

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".

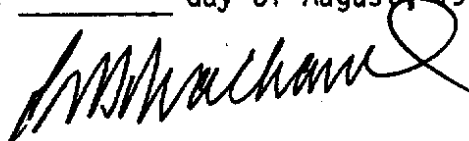
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model year.

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 10th day of August, 1979.



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

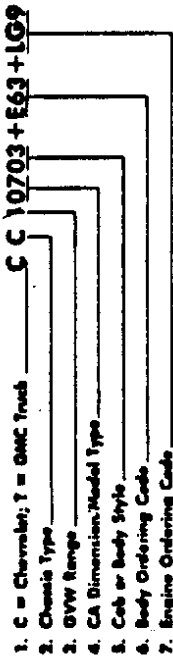
Manufacturer: GENERAL MOTORS CORPORATION

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.



③

- 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—47" 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
 - 13—Wagon, Cutaway Van, Hi-Cube Van
 - 14—48" FC or Motor Home Chassis, Chassis-Cab, Step-Van, Value Van
 - 15—Cutaway Van, Hi-Cube Van
 - 16—Motor Home Chassis

⑤

- Series/GVW Range**
- 1—4800 to 7200
 - 2—4100 to 6400
 - 3—4400 to 14,200

⑥

- Cab or Body Style**
- 01—Conventional Cab (C-E models)
 - 02—Curvy Van, Hi-Cube Van (G models)
 - 03—Cherry Van, Vandura
 - 04—Suburban Spartan, Rally Wagon with Panel Rear Door
 - 05—Blazer, Jimmy
 - 06—Motor Home Chassis
 - 07—Forward Control Chassis, Step-Van, Value Van
 - 08—8-Door Cab Crew Cab

⑦

- Engine Code**
- LD4—250 Six
 - LD3—292 Six
 - 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:

- Ignition System**
- 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.

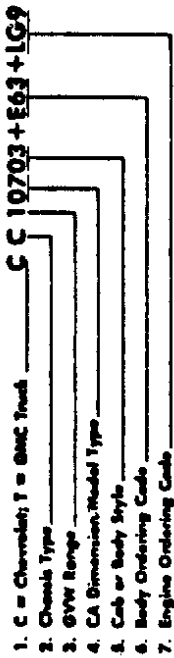
F44 - Hwy Dty GVH
AS3 - Rear Seat

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**
 C—Conventional 4 x 2
 F—Forward Control 4 x 2
 K—Conventional 4 x 4
 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 Name Chassis, Step-Van, Value Van
 09—34" Suburban, Chassis-Cab, Pickup
 10—40"/KC Chassis, Cherry Van, Vandore, Spartan, Chassis-Cab, Step-Van, Value Van
- ③ Motor Name Chassis**
 11—Motor Name Chassis
 12—Cherry Van, Vandore, Spartan, Rally Van, Hi-Cube Van
 14—44"/KC or Motor Name Chassis, Chassis-Cab, Step-Van, Value Van
 16—Cherry Van, Vandore, Spartan, Hi-Cube Van
 18—Motor Name Chassis
- ④ Series/Qty Range**
 1—4000 to 7200
 2—4400 to 6400
 3—4400 to 14,300
- ⑤ Cab or Body Style**
 02—Conventional Cab (C-E models)
 03—Cherry Van, Vandore
 04—Suburban/Spartan, Rally Wagon with Panel Rear Door
 16—Blazer, Jimmy
 32—Motor Name Chassis
 42—Forward Control Chassis, Step-Van, Value Van
 43—Blazer Cab, Crew Cab
- ⑥ Body Style**
 200—Base Body
 238—Blazer, Jimmy w/White Top
 258—Blazer, Jimmy w/Black Top
 264—RV Conquest Van
 331—Hi-Cube Van (10' Steel 96" Wide)
 332—Step-Van, Value Van (Steel)
 333—Step-Van, Value Van (Aluminum)
 334—Hi-Cube Van (10' Steel 87" Wide)
 335—Hi-Cube Van (96" Wide 10' Aluminum)
 336—Hi-Cube Van (10' Steel 96" Wide)
 337—Hi-Cube Van (96" Wide 10' Aluminum)
 338—Suburban (w/ Ford Ours) Pickup
 339—Suburban (w/ Ford Ours) Pickup
 340—Suburban (w/ Ford Ours) Pickup
 341—Suburban (w/ Ford Ours) