

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.

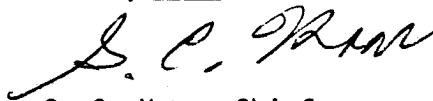
BE IT FURTHER RESOLVED: That this certification is also contingent General Motors Corporation listing in the owner's manual the operating cautions associated with a catalyst-equipped vehicle. This listing must be approved by the Executive Officer.

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.



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 1

Engine Family 730M4AU Engine (CID) 350 Transm. A-3

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

Divisions	Basic Body	Trim	Body Type	Transmission 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 OR 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 & 6 for model codes and names.

Date of Issue: 081776

Opt. trans. code 22 added to C bodies by RC 73-66 & 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 2

Engine Family 730M4AU Engine (CID) 350 Transm. A-3

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

Divisions	Basic Body		Body Type	Transmission 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.	
	Trim										
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
2 4 2	B B B	L	37 37 69 69	11	4500						
3 3	C C	V X	37 37	1 or 22							
4 34	C C		37 69		5000						
234 234 2 4 2 4 3 4 2 2 2	A B A B B A A G B B	N	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		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.	
	Trim									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	B		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 Trucks

Manufacturer GENERAL MOTORS CORPORATION Executive Order No. A-6-89 Page 3

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

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

Divisions	Basic Body		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.	
	Trim										
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	L N L Q N Q	29 37 57 37 37 69 69 69 57								
34 34	C C		37 69	2 or 23	5000			7044403 (no service)	41 (with A.C.)		
234 23	B A		35 35	2 23							
4 4 4	B B C	R P X	35 69 69	2 or 23		EI Delco Remy 17057552  Micro- Processor 1996316  HEI Dist. 1112990	17057555	7045062 (no service)	42 42a 42b (with A.C.)	OU SF	8 10
3	E		57	20							

Comments Revisions of 022877 and 031477 consolidated on 040177.

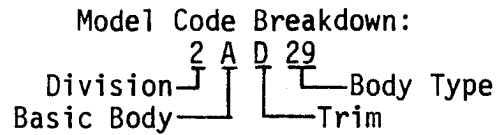
Issue Date 081776. 4B 35 added by RC 73-49. Opt. trans. code 23 added to C bodies by RC 73-66 & 104, format revised 110176. Inertia weights revised by RC 73-162, label SF added by RC 73-81 on 010577. Buick models added to 5000 lb. class of EC41 by RC 73-86 Rev. (1), on 022877. E.C. 42a added by RC 73-81;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

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
 Passenger Cars     Light-Duty Trucks

Manufacturer General Motors Corporation Executive Order No. A-6-89 Page 5

Engine Family 730M4AU

Division  
Basic Body  
Trim  
Body Type



2	PONTIAC	3	OLDSMOBILE
A G 29	Grand LeMans Sedan	A M 29	Cutlass Brougham Hardtop Sedan
D 29	LeMans Sedan	G 29	Cutlass 'S' Hardtop Sedan
G 35	Grand LeMans Safari Station Wagon	J 29	Cutlass Supreme Hardtop Sedan
D 35	LeMans Safari Station Wagon	H 35	Vista Cruiser Wagon
G 37	Grand LeMans Coupe	J 37	Cutlass Supreme Hardtop Coupe
F 37	LeMans Sport Coupe	G 37	Cutlass 'S' Hardtop Coupe
D 37	LeMans Coupe	M 57	Cutlass Brougham Hardtop Coupe
B N 35	Grand Safari Wagon	K 57	Cutlass Salon Hardtop Coupe
L 35	Safari Wagon		
Q 37	Bonneville Brougham Coupe	B Q 35	Custom Cruiser Wagon
N 37	Bonneville Coupe	N 37	Delta 88 Royale Pillar Coupe
L 37	Catalina Coupe	L 37	Delta 88 Pillar Coupe
Q 69	Bonneville Brougham Sedan	N 69	Delta 88 Royale Pillar Sedan
N 69	Bonneville Sedan	L 69	Delta 88 Pillar Sedan
L 69	Catalina Sedan		
F S 87	Firebird	C X 37	Ninety-Eight Regency Coupe
U 87	Formula	V 37	Ninety-Eight Luxury Coupe
T 87	Esprit	X 69	Ninety-Eight Regency Sedan
W 87	Trans AM	V 69	Ninety-Eight Luxury Sedan
G H 15	Grand Prix 'SJ'	E W 57	Toronado XSR
K 57	Grand Prix 'LJ'	Z 57	Toronado Brougham
J 57	Grand Prix		
X Z 17	Ventura 'SJ' Hatchback Coupe	X E 17	Omega Brougham Hatchback Coupe
Y 17	Ventura Hatchback Coupe	B 17	Omega Hatchback Coupe
Z 27	Ventura 'SJ' Coupe	E 27	Omega Brougham Coupe
Y 27	Ventura Coupe	B 27	Omega Coupe
Z 69	Ventura 'SJ' Sedan	S 27	F-85 Coupe
Y 69	Ventura Sedan	E 69	Omega Brougham Sedan
		B 69	Omega Sedan

