

EO Book

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-178  
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 1980 model-year gasoline-powered medium duty vehicles.

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
08K4AA	350, 400	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 1980 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>
08K4AA	0.4	5	2.0

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".

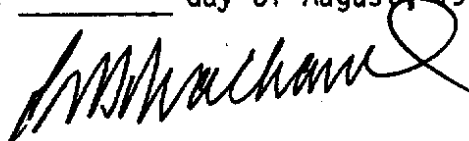
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model year.

BE IT FURTHER RESOLVED: That General Motors Corporation has provided to the Executive Officer all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 10<sup>th</sup> day of August, 1979.



K. D. Drachand, Acting Chief  
Mobile Source Control Division

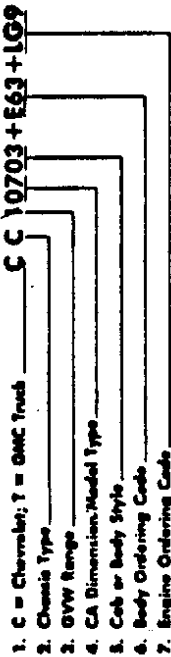
Manufacturer: GENERAL MOTORS CORPORATION

Executive Order No. A-6-178 Pg. 1

Engine (CID) 350/400 Exhaust Engine Family 08K4AA Evaporative Engine Families 0D4D-8, 0D4S-8

Fuel System 4V Rochester Carb. Part No. 17080503

**TRUCK MODEL IDENTIFICATION - Note 1.**



**② Chassis Type**

- 01—Conventional 4 x 2
- 02—Forward Control 4 x 2
- 03—Body Frame Integral
- 04—Conventional 4 x 4
- 05—Forward Drive
- 06—Forward Control 4 x 2 (Conventional)

**④ CA Dimension Model Type**

- 05—Blazer, Jimmy
- 06—Step-Van, Value Van
- 07—42" Pickup, Chassis-Cab
- 08—FC or Motor Home Chassis, Step-Van, Value Van
- 09—56" Suburban, Chassis-Cab, Pickup Van, Vandura, Chevy Van, Vandura, Spartan, Chassis-Cab, Step-Van, Value Van
- 10—46" FC Chassis, Chevy Van, Vandura, Spartan, Chassis-Cab, Step-Van, Value Van
- 11—Motor Home Chassis
- 12—Cherry Van, Vandura, Spartan, Rally Van, Curvey Van, Hi-Cube Van
- 13—48" FC or Motor Home Chassis, Chassis-Cab, Step-Van, Value Van
- 14—Curvey Van, Hi-Cube Van
- 15—Motor Home Chassis

**③ Series/GVW Range**

- 1—4800 to 7200
- 2—4100 to 6400
- 3—4400 to 14,200

**⑤ Body Code**

- 200—Box Body
- 228—Blazer, Jimmy w/White Top
- 239—Blazer, Jimmy w/Black Top
- 264—4V Curvey Van
- 281—Hi-Cube Van (10' Steel 96" Wide)
- 282—Step-Van, Value Van (Steel)
- 283—Step-Van, Value Van (Aluminum)
- 284—Hi-Cube Van (10' Steel 87" Wide)
- 286—Hi-Cube Van (96" Wide 10' Aluminum)
- 288—Hi-Cube Van (12' Steel 96" Wide)
- 289—Hi-Cube Van (96" Wide 12' Aluminum)
- 283—Suburban (End Gate)
- 262—Stepside (Fenderless) Pickup
- 263—Stepside (Wide Side) Pickup
- 294—Beauville Spartan, Rally STX

**⑥ Engine Code**

- LD4—250 S16
- LD3—292 S16
- LG9—303-2 V8
- LS9—350-4 V8
- LD4—400-4 V8
- LD1—454-4 V8
- LD1—350-DESA

Eng. Code See Also Pg. 2	Tune Up Label (s)	Air Cond.	Ign. Syst. EI, CA, VA DelcoRemy Distrib. Part No.	Fuel System 4V Rochester Carb. Part No.	EGR System. Valve Part No.	Trans. M=M-3, & M-4. A=A-3
1	VK	Both	1103435	17080503	17063338	M
7	VX	Both	1103339	17080524	17063328	M-4
13	WA	Both	1103339	17080526	17063328	M-4
17	LN, LK	w/o	1103436	17080506	17063337	A
18	LN, LK	w	1103436	17080508	17063337	A
19	LK	w/o	1103436	17080506	17063338	A
20	LK	w	1103436	17080508	17063338	A

**INDEX TO TUNE-UP LABELS - Supp. Data Sheet No.**

Single Fuel Tank only	LN	LK	LU	VK	VX	WA	WB

Note 1. Chevrolet models are listed. GMC Truck Div. has a complete line of matching models, not listed. For GMC models, read T instead of C as the first letter of the model code.

