

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-89-2  
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: 730M4AU  
Engine: 403 CID  
Transmission: 3-speed automatic  
Exhaust Emission Control Systems: Air Injection, Exhaust Gas  
Recirculation, Oxidation Catalyst

Models: Buick

Le Sabre Limousine  
Electra Limousine  
Estate Wagon Funeral Coach

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.

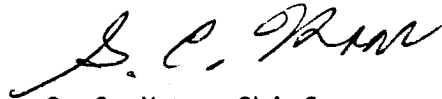
BE IT FURTHER RESOLVED: That this certification is also contingent General Motors Corporation listing in the owner's manual the operating cautions associated with a catalyst-equipped vehicle. This listing must be approved by the Executive Officer.

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 10 day of March, 1977.

A handwritten signature in dark ink, appearing to read "G. C. Hass", is written over the printed name.

G. C. Hass, Chief  
Vehicle Emissions Control Division

## 1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET - GM FORMAT



Passenger Cars



Light-Duty Trucks

Manufacturer GENERAL MOTORS CORPORATION Executive Order No. A-6-89 Page 1Engine Family 730M4AU Engine (CID) 350 Trans. A-3Emission Control System AI, EGR, OC +10% (A/C) Yes ☒ No ☐

Divisions	Basic Body	Trim	Body Type	Trans- mission Type & Code	Inertia Weight	Distributor Type HEI C,V Mfgr. Part Number	Fuel System Type 1-4V Mfgr. Part Number	EGR System Part No. Service*	Engine Code	Tune-Up Label Ident. & Page No.
234 234 234 2	X X X F		17 27 69 87	1	4000	Delco Remy 1103266	Rochester 17057553	7045060 (no service)	10a	OZ 6
3 3	B B		37 69	11						SD 9
234 234 234 2 4 2 34 2	A B A B G A B		29 35 37 37 57 57 69	1	4500			7044402 (no service)	11	OR 7
4 34 34	B C C		69 37 69	11 1 or 22						OS 7
23	A		35	22	5000			7045061 (no service)	12	
234 234 234 2	X X X F		17 27 69 87	1	4000		Rochester 17057550	7045060 (no service)	20a	OZ 6

Comments: See pages 5 &amp; 6 for model codes and names.

Date of Issue: 081776

Opt. trans. code 22 added to C bodies by RC 73-66 &amp; 94, format revised 110176.

## 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 - GM FORMAT



Passenger Cars



Light-Duty Trucks

Manufacturer GENERAL MOTORS CORPORATION Executive Order No. A-6-89 Page 2Engine Family 730M4AU Engine (CID) 350 Transm. A-3Emission Control System AI, EGR, OC +10% (A/C) Yes ☒ No ☐

Divisions	Basic Body	Trim	Body Type	Trans- mission Type & Code	Inertia Weight	Distributor Type: HEI C,V Mfgr. Part Number	Fuel System Type: 1-4V Mfgr. Part Number	EGR System Part No. Service*	Engine Code	Tune-Up Label Ident. & Page No.
3 3	B B		37 69	11	4000	Delco Remy 1103266	Rochester 17057550	7045060 (no service)	20a	SD 9
3 3 2	A A B	M Q	37 57 37	1				7044402 (no service)	21	OR 7
2 4 2	B B B	L L	37 37 69 69	11						
3 3	C C	V X	37 37	1 or 22						
4 34	C C		37 69		4500					
234 234 2 4 2 4 3 4 2 4 2 2 2 2	A B A B B A A G B B		29 35 37 37 37 57 57 57 69 69	1						
2 34 2	A A A	D G	35 35 35	22					22	

Comments

Issue Date 081776

3CV37 was 4500 lb. before RC73-111, format revised 110176. Inertia weights revised by RC73-162 on 010577.