Was pages 18 & 19. Format revised 110176

Engine Family 730M4AU

Division  
 Basic Body  
 Trim Code  
 Body Type

Model	Body Type
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
X C 17	Skyline 'SR' Hatchback Coupe
B 17	Skyline Hatchback Coupe
C 27	Skyline 'SR' Coupe
W 27	Skyline 'S' Coupe
B 27	Skyline Coupe
C 69	Skyline 'SR' Sedan
B 69	Skyline Sedan

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.

**0Z**  
330QUIN  
730M4AU

**VEHICLE EMISSION CONTROL INFORMATION**  
GENERAL MOTORS CORPORATION

**GM**

MAKE ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE. CHOKE OPEN, AIR CLEANER REMOVED AND VACUUM SOURCE FROM CARBURETOR BASE TO AIR CLEANER PLUGGED.

**SET PARKING BRAKE AND BLOCK DRIVE WHEELS**

- DISCONNECT AND PLUG CARBURETOR HOSES FROM VAPOR CANISTER, E.G.R. VALVE AND DISTRIBUTOR VACUUM UNIT.
- SET TIMING AT SPECIFIED RPM, IN PARK.
- ADJUST CARBURETOR IDLE SPEED SCREW TO SPECIFIED RPM, IN DRIVE.
- ADJUST CARBURETOR FAST IDLE SPEED SCREW TO SPECIFIED RPM ON LOW STEP OF CAM, IN PARK.
- 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.
- RECONNECT ELECTRICAL CONNECTOR.
- 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. 55733

**CATALYST-E.G.R.**  
LOW ALTITUDE CERTIFICATION

TIMING (DEG. BTDC @ RPM)	18° @ 1100 (IN PARK)
SPARK PLUGS	GAP .060 IN. TYPE AC R46SZ
CARBURETOR SCREW (RPM)	550 (IN DRIVE)
FAST IDLE SCREW (RPM)	1000 (IN PARK)
SOLENOID SCREW (RPM)	650 (IN DRIVE)
CHOKE SETTING	2 NR.

IDLE MIXTURE SCREWS ARE PRESET AND CAPPED AT FACTORY. DO NOT BREAK AND ADJUSTMENT DURING TUNE-UPS 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.

**VACUUM HOSE ROUTING**

Labels in diagram: CARB., DISTR., BRAKE BOOSTER, AIR PUMP, TO AIR PUMP, TIMING BELT, 1/8" HOSE SCREW.



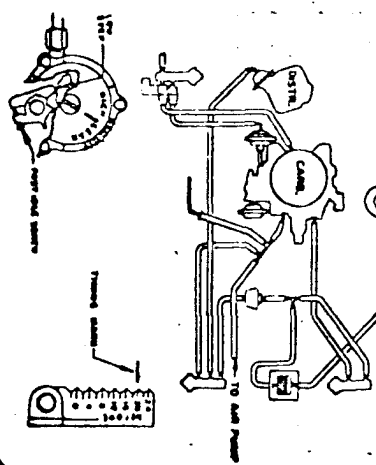
Was page 16; engine code references removed 110176.