**ABBREVIATIONS:**

- CA - Centrifugal Advance
- EI - Electronic Ignition
- VA - Vacuum Advance
- nV - n Venturi Carburetor
- AI - Air Injection
- EGR - Exhaust Gas Recirculation
- OC - Oxidation Catalyst
- PAI - Pulse Air Injection

**Fuel System**

**Exh. Emiss.**

**Contr. Syst.**

EC 1 Carb. PN corrected 102479.

Issued: 081079.

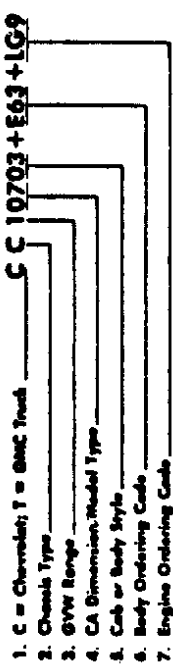
F44 - Hwy Dty GVH  
AS3 - Rear Seat

Manufacturer: GENERAL MOTORS CORPORATION

Executive Order No. A-6-178 Pg. 2

Engine (CID) 350/400 Exhaust Engine Family 08K4AA Evaporative Engine Families 0D4D-8, 0D4S-8

**TRUCK MODEL IDENTIFICATION - Note 1.**



- ① **Chassis Type**
  - G—Forward Control 4 x 2 (Body-Frame Integrated)
  - K—Conventional 4 x 2 (Rear Wheel Drive)
  - P—Forward Control 4 x 2 (Conventional)
- ② **CA Dimension Model Type**
  - 06—Blazer, Jimmy, Step-Van, Value Van
  - 07—42" Pickup, Chassis-Cab
  - 08—C or Motor Home Chassis, Step-Van, Value Van
  - 09—34" Suburban, Chassis-Cab, Pickup
  - 10—40"/K Chassis, Cherry Van, Vandura, Spartan, Chassis-Cab, Step-Van, Value Van
  - 11—Motor Home Chassis
  - 12—Cherry Van, Vandura, Spartan, Rally Van, Hi-Cube Van
  - 14—44"/K or Motor Home Chassis, Chassis-Cab, Step-Van, Value Van
  - 16—Caterpillar Van, Hi-Cube Van
  - 18—Motor Home Chassis
- ③ **Series/Qty Range**
  - 1—4000 to 7200
  - 2—4400 to 6400
  - 3—4400 to 14,300
- ④ **Body Style**
  - 200—Base Body
  - 238—Blazer, Jimmy w/White Top
  - 258—Blazer, Jimmy w/Black Top
  - 264—RV Conquest Van
  - 281—Hi-Cube Van (10' Steel 96" Wide)
  - 282—Step-Van, Value Van (Sheet)
  - 283—Step-Van, Value Van (Aluminum)
  - 284—Hi-Cube Van (10' Steel 87" Wide)
  - 285—Hi-Cube Van (96" Wide 10' Aluminum)
  - 286—Hi-Cube Van (12' Steel 96" Wide)
  - 287—Hi-Cube Van (96" Wide 12' Aluminum)
  - 288—Suburban (w/ Ford Ours)
  - 289—Step-Van (Rear Drive) Pickup
  - 290—Blazer (Wide Side) Pickup
  - 291—Blazer, Jimmy w/White Top
  - 292—Blazer, Jimmy w/Black Top
  - 293—Blazer, Jimmy w/White Top
  - 294—Blazer, Jimmy w/Black Top
  - 295—Blazer, Jimmy w/White Top
  - 296—Blazer, Jimmy w/Black Top
  - 297—Blazer, Jimmy w/White Top
  - 298—Blazer, Jimmy w/Black Top
  - 299—Blazer, Jimmy w/White Top
  - 300—Blazer, Jimmy w/Black Top
- ⑤ **Cab or Body Style**
  - 01—Conventional Cab (C-E models)
  - 02—Cherry Van, Vandura
  - 03—Suburban/Spartan, Rally Wagon with Panel Rear Door
  - 16—Blazer, Jimmy
  - 32—Motor Home Chassis
  - 42—Forward Control Chassis, Step-Van, Value Van
  - 43—Blazer Cab, Crew Cab
- ⑥ **Engine Code**
  - 104—350 Cu
  - 125—392 Cu
  - 169—303-2 V8
  - 174—400-4 V8
  - 175—434-4 V8
  - 176—350-0638

Eng. Code	Tune Up Label	Air Cond.	Ign. Syst. EI, CA, VA DelcoRemy Distrib. Part No.	Fuel System 4V Rochester Carb. Part No.	EGR System. Valve Part No.	Trans. M=M-3. & M-4. A=A-3
25	LK	w/o	1103435	17080506	17063369	A
26	LK	w	1103435	17080508	17063369	A
27	LK	w/o	1103436	17080506	17063339	A
28	LK	w	1103436	17080508	17063339	A
31	WB	w/o	1103339	17080525	17063369	A
32	WB	w	1103339	17080523	17063369	A
33	LK	w/o	1103372	17080506	17063339	A
34	LK	w	1103372	17080508	17063339	A
35	LK	w/o	1103435	17080506	17063341	A
36	LK	w	1103435	17080508	17063341	A
43	LU	w/o	1103423	17080527	17064034	A
44	LU	w	1103423	17080528	17064034	A

Issued: 081079.