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET - GM FORMAT



Passenger Cars



Light-Duty Trucks

Manufacturer GENERAL MOTORS CORPORATION Executive Order No. A-6- 89 Page 4

Engine Family 730M4AU Engine (CID) 403 Transm. A-3

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

Divisions	Basic Body	Trim	Body Type	Trans- mission Code	Inertia Weight	Distributor Type HEI C,V Mfgr. Part Number	Fuel System 1-4V Mfgr. Part Number	EGR System Part No. Service*	Engine Code	Tune-Up Label Ident. & Page No.
3	E		57	21	5000	Delco Remy 1103265	Rochester 17057552	7045151 (no service)	43	SC 9
3	A	G	37	2	4000	Delco Remy 1103264	Rochester 17057550	7044097 (no service)	50	OT 8
2	B	L	37							
2	B	N	37							
3	B		37							
23	B	L	69							
2	F		87							
23	A		29		4500					
2	A		37							
3	A	J	37							
2	B	Q	37							
4	R		37							
3	A		57							
2	B	Q	69							
4	B		69							
23	B	N	69							
2	G		15							
2	G		57							
34	C		37	2 or 23						
34	C		69							
234	B		35	2	7044403 (no service)			51		
2	A	D	35	23						
2	A	G	35	5000						
3	A		35							

Comments

Issue Date : 081776.

4B 35 added by RC 73-49. Ont. trans. code 23 added to C bodies by RC 73-66 & 104.  
3BN37 & 3BL69 were 4500 lb. before RC 73-111. Format revised 110176. Inertia weights  
revised by RC 73-161 & 162 on 010577.

## 1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET - GM FORMAT

☒ Passenger Cars☐ Light-Duty TrucksManufacturer GENERAL MOTORS CORPORATION Executive Order No. A-6-89 Page 3Engine Family 730M4AU Engine (CID) 403 Transm. A-3Emission Control System AI, EGR, DC +10% (A/C) Yes ☒ No ☐

Divisions	Basic Body	Trim	Body Type	Trans- mission Code	Inertia Weight	Distributor Type: Mfgr. Part Number	Fuel System Type: 1-4V Mfgr. Part Number	EGR System Part No. Service*	Engine Code	Tune-Up Label Ident. & Page No.
2 2 2 2	B B B F	L N L	37 37 69 87	2	4000	Delco Remy 1103264 C,V	Rochester 17057553	7044097 (no service)	40 (with A.C.)	OT 8
23 2 3 2 34 2 2 34 2	A A A B B B B B G		29 37 57 37 37 69 69 69 57		4500					
34 34	C C		37 69	2 or 23						
234 23	B A		35 35	2 23						
4 4 4	B B C	R P X	35 69 69	2 or 23	5000			7044403 (no service)	41 (with A.C.)	
3	E		57	20		HEI Delco Remy 17057552 17057555 Micro- Processor 1996316 HEI Dist. 1112990		7045062 (no service)	42 42a 42b (with A.C.)	OU 8 SF 10

## Comments

Revisions of 022877 and 031477 consolidated on 040177.

Issue Date 081776. 4B 35 added by RC 73-49. Opt. trans. code 23 added to C bodies by RC 73-66 & 104, format revised 110176. Inertia weights revised by RC 73-162, label SF added by RC 73-81 on 010577. Buick models added to 5000 lb. class of EC41 by RC 73-86 Rev. (1), on 022877. E.C. 42a added by RC 73-81; E.C. 42b & carb. 17057555 added by RC 73-206; (with A.C.) notes added, Micro-Processor PN corrected 031477.

☒ Passenger Cars      ☐ Light-Duty Trucks

Engine Family 730M4AU

Model Code Breakdown:

Division 2 A D 29 Body Type

Basic Body Trim

Was pages 18 & 19. Format revised 110176

Engine Family 730M4AU

Division  
Basic Body  
Trim Code  
Body Type

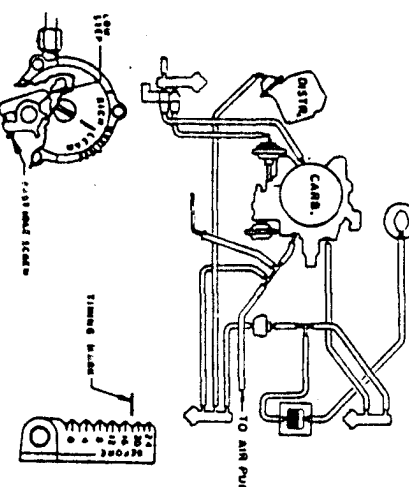
BUICK	
A H 29	Century Custom Sedan
D 29	Century Sedan
J 29	Regal Sedan
K 35	Century Wagon
D 37	Century Coupe
H 57	Century Custom Coupe
J 57	Regal Coupe
B R 35	Estate Wagon
R 35	Estate Wagon Funeral Coach
- P 37	Lesabre Custom Coupe
- F 37	Lesabre Sport Coupe
- N 37	Lesabre Coupe
- Z 37	Riviera Coupe
- P 69	Lesabre Custom Sedan
- P 69	Lesabre Limousine
- N 69	Lesabre Sedan
C V 37	Electra 225 Coupe
X 37	Electra Ltd. Coupe
V 69	Electra 225 Sedan
X 69	Electra Ltd. Sedan
X 69	Electra Limousine