<p>OR 350CUIN. 730M4AU</p> <p>VEHICLE EMISSION CONTROL INFORMATION GENERAL MOTORS CORPORATION</p> <p>MAKE ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE. CHOKE OPEN, AIR CLEANER REMOVED AND VACUUM SOURCE FROM CARBURETOR BASE TO AIR CLEANER PLUGGED.</p> <p>SET PARKING BRAKE AND BLOCK DRIVE WHEELS</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 (REFRIGERATED) 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>PRINTED IN U.S.A. PART NO. 556346</p>	<p>GM</p> <p>CATALYST-E.G.R. 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 TYPE 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>CHOKE 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 II FOR ADDITIONAL INFORMATION.</p> <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 II FOR ADDITIONAL INFORMATION.</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>	TIMING (DEG. BTDC @ RPM)	20° @ 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.	<p>VACUUM HOSE ROUTING</p>
TIMING (DEG. BTDC @ RPM)	20° @ 1100 (IN PARK)													
SPARK PLUGS	GAP TYPE 060 IN. AC R46SZ													
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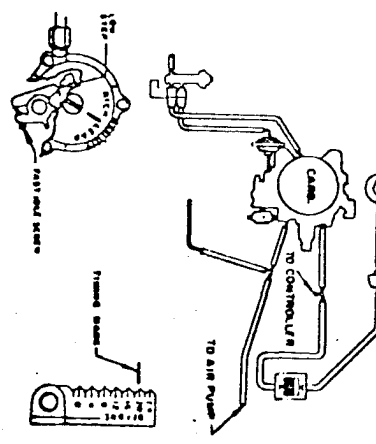
<p>OS 350CUIN. 730M4AU</p> <p>VEHICLE EMISSION CONTROL INFORMATION GENERAL MOTORS CORPORATION</p> <p>MAKE ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE. CHOKE OPEN, AIR CLEANER REMOVED AND VACUUM SOURCE FROM CARBURETOR BASE TO AIR CLEANER PLUGGED.</p> <p>SET PARKING BRAKE AND BLOCK DRIVE WHEELS</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 (REFRIGERATED) 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>PRINTED IN U.S.A. PART NO. 557309</p>	<p>GM</p> <p>CATALYST-E.G.R. 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 TYPE 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>CHOKE 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 II FOR ADDITIONAL INFORMATION.</p> <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 II FOR ADDITIONAL INFORMATION.</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>	TIMING (DEG. BTDC @ RPM)	20° @ 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.	<p>VACUUM HOSE ROUTING</p>
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CHOKE 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.

<p><b>OT</b> 403 CUMM 730M4AU</p> <p><b>VEHICLE EMISSION CONTROL INFORMATION</b> GENERAL MOTORS CORPORATION</p>	<p><b>CATALYST-E.G.R.</b> LOW ALTITUDE CERTIFICATION</p> <p>TIMING (DEG. BTDC @ RPM) 20° @ 1100 (IN PARK)</p> <table border="1"> <tr> <td>SPARK PLUGS</td> <td>GAP TYPE</td> <td>D60 IN. AC R46SZ</td> </tr> <tr> <td>CARBURETOR SCREW (RPM)</td> <td></td> <td>550 (IN DRIVE)</td> </tr> <tr> <td>FAST IDLE SCREW (RPM)</td> <td></td> <td>1000 (IN PARK)</td> </tr> <tr> <td>SOLENOID SCREW (RPM)</td> <td></td> <td>650 (IN DRIVE)</td> </tr> <tr> <td>CHOKE SETTING</td> <td></td> <td>2 N.R.</td> </tr> </table>	SPARK PLUGS	GAP TYPE	D60 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.	<p><b>VACUUM HOSE ROUTING</b></p> 
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CHOKE SETTING		2 N.R.															
<p>MAKE ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE. REMOVE AIR CLEANER AND VACUUM SOURCE FROM CARBURETOR BASE TO AIR CLEANER PLUGGED.</p> <p><b>SET PARKING BRAKE AND BLOCK DRIVE WHEELS</b></p> <ol style="list-style-type: none"> <li>1. DISCONNECT AND PLUG CARBURETOR HOSES FROM VAPOR CANISTER, E.G.R. VALVE AND DISTRIBUTOR VACUUM UNIT.</li> <li>2. SET TIMING AT SPECIFIED RPM, IN PARK.</li> <li>3. ADJUST CARBURETOR IDLE SPEED SCREW TO SPECIFIED RPM, IN DRIVE.</li> <li>4. ADJUST CARBURETOR FAST IDLE SPEED SCREW TO SPECIFIED RPM, ON LOW STEP OF CAM, IN PARK.</li> <li>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.</li> <li>6. RECONNECT ELECTRICAL CONNECTOR.</li> <li>7. RECONNECT DISTRIBUTOR, CANISTER AND E.G.R. VALVE HOSES.</li> </ol> <p>THIS VEHICLE CONFORMS TO U.S. EPA AND WHERE APPLICABLE CALIFORNIA, REGULATIONS APPLICABLE TO 1977 MODEL YEAR NEW MOTOR VEHICLES.</p> <p>PRINTED IN U.S.A. PART NO. 306222</p>																	
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Was page 17; engine code references removed 110176.