F44 - Hvy Dty GW  
AS3 - Rear Seat

AIR RESOURCES BOARD 1980 SUPPLEMENTAL DATA SHEET - GM' FORMAT - GASOLINE-POWERED TRUCKS

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-178 Pg. 3

Light Duty Trucks  Medium Duty Vehicles Engine Family 08K4AA

Engine (CID) 350 Exhaust Emission Control System AI / EGR/OC +10% (A/C) Yes  No

Model Code	Body Code	Test Weight Class	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.		
																	See Page 1 for:	
CC10516		4750	17	A3														
		5000	1	M4	18	A3												
CC10703	+E62+F44	5500	13	M4														
		6000	31	A3	32	A3												
		4500	17	A3	18	A3												
		4750	1	M4														
CC10903	+E63+F44	4500	17	A3	18	A3												
		4750	1	M4														
		5500	13	M4														
		6000	31	A3	32	A3												
CC10906	+E62+F44	4750	17	A3	18	A3												
		5000	1	M4														
		4750	17	A3	18	A3												
		5000	1	M4														
CC10906	+E55	5250	1	M4	19	A3	20	A3										
		5250	1	M4	19	A3	20	A3										

Comments: See page one for evaporative emission family identification and engine code descriptions. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and frontal area.

Date of issue: 081079. Revisions: July on RC 1021

AIR RESOURCES BOARD 1980 SUPPLEMENTAL DATA SHEET - GM FORMAT - GASOLINE-POWERED TRUCKS

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-178 Pg. 4

Light Duty Trucks  Medium Duty Vehicles Engine Family 08K4AA  
 Engine (CID) 350 Exhaust Emission Control System AI / EGR/OC +10% (A/C) Yes  No

Model Code	Body Code	See Page 1 for:	Test Weight Class	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.			
																Eng. Code	Transm.	Eng. Code
CC20903	+E62		5500	13	M4													
			6000	31	A3													
			5000	25	A3													
			5250	7	M4													
			5250	7	M4													
CC20906	+E55		5500	33	A3													
			5500	33	A3													
CK10703	+E62		5000	7	M4													
			5000	7	M4													
CK10903	+E62		5000	27	A3													
			5250	7	M4													
CK10903	+E63		5250	7	M4													
			5250	7	M4													
CK10516			5250	27	A3													
			5500	7	M4													
CK10906	+E55		6000	33	A3													
			6000	33	A3													

Comments: See page one for evaporative emission family identification and engine code descriptions. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and frontal area.

Date of issue: 081079. Revisions: *orig on RC 1021*

AIR RESOURCES BOARD 1980 SUPPLEMENTAL DATA SHEET - GM FORMAT - GASOLINE-POWERED TRUCKS

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-178 Pg. 5

Light Duty Trucks  Medium Duty Vehicles Engine Family 08K4AA

Engine (CID) 350/400 Exhaust Emission Control System AI / EGR/OC +10% (A/C) Yes  No

Model Code	See Page 1 for:		Test Weight Class	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.	Eng. Code	Transm.	
	Body Code															
CK20903	+E62 +E63		5500 5500	35 35	A3 A3	36 36	A3 A3									
CG21005			4500	17	A3	18	A3									
CG21305			4750	17	A3	18	A3									
CG21006			4750	17	A3	18	A3									
CG21306	+E94		5000 5250 5250	17 18 17	A3 A3 A3	43 44 18	A3 A3 A3									

Comments: See page one for evaporative emission family identification and engine code descriptions. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and frontal area.

Date of issue: 081079. Revisions: Aug mRC 1021

Issued: 081079

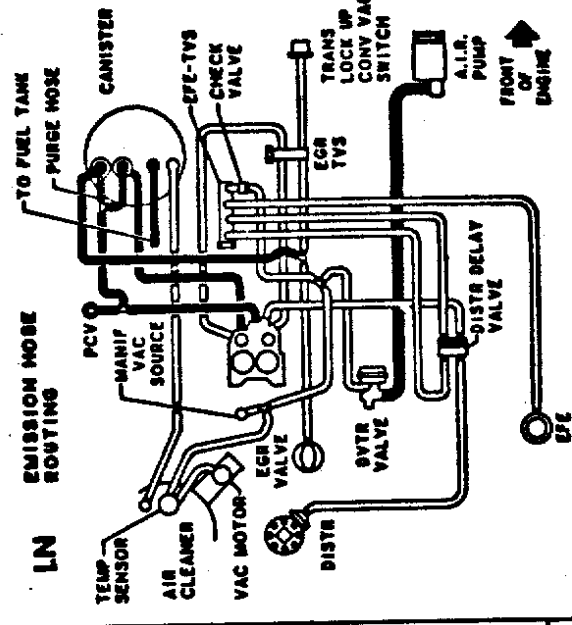
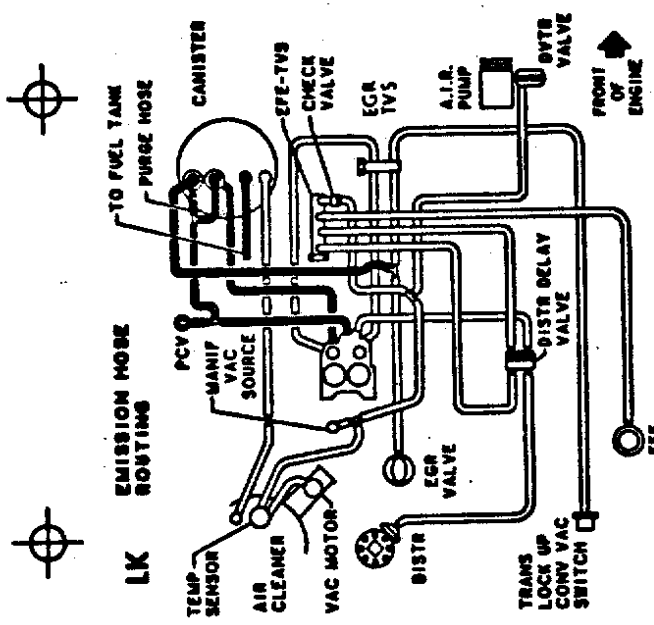
E.O. No. A-6-178  
Eng. Fam. 08K4AA  
S.D. Sheet 6