Was page 20. Le Sabre Sport Coupe added by RC 73-39. Tune-up label 0Z added. Format revised 110176. Funeral Coach & Limo models added by RC73-86 Rev. (1) on 022877.

<b>0Z</b> 350CUIN 730M4AU		<b>VEHICLE EMISSION CONTROL INFORMATION</b> GENERAL MOTORS CORPORATION		<b>GM</b>		
<b>MAKE ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE. CHORE OPEN. AIR CLEANER REMOVED AND VACUUM SOURCE FROM CARBURETOR BASE TO AIR CLEANER PLUGGED.</b>						
<b>SET PARKING BRAKE AND BLOCK DRIVE WHEELS</b>						
1. DISCONNECT AND PLUG CARBURETOR HOSES FROM VAPOR CANISTER, E.G.R. VALVE AND DISTRIBUTOR VACUUM UNIT.						
2. SET TIMING AT SPECIFIED RPM, IN PARK.						
3. ADJUST CARBURETOR IDLE SPEED SCREW TO SPECIFIED RPM, IN DRIVE.						
4. ADJUST CARBURETOR FAST IDLE SPEED SCREW TO SPECIFIED RPM ON LOW STEP OF CAM, IN PARK.						
5. ON AIR CONDITIONING CARS - AFTER COMPLETING ABOVE ADJUSTMENTS, DISCONNECT ELECTRICAL CONNECTOR AT A/C COMPRESSOR CLUTCH. TURN ON A/C AND ADJUST SOLENOID (ENERGIZED) SCREW TO SPECIFIED RPM, IN DRIVE.						
6. RECONNECT ELECTRICAL CONNECTOR.						
7. RECONNECT DISTRIBUTOR CANISTER AND E.G.R. VALVE HOSES.						
THIS VEHICLE CONFORMS TO U.S. E.P.A. AND WHERE APPLICABLE CALIFORNIA REGULATIONS APPLICABLE TO 1977 MODEL YEAR NEW MOTOR VEHICLES.						
PRINTED IN U.S.A. PART NO. 557433						

<b>CATALYST-E.G.R.</b> LOW ALTITUDE CERTIFICATION	
TIMING (DEG. BTDC @ RPM) 18° @ 1100 (IN PARK)	
SPARK PLUGS GAP TYPE	.060 IN. AC R46SZ
CARBURETOR SCREW (RPM)	550 (IN DRIVE)
FAST IDLE SCREW (RPM)	1000 (IN PARK)
SOLENOID SCREW (RPM)	650 (IN DRIVE)
CHOKE SETTING	2 N.R.
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 PROCEDURE MAY VIOLATE FEDERAL AND/OR CALIFORNIA OR OTHER STATE LAWS. SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE II FOR ADDITIONAL INFORMATION.