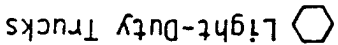
<p><b>OU</b> 403 CUMM 730M4AU</p> <p><b>VEHICLE EMISSION CONTROL INFORMATION</b> GENERAL MOTORS CORPORATION</p>	<p><b>CATALYST-E.G.R.</b> LOW ALTITUDE CERTIFICATION</p> <table border="1"> <tr> <td>TIMING</td> <td>20° BTDC (IN PARK)</td> </tr> <tr> <td>SPARK PLUGS</td> <td>GAP TYPE 060 IN. ACR46SZ</td> </tr> <tr> <td>CARBURETOR SCREW (RPM)</td> <td>600 (IN DRIVE)</td> </tr> <tr> <td>FAST IDLE SCREW (RPM)</td> <td>1400 (IN PARK)</td> </tr> <tr> <td>SOLENOID SCREW (RPM)</td> <td>650 (IN DRIVE)</td> </tr> <tr> <td>CHOKE SETTING</td> <td>2 N.R.</td> </tr> </table>	TIMING	20° BTDC (IN PARK)	SPARK PLUGS	GAP TYPE 060 IN. ACR46SZ	CARBURETOR SCREW (RPM)	600 (IN DRIVE)	FAST IDLE SCREW (RPM)	1400 (IN PARK)	SOLENOID SCREW (RPM)	650 (IN DRIVE)	CHOKE SETTING	2 N.R.	<p><b>VACUUM HOSE ROUTING</b></p> 
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**Label Location**