<b>LK</b> 5.7 LITER 08K4AA 000-5	<b>VEHICLE EMISSION CONTROL INFORMATION</b> GENERAL MOTORS CORPORATION		<b>CATALYST</b> AIR-EGR LOW ALTITUDE CERTIFICATION TIMING (°TC @ RPM) SPARK PLUG GAP (IN.) IDLE SPEED SCREW (RPM) (SOLENOID INACTIVE) IDLE SPEED SOLENOID (RPM) (SOLENOID ACTIVE) FAST IDLE SPEED SCREW (RPM)	TRANSMISSION AUTOMATIC 5 <sup>th</sup> @ 500 (DR) 0.045 500 (DR) 600 (DR) 1400 (N) OR (P)
	<p>SET PARKING BRAKE AND BLOCK DRIVE WHEELS. MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE. CHOKE FULL OPEN, AIR CLEANER INSTALLED, AND AIR CONDITIONING OFF, EXCEPT WHERE NOTED.</p> <ol style="list-style-type: none"> <li>DISTRIBUTOR: DISCONNECT AND PLUG VACUUM HOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPECIFIED ENGINE SPEED. UNPLUG AND RECONNECT VACUUM HOSE TO DISTRIBUTOR.</li> <li>IDLE SPEED SCREW: DISCONNECT ELECTRICAL LEAD FROM IDLE SOLENOID, IF EQUIPPED. ADJUST CARBURETOR IDLE SPEED SCREW TO SPECIFIED SPEED. RECONNECT LEAD TO SOLENOID.</li> <li>IDLE SPEED SOLENOID (IF EQUIPPED): DISCONNECT ELECTRICAL LEAD FROM AIR CONDITIONING COMPRESSOR AND TURN A/C SWITCH ON. OPEN THROTTLE MOMENTARILY TO ASSURE SOLENOID IS FULLY EXTENDED. ADJUST SOLENOID TO SPECIFIED SPEED. RECONNECT COMPRESSOR LEAD AND TURN A/C OFF.</li> <li>FAST IDLE SPEED SCREW: WITH ENGINE OFF, PLACE THROTTLE ON HIGH STEP OF FAST IDLE CAM. DISCONNECT AND PLUG VACUUM HOSE AT EGR VALVE. START ENGINE WITHOUT TOUCHING THROTTLE. ADJUST TO SPECIFIED SPEED. OPEN THROTTLE TO RELEASE FAST IDLE CAM. STOP ENGINE, UNPLUG AND RECONNECT VACUUM HOSE TO EGR VALVE.</li> </ol>			

THIS VEHICLE CONFORMS TO U.S. EPA REGULATIONS APPLICABLE TO 1980 MODEL YEAR NEW LIGHT-DUTY TRUCKS AND CALIFORNIA REGULATIONS APPLICABLE TO 1980 MODEL YEAR NEW MEDIUM-DUTY VEHICLES.