<b>VACUUM HOSE ROUTING</b>	
	



OR 730M4AU		VEHICLE EMISSION CONTROL INFORMATION		CATALYST-E.G.R.		VACUUM HOSE ROUTING													
<p>MAKE ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE. CHOKER OPEN, AIR CLEANER REMOVED AND VACUUM SOURCE FROM CARBURETOR BASE TO AIR CLEANER PLUGGED.</p> <p><b>SET PARKING BRAKE AND BLOCK DRIVE WHEELS</b></p> <p>1. DISCONNECT AND PLUG CARBURETOR HOSES FROM VAPOR CANISTER, E.G.R. VALVE AND DISTRIBUTOR VACUUM UNIT.</p> <p>2. SET TIMING AT SPECIFIED RPM, IN PARK.</p> <p>3. ADJUST CARBURETOR IDLE SPEED SCREW TO SPECIFIED RPM, IN DRIVE.</p> <p>4. ADJUST CARBURETOR FAST IDLE SPEED SCREW TO SPECIFIED RPM ON LOW STEP OF CAM, IN PARK.</p> <p>5. ON AIR CONDITIONING CARS - AFTER COMPLETING ABOVE ADJUSTMENTS, DISCONNECT ELECTRICAL CONNECTOR AT A/C COMPRESSOR CLUTCH, TURN ON A/C AND ADJUST SOLENOID (ENERGIZED) SCREW TO SPECIFIED RPM, IN DRIVE.</p> <p>6. RECONNECT ELECTRICAL CONNECTOR.</p> <p>7. RECONNECT DISTRIBUTOR, CANISTER AND E.G.R. VALVE HOSES.</p> <p>THIS VEHICLE CONFORMS TO U.S.E.P.A. AND WHERE APPLICABLE CALIFORNIA REGULATIONS APPLICABLE TO 1977 MODEL YEAR NEW MOTOR VEHICLES.</p> <p>PART NO. 556546</p>				<p>LOW ALTITUDE CERTIFICATION</p> <table border="1"> <tr> <td>TIMING (DEG. BTDC @ RPM)</td> <td>20° @ 1100 (IN PARK)</td> </tr> <tr> <td>SPARK PLUGS</td> <td>GAP .060 IN. AC R46SZ</td> </tr> <tr> <td>CARBURETOR SCREW (RPM)</td> <td>550 (IN DRIVE)</td> </tr> <tr> <td>FAST IDLE SCREW (RPM)</td> <td>1000 (IN PARK)</td> </tr> <tr> <td>SOLENOID SCREW (RPM)</td> <td>650 (IN DRIVE)</td> </tr> <tr> <td>CHOKER SETTING</td> <td>2 N.R.</td> </tr> </table> <p>FOR MAJOR REPAIR ADJUSTING MIXTURE SETTING BY OTHER THAN APPROVED SERVICE PROCEDURE MAY VIOLATE FEDERAL AND/OR CALIFORNIA OR OTHER STATE LAWS. SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE IF FOR ADDITIONAL INFORMATION.</p>		TIMING (DEG. BTDC @ RPM)	20° @ 1100 (IN PARK)	SPARK PLUGS	GAP .060 IN. AC R46SZ	CARBURETOR SCREW (RPM)	550 (IN DRIVE)	FAST IDLE SCREW (RPM)	1000 (IN PARK)	SOLENOID SCREW (RPM)	650 (IN DRIVE)	CHOKER SETTING	2 N.R.		
TIMING (DEG. BTDC @ RPM)	20° @ 1100 (IN PARK)																		
SPARK PLUGS	GAP .060 IN. AC R46SZ																		
CARBURETOR SCREW (RPM)	550 (IN DRIVE)																		
FAST IDLE SCREW (RPM)	1000 (IN PARK)																		
SOLENOID SCREW (RPM)	650 (IN DRIVE)																		
CHOKER SETTING	2 N.R.																		

