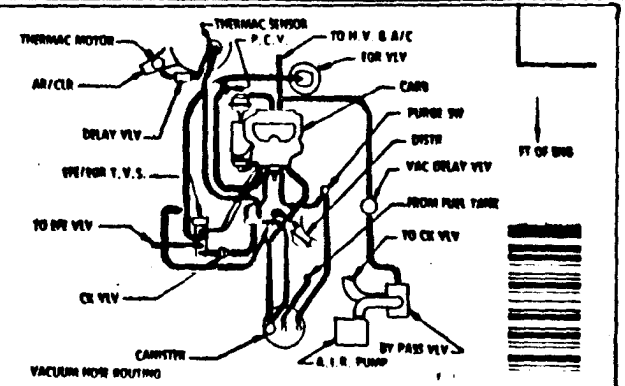
SEE VACUUM HOSE ROUTING DIAGRAM, SERVICE MANUAL AND MAINTENANCE SCHEDULE II FOR ADDITIONAL INFORMATION.

CATALYST
EGR-EFE-RAIR
LOW ALTITUDE CERTIFICATION

		TRANSMISSION
		MANUAL
TIMING (°B.T.D.C. @ RPM)		15° @ 800
SPARK PLUG	TYPE	R45TSX/R46TSX
	GAP	.060 IN.
CARBURETOR SCREW (RPM)		600 (NEUTRAL)
FAST IDLE SCREW (RPM)		2200 (NEUTRAL)
SOLENOID SCREW (RPM)		800 (NEUTRAL)

IDLE MIXTURE SCREWS ARE PRESET AND SEALED AT FACTORY. PROVISION FOR ADJUSTMENT DURING TUNE-UP IS NOT PROVIDED.

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



THIS VEHICLE CONFORMS TO U.S. EPA AND CALIFORNIA REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW PASSENGER CARS.

3.8L
940E2LU
9B3-4

VEHICLE EMISSION CONTROL INFORMATION
GENERAL MOTORS CORPORATION

GM

SET PARKING BRAKE AND BLOCK WHEELS

MAKE ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE OPEN, AIR CLEANER ON, AND WHERE APPLICABLE, AIR CONDITIONING OFF. PLUG DISCONNECTED VACUUM FITTINGS AND/OR HOSES.

1. DISCONNECT AND PLUG DISTRIBUTOR VACUUM HOSE, EGR HOSE TO EGR VALVE AND EVAPORATIVE PURGE HOSE TO VAPOR CANISTER.
2. SET TIMING AT SPECIFIED RPM. WITH TRANSMISSION IN NEUTRAL, SET FAST IDLE TO SPECIFIED SPEED ON HIGHEST CAM STEP. DISCONNECT THROTTLE SOLENOID WIRE (WHERE APPLICABLE), RECONNECT DISTRIBUTOR VACUUM ADVANCE HOSE.
3. ADJUST CARBURETOR SPEED SCREW TO SPECIFIED RPM.
4. RECONNECT SOLENOID WIRE. MANUALLY EXTEND SOLENOID SCREW AND ADJUST TO SPECIFIED RPM. (WHERE APPLICABLE).
5. RECONNECT CANISTER AND EGR VALVE HOSES.

SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE II FOR ADDITIONAL INFORMATION.

CATALYST
EGR-EFE-RAIR
LOW ALTITUDE CERTIFICATION

		TRANSMISSION
		MANUAL
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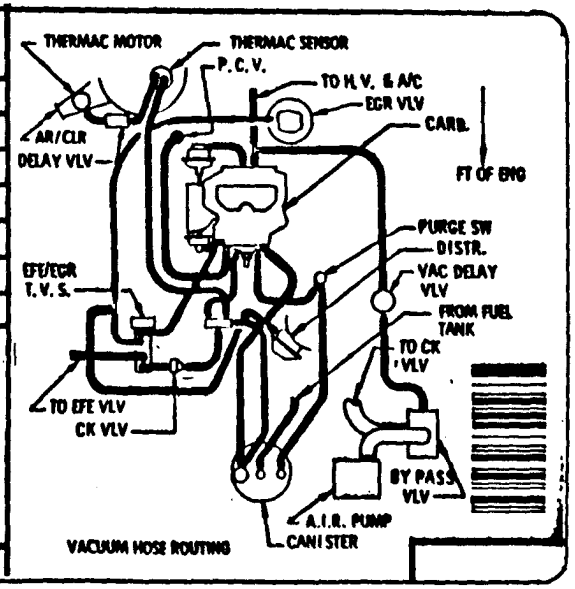

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Issued: 012979.

E.O. A-6-137 S.D. Sheet 8
Engine Fam. 940E2LU