<b>LN</b> 5.7 LITER 08K4AA 000-5	<b>VEHICLE EMISSION CONTROL INFORMATION</b> GENERAL MOTORS CORPORATION		<b>CATALYST</b> AIR-EGR LOW ALTITUDE CERTIFICATION TIMING (°TC @ RPM) SPARK PLUG GAP (IN.) IDLE SPEED SCREW (RPM) (SOLENOID INACTIVE) IDLE SPEED SOLENOID (RPM) (SOLENOID ACTIVE) FAST IDLE SPEED SCREW (RPM)	TRANSMISSION AUTOMATIC 5 <sup>th</sup> @ 500 (DR) 0.045 500 (DR) 600 (DR) 1400 (P) OR (N)
	<p>SET PARKING BRAKE AND BLOCK DRIVE WHEELS. MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE. CHOKE FULL OPEN, AIR CLEANER INSTALLED, AND AIR CONDITIONING OFF, EXCEPT WHERE NOTED.</p> <ol style="list-style-type: none"> <li>DISTRIBUTOR: DISCONNECT AND PLUG VACUUM HOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPECIFIED ENGINE SPEED. UNPLUG AND RECONNECT VACUUM HOSE TO DISTRIBUTOR.</li> <li>IDLE SPEED SCREW: DISCONNECT ELECTRICAL LEAD FROM IDLE SOLENOID, IF EQUIPPED. ADJUST CARBURETOR IDLE SPEED SCREW TO SPECIFIED SPEED. RECONNECT LEAD TO SOLENOID.</li> <li>IDLE SPEED SOLENOID (IF EQUIPPED): DISCONNECT ELECTRICAL LEAD FROM AIR CONDITIONING COMPRESSOR AND TURN A/C SWITCH ON. OPEN THROTTLE MOMENTARILY TO ASSURE SOLENOID IS FULLY EXTENDED. ADJUST SOLENOID TO SPECIFIED SPEED. RECONNECT COMPRESSOR LEAD AND TURN A/C OFF.</li> <li>FAST IDLE SPEED SCREW: WITH ENGINE OFF, PLACE THROTTLE ON HIGH STEP OF FAST IDLE CAM. DISCONNECT AND PLUG VACUUM HOSE AT EGR VALVE. START ENGINE WITHOUT TOUCHING THROTTLE. ADJUST TO SPECIFIED SPEED. OPEN THROTTLE TO RELEASE FAST IDLE CAM. STOP ENGINE, UNPLUG AND RECONNECT VACUUM HOSE TO EGR VALVE.</li> </ol>			

THIS VEHICLE CONFORMS TO U.S. EPA REGULATIONS APPLICABLE TO 1980 MODEL YEAR NEW LIGHT-DUTY TRUCKS AND CALIFORNIA REGULATIONS APPLICABLE TO 1980 MODEL YEAR NEW MEDIUM-DUTY VEHICLES.





1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer: General Motors Corporation Executive Order No. A-6-178 Pg. 7

Issued: 081079

**LU**  
6.4 LITER  
# 08K4AA  
0045-3

**VEHICLE EMISSION CONTROL INFORMATION**  
GENERAL MOTORS CORPORATION

SET PARKING BRAKE AND BLOCK DRIVE WHEELS.  
MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE FULL OPEN,  
AIR CLEANER INSTALLED, AND AIR CONDITIONING OFF, EXCEPT WHERE NOTED.

1. DISTRIBUTOR. DISCONNECT AND PLUG VACUUM HOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPECIFIED ENGINE SPEED. UNPLUG AND RECONNECT VACUUM HOSE TO DISTRIBUTOR.
2. IDLE SPEED SCREW. DISCONNECT ELECTRICAL LEAD FROM IDLE SOLENOID, IF EQUIPPED. ADJUST CARBURETOR IDLE SPEED SCREW TO SPECIFIED SPEED. RECONNECT LEAD TO SOLENOID.
3. IDLE SPEED SOLENOID (IF EQUIPPED). DISCONNECT ELECTRICAL LEAD FROM AIR CONDITIONING COMPRESSOR AND TURN A/C SWITCH ON. OPEN THROTTLE MOMENTARILY TO ASSURE SOLENOID IS FULLY EXTENDED. ADJUST SOLENOID TO SPECIFIED SPEED. RECONNECT COMPRESSOR LEAD AND TURN A/C OFF.
4. FAST IDLE SPEED SCREW. WITH ENGINE OFF, PLACE THROTTLE ON HIGH STEP OF FAST IDLE CABLE. DISCONNECT AND PLUG VACUUM HOSE AT EGR VALVE. START ENGINE WITHOUT TOUCHING THROTTLE. ADJUST TO SPECIFIED SPEED. OPEN THROTTLE TO RELEASE FAST IDLE CABLE. STOP ENGINE. UNPLUG AND RECONNECT VACUUM HOSE TO EGR VALVE.

**CATALYST**

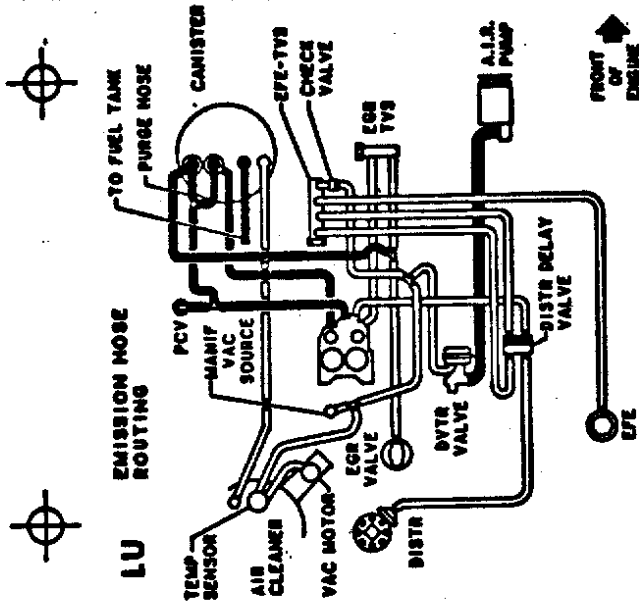
TRANSMISSION	AUTOMATIC
LOW ALTITUDE CERTIFICATION	4" @ 500 (RPM)
SPARK PLUG GAP (IN.)	0.045
IDLE SPEED SCREW (RPM) (SOLENOID INACTIVE)	500 (RPM)
IDLE SPEED SOLENOID (RPM) (SOLENOID ACTIVE)	600 (RPM)
FAST IDLE SPEED SCREW (RPM)	1600 (RPM) OR (R)