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

<p>SC 403 CUM. 730M4AU</p> <p><b>VEHICLE EMISSION CONTROL INFORMATION</b></p> <p>GENERAL MOTORS CORPORATION</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>PRINTED IN U.S.A. PART NO. 557293</p>	<p><b>GM</b></p> <p><b>CATALYST-E.G.R.</b></p> <p>LOW ALTITUDE CERTIFICATION</p> <table border="1"> <tr> <td>TIMING (DEG. BTDC @ RPM)</td> <td>16° @ 1100 (IN PARK)</td> </tr> <tr> <td>SPARK PLUGS GAP TYPE</td> <td>.060 IN. AC R46S2</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>CHOKE 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> <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> <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>PRINTED IN U.S.A. PART NO. 557293</p>	TIMING (DEG. BTDC @ RPM)	16° @ 1100 (IN PARK)	SPARK PLUGS GAP TYPE	.060 IN. AC R46S2	CARBURETOR SCREW (RPM)	550 (IN DRIVE)	FAST IDLE SCREW (RPM)	1000 (IN PARK)	SOLENOID SCREW (RPM)	650 (IN DRIVE)	CHOKE SETTING	2 N.R.	<p><b>VACUUM HOSE ROUTING</b></p>
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<p>SD 350 CUM. 730M4AU</p> <p><b>VEHICLE EMISSION CONTROL INFORMATION</b></p> <p>GENERAL MOTORS CORPORATION</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>PRINTED IN U.S.A. PART NO. 557459</p>	<p><b>GM</b></p> <p><b>CATALYST-E.G.R.</b></p> <p>LOW ALTITUDE CERTIFICATION</p> <table border="1"> <tr> <td>TIMING (DEG. BTDC @ RPM)</td> <td>18° @ 1100 (IN PARK)</td> </tr> <tr> <td>SPARK PLUGS GAP TYPE</td> <td>.060 IN. AC R46S2</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>CHOKE 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> <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> <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>PRINTED IN U.S.A. PART NO. 557459</p>	TIMING (DEG. BTDC @ RPM)	18° @ 1100 (IN PARK)	SPARK PLUGS GAP TYPE	.060 IN. AC R46S2	CARBURETOR SCREW (RPM)	550 (IN DRIVE)	FAST IDLE SCREW (RPM)	1000 (IN PARK)	SOLENOID SCREW (RPM)	650 (IN DRIVE)	CHOKE SETTING	2 N.R.	<p><b>VACUUM HOSE ROUTING</b></p>
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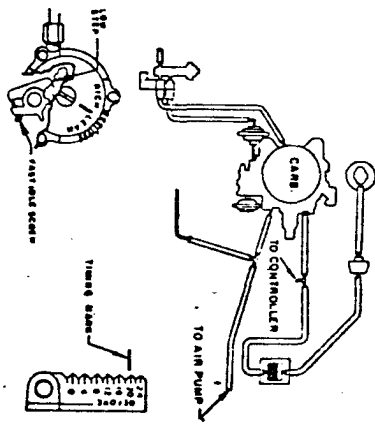


VEHICLE EMISSION CONTROL INFORMATION		CATALYST-E.G.R. LOW ALTITUDE CERTIFICATION	
<b>S.F. 403CUM. 730M4AU</b> GENERAL MOTORS CORPORATION			
MAKE ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE. CHOKER OPEN, AIR CLEANER REMOVED AND VACUUM SOURCE FROM CARBURETOR BASE TO AIR CLEANER PLUGGED.			
<b>SET PARKING BRAKE AND BLOCK DRIVE WHEELS</b>			
1. GROUND CONTROLLER (PROCESSOR) REFERENCE MODE TIMING LEAD (PURPLE WIRE UNDER DASH) TO BODY WITH JUMPER WIRE.			
2. SET TIMING WITH ENGINE IDLING, IN PARK BY ADJUSTING CRANKSHAFT SENSOR. <b>DO NOT ROTATE DISTRIBUTOR</b>			
3. DISCONNECT AND PLUG CARBURETOR HOSES FROM VAPOR CANISTER AND LEAK VALVE.			
4. ADJUST DISTRIBUTOR IDLE SPEED SCREW TO SPECIFIED RPM IN DRIVE.			
5. ADJUST CARBURETOR FAST IDLE SPEED SCREW TO SPECIFIED RPM ON LOW STEP OF CAM, IN PARK.			
6. 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.			
7. RECONNECT ELECTRICAL CONNECTOR.			
8. RECONNECT CANISTER AND E.G.R. VALVE HOSES.			
9. RECONNECT CANISTER AND E.G.R. VALVE HOSES.			
THIS VEHICLE CONFORMS TO S.E.P.A. AND W.V.E.P.A. REGULATIONS APPLICABLE TO 1977 MODEL YEAR NEW MOTOR VEHICLES.			
PRINTED IN U.S.A. PART NO. 358091			

TIMING	GAP	20° BTDC (IN PARK)
SPARK PLUGS	TYPE	060 IN. AC R46SZ
CARBURETOR SCREW (RPM)		600 (IN DRIVE)
FAST IDLE SCREW (RPM)		1000 (IN PARK)
SOLENOID SCREW (RPM)		650 (IN DRIVE)
CHOKER SETTING		2 N.R.

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.



Label SF added by RC 73-81 on 010577