OS 730M4AU		VEHICLE EMISSION CONTROL INFORMATION		CATALYST-E.G.R.		VACUUM HOSE ROUTING													
<p>MAKE ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE. CHOKER OPEN, AIR CLEANER REMOVED AND VACUUM SOURCE FROM CARBURETOR BASE TO AIR CLEANER PLUGGED.</p> <p><b>SET PARKING BRAKE AND BLOCK DRIVE WHEELS</b></p> <p>1. DISCONNECT AND PLUG CARBURETOR HOSES FROM VAPOR CANISTER, E.G.R. VALVE AND DISTRIBUTOR VACUUM UNIT.</p> <p>2. SET TIMING AT SPECIFIED RPM, IN PARK.</p> <p>3. ADJUST CARBURETOR IDLE SPEED SCREW TO SPECIFIED RPM, IN DRIVE.</p> <p>4. ADJUST CARBURETOR FAST IDLE SPEED SCREW TO SPECIFIED RPM ON LOW STEP OF CAM, IN PARK.</p> <p>5. ON AIR CONDITIONING CARS - AFTER COMPLETING ABOVE ADJUSTMENTS, DISCONNECT ELECTRICAL CONNECTOR AT A/C COMPRESSOR CLUTCH, TURN ON A/C AND ADJUST SOLENOID (ENERGIZED) SCREW TO SPECIFIED RPM, IN DRIVE.</p> <p>6. RECONNECT ELECTRICAL CONNECTOR.</p> <p>7. RECONNECT DISTRIBUTOR, CANISTER AND E.G.R. VALVE HOSES.</p> <p>THIS VEHICLE CONFORMS TO U.S.E.P.A. AND WHERE APPLICABLE CALIFORNIA REGULATIONS APPLICABLE TO 1977 MODEL YEAR NEW MOTOR VEHICLES.</p> <p>PART NO. 557309</p>				<p>LOW ALTITUDE CERTIFICATION</p> <table border="1"> <tr> <td>TIMING (DEG. BTDC @ RPM)</td> <td>20° @ 1100 (IN PARK)</td> </tr> <tr> <td>SPARK PLUGS</td> <td>GAP .060 IN. AC R46SZ</td> </tr> <tr> <td>CARBURETOR SCREW (RPM)</td> <td>550 (IN DRIVE)</td> </tr> <tr> <td>FAST IDLE SCREW (RPM)</td> <td>1000 (IN PARK)</td> </tr> <tr> <td>SOLENOID SCREW (RPM)</td> <td>650 (IN DRIVE)</td> </tr> <tr> <td>CHOKER SETTING</td> <td>2 N.R.</td> </tr> </table> <p>FOR MAJOR REPAIR ADJUSTING MIXTURE SETTING BY OTHER THAN APPROVED SERVICE PROCEDURE MAY VIOLATE FEDERAL AND/OR CALIFORNIA OR OTHER STATE LAWS. SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE IF FOR ADDITIONAL INFORMATION.</p>		TIMING (DEG. BTDC @ RPM)	20° @ 1100 (IN PARK)	SPARK PLUGS	GAP .060 IN. AC R46SZ	CARBURETOR SCREW (RPM)	550 (IN DRIVE)	FAST IDLE SCREW (RPM)	1000 (IN PARK)	SOLENOID SCREW (RPM)	650 (IN DRIVE)	CHOKER SETTING	2 N.R.		
TIMING (DEG. BTDC @ RPM)	20° @ 1100 (IN PARK)																		
SPARK PLUGS	GAP .060 IN. AC R46SZ																		
CARBURETOR SCREW (RPM)	550 (IN DRIVE)																		
FAST IDLE SCREW (RPM)	1000 (IN PARK)																		
SOLENOID SCREW (RPM)	650 (IN DRIVE)																		
CHOKER SETTING	2 N.R.																		

# Label Location

Models with A/C on fan shroud - Models without A/C on RH filler plate

"F" Bodies - Center left side of radiator support baffle.

"G" Bodies - Right hand side of radiator support baffle.

VEHICLE EMISSION CONTROL INFORMATION		CATALYST-E.G.R.		VACUUM HOSE ROUTING	
GENERAL MOTORS CORPORATION		LOW ALTITUDE CERTIFICATION			
403 CUM. 730M4AU		TIMING (DEG. BTDC @ RPM) 20° @ 1000 (IN PARK)			
MAKE ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE. DISCONNECT AIR CLEANER AND VACUUM SOURCE FROM CARBURETOR BASE TO AIR CLEANER PLUGGED.		SPARK PLUGS GAP TYPE 0.060 IN. AC R46SZ			
SET PARKING BRAKE AND BLOCK DRIVE WHEELS		CARBURETOR SCREW (RPM) 550 (IN DRIVE)			
1. DISCONNECT AND PLUG CARBURETOR HOSES FROM VAPOR CANISTER, E.G.R. VALVE AND DISTRIBUTOR VACUUM UNIT.		FAST IDLE SCREW (RPM) 1000 (IN PARK)			
2. SET TIMING AT SPECIFIED RPM, IN PARK.		SOLENOID SCREW (RPM) 650 (IN DRIVE)			
3. ADJUST CARBURETOR IDLE SPEED SCREW TO SPECIFIED RPM, IN DRIVE.		CHOKE SETTING 2 N.R.			
4. ADJUST CARBURETOR FAST IDLE SPEED SCREW TO SPECIFIED RPM, ON LOW STEP OF CAM, IN PARK.		FOR MAJOR REPAIR ADJUSTING MIXTURE SETTING BY OTHER THAN APPROVED SERVICE PROCEDURE MAY VIOLATE FEDERAL AND/OR CALIFORNIA OR OTHER STATE LAWS. SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE FOR ADDITIONAL INFORMATION.			
5. ON AIR CONDITIONING CARS - AFTER COMPLETING ABOVE ADJUSTMENTS, DISCONNECT ELECTRICAL CONNECTOR AT A/C COMPRESSOR CLUTCH. TURN ON A/C AND ADJUST SOLENOID (ENERGIZED) SCREW TO SPECIFIED RPM, IN DRIVE.		FOR MAJOR REPAIR ADJUSTING MIXTURE SETTING BY OTHER THAN APPROVED SERVICE PROCEDURE MAY VIOLATE FEDERAL AND/OR CALIFORNIA OR OTHER STATE LAWS. SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE FOR ADDITIONAL INFORMATION.			
6. RECONNECT ELECTRICAL CONNECTOR.		THIS VEHICLE CONFORMS TO U.S. EPA AND WHERE APPLICABLE CALIFORNIA, REGULATIONS APPLICABLE TO 1977 MODEL YEAR NEW MOTOR VEHICLES.			
7. RECONNECT DISTRIBUTOR, CANISTER AND E.G.R. VALVE HOSES.		PART NO. 306322			
PRINTED IN U.S.A.					