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

SEE SERVICE MANUAL, MAINTENANCE SCHEDULE I AND EMISSION HOSE ROUTING DIAGRAM FOR ADDITIONAL INFORMATION.

PT. NO. 14020446

THIS VEHICLE CONFORMS TO U.S. EPA REGULATIONS APPLICABLE TO 1980 MODEL YEAR NEW LIGHT-DUTY TRUCKS AND CALIFORNIA REGULATIONS APPLICABLE TO 1980 MODEL YEAR NEW MEDIUM-DUTY VEHICLES.

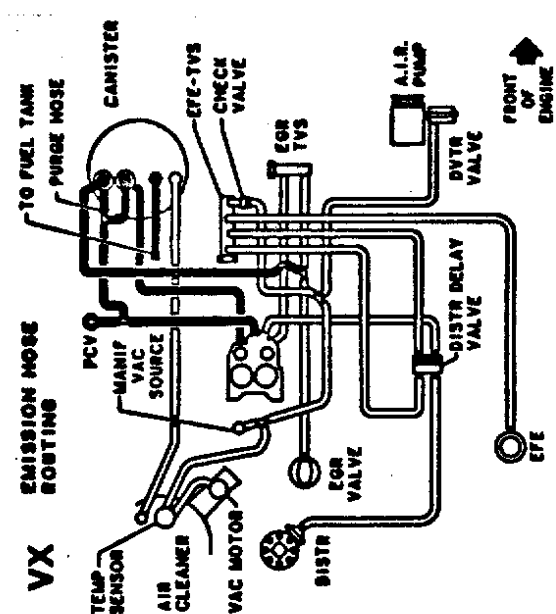
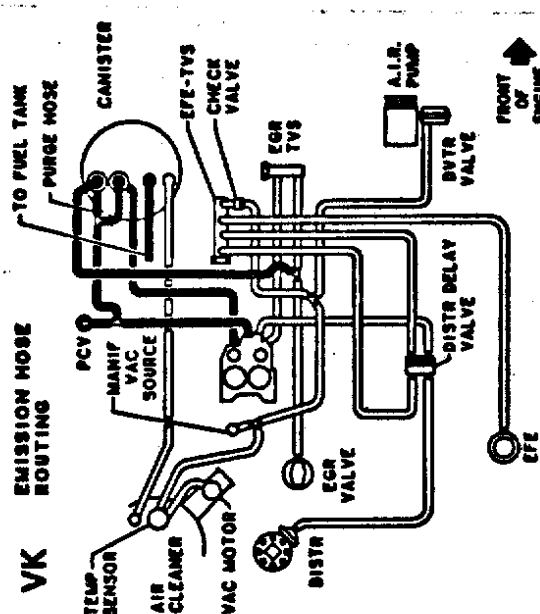


<b>CATALYST</b> AR-EGR LOW ALTITUDE CERTIFICATION		TRANSMISSION MANUAL
TIMING (° BTDC @ RPM)		8° @ 700 (M)
SPARK PLUG GAP (IN.)		0.045
IDLE SPEED SCREW (RPM) (SOLENOID INACTIVE)		700 (M)
IDLE SPEED SOLENOID (RPM) (SOLENOID ACTIVE)		---
FAST IDLE SPEED SCREW (RPM)		1400 (M)
<p><b>NOTE:</b> IDLE MIXTURE SCREWS ARE PRESET AND SEALED AT FACTORY. PROVISION FOR ADJUSTMENT DURING TUNE UP IS NOT PROVIDED.</p> <p>SEE SERVICE MANUAL, MAINTENANCE SCHEDULE I AND EMISSION HOSE ROUTING DIAGRAM FOR ADDITIONAL INFORMATION.</p>		