Was page 17; engine code references removed 110176.

VEHICLE EMISSION CONTROL INFORMATION		CATALYST-E.G.R.		VACUUM HOSE ROUTING	
GENERAL MOTORS CORPORATION		LOW ALTITUDE CERTIFICATION			
403 CUM. 730M4AU		TIMING 20° BTDC (IN PARK)			
MAKE ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE. DISCONNECT AIR CLEANER AND VACUUM SOURCE FROM CARBURETOR BASE TO AIR CLEANER PLUGGED.		SPARK PLUGS GAP TYPE 0.060 IN. AC R46SZ			
SET PARKING BRAKE AND BLOCK DRIVE WHEELS		CARBURETOR SCREW (RPM) 600 (IN DRIVE)			
1. GROUND CONTROLLER (PROCESSOR) REFERENCE MODE TIMING LEAD (PURPLE WIRE UNDER DASH) TO BODY WITH JUMPER WIRE.		FAST IDLE SCREW (RPM) 1400 (IN PARK)			
2. SET TIMING WITH ENGINE IDLING, IN PARK, BY ADJUSTING CRANKSHAFT SENSOR. DO NOT ROTATE DISTRIBUTOR		SOLENOID SCREW (RPM) 650 (IN DRIVE)			
3. DISCONNECT JUMPER WIRE.		CHOKE SETTING 2 N.R.			
4. DISCONNECT AND PLUG CARBURETOR HOSES FROM VAPOR CANISTER AND E.G.R. VALVE.		FOR MAJOR REPAIR ADJUSTING MIXTURE SETTING BY OTHER THAN APPROVED SERVICE PROCEDURE MAY VIOLATE FEDERAL AND/OR CALIFORNIA OR OTHER STATE LAWS. SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE FOR ADDITIONAL INFORMATION.			
5. ADJUST CARBURETOR IDLE SPEED SCREW TO SPECIFIED RPM, IN DRIVE.		THIS VEHICLE CONFORMS TO U.S. EPA AND WHERE APPLICABLE CALIFORNIA, REGULATIONS APPLICABLE TO 1977 MODEL YEAR NEW MOTOR VEHICLES.			
6. ADJUST CARBURETOR FAST IDLE SPEED SCREW TO SPECIFIED RPM, ON LOW STEP OF CAM, IN PARK.		PART NO. 306322			
7. AFTER COMPLETING ABOVE ADJUSTMENTS, DISCONNECT ELECTRICAL CONNECTOR AT A/C COMPRESSOR CLUTCH. TURN ON A/C AND ADJUST SOLENOID (ENERGIZED) SCREW TO SPECIFIED RPM, IN DRIVE.					
8. RECONNECT ELECTRICAL CONNECTOR.					
9. RECONNECT CANISTER AND E.G.R. VALVE HOSES.					
PRINTED IN U.S.A.					