- VEHICLE EMISSION CONTROL INFORMATION**  
GENERAL MOTORS CORPORATION
- GET PARKING BRAKE AND BLOCK DRIVE WHEELS.**  
MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE. CHOKE FULL OPEN. AIR CLEANER INSTALLED, AND AIR CONDITIONING OFF, EXCEPT WHERE NOTED.
- DISTRIBUTOR, DISCONNECT AND PLUG VACUUM HOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPECIFIED ENGINE SPEED. UNPLUG AND RECONNECT VACUUM HOSE TO DISTRIBUTOR.
  - IDLE SPEED SCREW: DISCONNECT ELECTRICAL LEAD FROM IDLE SOLENOID, IF EQUIPPED. ADJUST CARBURETOR IDLE SPEED SCREW TO SPECIFIED SPEED. RECONNECT LEAD TO SOLENOID.
  - IDLE SPEED SOLENOID (IF EQUIPPED): DISCONNECT ELECTRICAL LEAD FROM AIR CONDITIONING COMPRESSOR AND TURN A/C SWITCH ON. OPEN THROTTLE MOMENTARILY TO ASSURE SOLENOID IS FULLY EXTENDED. ADJUST SOLENOID TO SPECIFIED SPEED. RECONNECT COMPRESSOR LEAD AND TURN A/C OFF.
  - FAST IDLE SPEED SCREW: WITH ENGINE OFF, PLACE THROTTLE ON HIGH STEP OF FAST IDLE CAM. DISCONNECT AND PLUG VACUUM HOSE AT EGR VALVE. START ENGINE WITHOUT TOUCHING THROTTLE. ADJUST TO SPECIFIED SPEED. OPEN THROTTLE TO RELEASE FAST IDLE CAM. STOP ENGINE. UNPLUG AND RECONNECT VACUUM HOSE TO EGR VALVE.

<b>CATALYST</b> AR-EGR LOW ALTITUDE CERTIFICATION		TRANSMISSION MANUAL
TIMING (° BTDC @ RPM)		8° @ 700 (M)
SPARK PLUG GAP (IN.)		0.045
IDLE SPEED SCREW (RPM) (SOLENOID INACTIVE)		700 (M)
IDLE SPEED SOLENOID (RPM) (SOLENOID ACTIVE)		---
FAST IDLE SPEED SCREW (RPM)		1300 (M)
<p><b>NOTE:</b> IDLE MIXTURE SCREWS ARE PRESET AND SEALED AT FACTORY. PROVISION FOR ADJUSTMENT DURING TUNE UP IS NOT PROVIDED.</p> <p>SEE SERVICE MANUAL, MAINTENANCE SCHEDULE I AND EMISSION HOSE ROUTING DIAGRAM FOR ADDITIONAL INFORMATION.</p>		

- VEHICLE EMISSION CONTROL INFORMATION**  
GENERAL MOTORS CORPORATION
- GET PARKING BRAKE AND BLOCK DRIVE WHEELS.**  
MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE. CHOKE FULL OPEN. AIR CLEANER INSTALLED, AND AIR CONDITIONING OFF, EXCEPT WHERE NOTED.
- DISTRIBUTOR: DISCONNECT AND PLUG VACUUM HOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPECIFIED ENGINE SPEED. UNPLUG AND RECONNECT VACUUM HOSE TO DISTRIBUTOR.
  - IDLE SPEED SCREW: DISCONNECT ELECTRICAL LEAD FROM IDLE SOLENOID, IF EQUIPPED. ADJUST CARBURETOR IDLE SPEED SCREW TO SPECIFIED SPEED. RECONNECT LEAD TO SOLENOID.
  - IDLE SPEED SOLENOID (IF EQUIPPED): DISCONNECT ELECTRICAL LEAD FROM AIR CONDITIONING COMPRESSOR AND TURN A/C SWITCH ON. OPEN THROTTLE MOMENTARILY TO ASSURE SOLENOID IS FULLY EXTENDED. ADJUST SOLENOID TO SPECIFIED SPEED. RECONNECT COMPRESSOR LEAD AND TURN A/C OFF.
  - FAST IDLE SPEED SCREW: WITH ENGINE OFF, PLACE THROTTLE ON HIGH STEP OF FAST IDLE CAM. DISCONNECT AND PLUG VACUUM HOSE AT EGR VALVE. START ENGINE WITHOUT TOUCHING THROTTLE. ADJUST TO SPECIFIED SPEED. OPEN THROTTLE TO RELEASE FAST IDLE CAM. STOP ENGINE. UNPLUG AND RECONNECT VACUUM HOSE TO EGR VALVE.



Issued: 081079

**WA**  
5.7 LITER  
# 08K4AA  
004D-8

**VEHICLE EMISSION CONTROL INFORMATION**  
GENERAL MOTORS CORPORATION

SET PARKING BRAKE AND BLOCK DRIVE WHEELS. MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE. CHOKE FULL OPEN, AIR CLEANER INSTALLED, AND AIR CONDITIONING OFF, EXCEPT WHERE NOTED.

1. DISTRIBUTOR, DISCONNECT AND PLUG VACUUM HOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPECIFIED ENGINE SPEED. UNPLUG AND RECONNECT VACUUM HOSE TO DISTRIBUTOR.
2. IDLE SPEED SCREW: DISCONNECT ELECTRICAL LEAD FROM IDLE SOLENOID, IF EQUIPPED. ADJUST CARBURETOR IDLE SPEED SCREW TO SPECIFIED SPEED. RECONNECT LEAD TO SOLENOID.
3. IDLE SPEED SOLENOID (IF EQUIPPED): DISCONNECT ELECTRICAL LEAD FROM AIR CONDITIONING COMPRESSOR AND TURN A/C SWITCH ON, OPEN THROTTLE MOMENTARILY TO ASSURE SOLENOID IS FULLY EXTENDED. ADJUST SOLENOID TO SPECIFIED SPEED. RECONNECT COMPRESSOR LEAD AND TURN A/C OFF.
4. FAST IDLE SPEED SCREW: WITH ENGINE OFF, PLACE THROTTLE ON HIGH STEP OF FAST IDLE CAM. DISCONNECT AND PLUG VACUUM HOSE AT EGR VALVE. START ENGINE WITHOUT TOUCHING THROTTLE. ADJUST TO SPECIFIED SPEED. OPEN THROTTLE TO RELEASE FAST IDLE CAM. STOP ENGINE, UNPLUG AND RECONNECT VACUUM HOSE TO EGR VALVE.

THIS VEHICLE CONFORMS TO U.S. EPA AND CALIFORNIA REGULATIONS APPLICABLE TO 1980 MODEL YEAR NEW MOTOR VEHICLES WHEN COMPLETED AT A MAXIMUM CURB WEIGHT OF 5450 POUNDS AND A MAXIMUM FRONTAL AREA OF 41.6 SQUARE FEET.

**WB**  
5.7 LITER  
# 08K4AA  
004D-8

**VEHICLE EMISSION CONTROL INFORMATION**  
GENERAL MOTORS CORPORATION

SET PARKING BRAKE AND BLOCK DRIVE WHEELS. MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE. CHOKE FULL OPEN, AIR CLEANER INSTALLED, AND AIR CONDITIONING OFF, EXCEPT WHERE NOTED.

1. DISTRIBUTOR: DISCONNECT AND PLUG VACUUM HOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPECIFIED ENGINE SPEED. UNPLUG AND RECONNECT VACUUM HOSE TO DISTRIBUTOR.
2. IDLE SPEED SCREW: DISCONNECT ELECTRICAL LEAD FROM IDLE SOLENOID, IF EQUIPPED. ADJUST CARBURETOR IDLE SPEED SCREW TO SPECIFIED SPEED. RECONNECT LEAD TO SOLENOID.
3. IDLE SPEED SOLENOID (IF EQUIPPED): DISCONNECT ELECTRICAL LEAD FROM AIR CONDITIONING COMPRESSOR AND TURN A/C SWITCH ON, OPEN THROTTLE MOMENTARILY TO ASSURE SOLENOID IS FULLY EXTENDED. ADJUST SOLENOID TO SPECIFIED SPEED. RECONNECT COMPRESSOR LEAD AND TURN A/C OFF.
4. FAST IDLE SPEED SCREW: WITH ENGINE OFF, PLACE THROTTLE ON HIGH STEP OF FAST IDLE CAM. DISCONNECT AND PLUG VACUUM HOSE AT EGR VALVE. START ENGINE WITHOUT TOUCHING THROTTLE. ADJUST TO SPECIFIED SPEED. OPEN THROTTLE TO RELEASE FAST IDLE CAM. STOP ENGINE, UNPLUG AND RECONNECT VACUUM HOSE TO EGR VALVE.

THIS VEHICLE CONFORMS TO U.S. EPA AND CALIFORNIA REGULATIONS APPLICABLE TO 1980 MODEL YEAR NEW MOTOR VEHICLES WHEN COMPLETED AT A MAXIMUM CURB WEIGHT OF 5950 POUNDS AND A MAXIMUM FRONTAL AREA OF 41.6 SQUARE FEET.

**CATALYST**

TRANSMISSION	MANUAL
LOW ALTITUDE CERTIFICATION	
TIMING (°YC @ RPM)	6° @ 700 (M)
SPARK PLUG GAP (IN.)	0.045
IDLE SPEED SCREW (RPM) (SOLENOID INACTIVE)	700 (M)
IDLE SPEED SOLENOID (RPM) (SOLENOID ACTIVE)	—
FAST IDLE SPEED SCREW (RPM)	1300 (M)

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

SEE SERVICE MANUAL, MAINTENANCE SCHEDULE I AND EMISSION HOSE ROUTING DIAGRAM FOR ADDITIONAL INFORMATION.

FORM 0811A

PT. NO. 14020A57

**CATALYST**

TRANSMISSION	AUTOMATIC
LOW ALTITUDE CERTIFICATION	
TIMING (°YC @ RPM)	6° @ 500 (M)
SPARK PLUG GAP (IN.)	0.045
IDLE SPEED SCREW (RPM) (SOLENOID INACTIVE)	500 (M)
IDLE SPEED SOLENOID (RPM) (SOLENOID ACTIVE)	400 (M)
FAST IDLE SPEED SCREW (RPM)	1600 (M) OR (F)

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

SEE SERVICE MANUAL, MAINTENANCE SCHEDULE I AND EMISSION HOSE ROUTING DIAGRAM FOR ADDITIONAL INFORMATION.

FORM 0811A

PT. NO. 14020A57