Label Location

Models with A/C on fan shroud - Models without A/C on RH filler plate  
"E" Bodies - on RH filler plate; "F" Bodies - on left side of radiator support baffle;  
"G" Bodies - right hand side of radiator support baffle

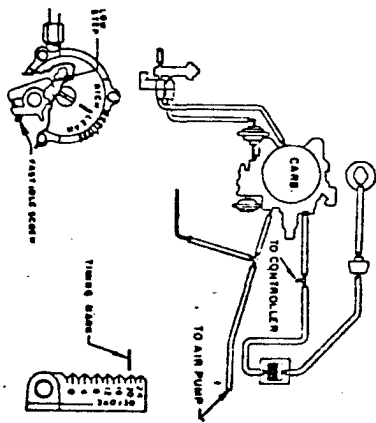
SC 403 CUM. 730M4AU	VEHICLE EMISSION CONTROL INFORMATION GENERAL MOTORS CORPORATION	GM	CATALYST-E.G.R. LOW ALTITUDE CERTIFICATION	VACUUM HOSE ROUTING
MAKE ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE. CHOKE OPEN, AIR CLEANER REMOVED AND VACUUM SOURCE FROM CARBURETOR BASE TO AIR CLEANER PLUGGED.			TIMING (DEG. BTDC @ RPM) 16° @ 1100 (IN PARK)	
SET PARKING BRAKE AND BLOCK DRIVE WHEELS			SPARK PLUGS GAP TYPE AC R46S2	
1. DISCONNECT AND PLUG CARBURETOR HOSES FROM VAPOR CANISTER, E.G.R. VALVE AND DISTRIBUTOR VACUUM UNIT.			CARBURETOR SCREW (RPM) 550 (IN DRIVE)	
2. SET TIMING AT SPECIFIED RPM, IN PARK.			FAST IDLE SCREW (RPM) 1000 (IN PARK)	
3. ADJUST CARBURETOR IDLE SPEED SCREW TO SPECIFIED RPM IN DRIVE.			SOLENOID SCREW (RPM) 650 (IN DRIVE)	
4. ADJUST CARBURETOR FAST IDLE SPEED SCREW TO SPECIFIED RPM ON LOW STEP OF CAM, IN PARK.			CHOKO SETTING 2 N.R.	
5. ON AIR CONDITIONING CARS - AFTER COMPLETING ABOVE ADJUSTMENTS, DISCONNECT ELECTRICAL CONNECTOR AT A/C COMPRESSOR CLUTCH, TURN ON A/C AND ADJUST SOLENOID (ENERGIZED) SCREW TO SPECIFIED RPM, IN DRIVE.			FOR MAJOR REPAIR ADJUSTING MIXTURE SETTING BY OTHER THAN APPROVED SERVICE PROCEDURE MAY VIOLATE FEDERAL AND/OR CALIFORNIA OR OTHER STATE LAWS. SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE IF FOR ADDITIONAL INFORMATION.	
6. RECONNECT ELECTRICAL CONNECTOR.				
7. RECONNECT DISTRIBUTOR CANISTER AND E.G.R. VALVE HOSES.				
THIS VEHICLE CONFORMS TO U.S.E.P.A. AND WHERE APPLICABLE CALIFORNIA, REGULATIONS APPLICABLE TO 1977 MODEL YEAR NEW MOTOR VEHICLES.			PART NO. 357393	
PRINTED IN U.S.A.				

SD 350 CUM. 730M4AU	VEHICLE EMISSION CONTROL INFORMATION GENERAL MOTORS CORPORATION	GM	CATALYST-E.G.R. LOW ALTITUDE CERTIFICATION	VACUUM HOSE ROUTING
MAKE ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE. CHOKE OPEN, AIR CLEANER REMOVED AND VACUUM SOURCE FROM CARBURETOR BASE TO AIR CLEANER PLUGGED.			TIMING (DEG. BTDC @ RPM) 18° @ 1100 (IN PARK)	
SET PARKING BRAKE AND BLOCK DRIVE WHEELS			SPARK PLUGS GAP TYPE AC R46S2	
1. DISCONNECT AND PLUG CARBURETOR HOSES FROM VAPOR CANISTER, E.G.R. VALVE AND DISTRIBUTOR VACUUM UNIT.			CARBURETOR SCREW (RPM) 550 (IN DRIVE)	
2. SET TIMING AT SPECIFIED RPM, IN PARK.			FAST IDLE SCREW (RPM) 1000 (IN PARK)	
3. ADJUST CARBURETOR IDLE SPEED SCREW TO SPECIFIED RPM IN DRIVE.			SOLENOID SCREW (RPM) 650 (IN DRIVE)	
4. ADJUST CARBURETOR FAST IDLE SPEED SCREW TO SPECIFIED RPM ON LOW STEP OF CAM, IN PARK.			CHOKO SETTING 2 N.R.	
5. ON AIR CONDITIONING CARS - AFTER COMPLETING ABOVE ADJUSTMENTS, DISCONNECT ELECTRICAL CONNECTOR AT A/C COMPRESSOR CLUTCH, TURN ON A/C AND ADJUST SOLENOID (ENERGIZED) SCREW TO SPECIFIED RPM, IN DRIVE.			FOR MAJOR REPAIR ADJUSTING MIXTURE SETTING BY OTHER THAN APPROVED SERVICE PROCEDURE MAY VIOLATE FEDERAL AND/OR CALIFORNIA OR OTHER STATE LAWS. SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE IF FOR ADDITIONAL INFORMATION.	
6. RECONNECT ELECTRICAL CONNECTOR.				
7. RECONNECT DISTRIBUTOR CANISTER AND E.G.R. VALVE HOSES.				
THIS VEHICLE CONFORMS TO U.S.E.P.A. AND WHERE APPLICABLE CALIFORNIA, REGULATIONS APPLICABLE TO 1977 MODEL YEAR NEW MOTOR VEHICLES.			PART NO. 357459	
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Engine Family 730M4AU

VEHICLE EMISSION CONTROL INFORMATION		CATALYST-E.G.R.	
GENERAL MOTORS CORPORATION		LOW ALTITUDE CERTIFICATION	
S.F. 403CUM. 730M4AU		20° BTDC (IN PARK)	
MAKE ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE OPEN, AIR CLEANER REMOVED AND VACUUM SOURCE FROM CARBURETOR BASE TO AIR CLEANER PLUGGED.		SPARK PLUGS GAP TYPE	
SET PARKING BRAKE AND BLOCK DRIVE WHEELS		CARBURETOR SCREW(RPM) 600 (IN DRIVE)	
GROUND CONTROLLER (PROCESSOR) REFERENCE MODE TIMING LEAD (PURPLE WIRE UNDER DASH) TO BODY WITH JUMPER WIRE.		FAST IDLE SCREW(RPM) 1000 (IN PARK)	
SET TIMING WITH ENGINE IDLING, IN PARK BY ADJUSTING CRANKSHAFT SENSOR.		SOLENOID SCREW(RPM) 650 (IN DRIVE)	
DISCONNECT JUMPER WIRE. DO NOT ROTATE DISTRIBUTOR		CHOKE SETTING 2 N.R.	
DISCONNECT AND PLUG CARBURETOR HOSES FROM VAPOR CANISTER AND LEAK VALVE.		IDLE MIXTURE SCREWS ARE PRESET AND CAPPED AT FACTORY. DO NOT PLEAK CAPS. ADJUSTMENT DURING TUNE-UPS IS NOT RECOMMENDED.	
ADJUST CARBURETOR FAST IDLE SPEED SCREW TO SPECIFIED RPM IN DRIVE.		FOR MAJOR REPAIR ADJUSTING MIXTURE SETTING BY OTHER THAN APPROVED SERVICE PROCEDURE MAY VIOLATE FEDERAL AND/OR CALIFORNIA OR OTHER STATE LAWS.	
ON LOW STEP OF CAM, IN PARK, ADJUST CARBURETOR FAST IDLE SPEED SCREW TO SPECIFIED RPM.		SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE IF FOR ADDITIONAL INFORMATION.	
AFTER COMPLETING ABOVE ADJUSTMENTS, DISCONNECT ELECTRICAL CONNECTOR AT A/C COMPRESSOR CLUTCH. TURN ON A/C AND ADJUST SOLENOID (ENERGIZED) SCREW TO SPECIFIED RPM.			
IN DRIVE, RECONNECT ELECTRICAL CONNECTOR.			
RECONNECT CANISTER AND E.G.R. VALVE HOSES.			
THIS VEHICLE CONFORMS TO U.S.E.P.A. AND CALIFORNIA EMISSION REGULATIONS APPLICABLE TO 1977 MODEL YEAR NEW MOTOR VEHICLES.		PART NO. 358091	
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VACUUM HOSE ROUTING



Label SF added by RC 73-81 on 010577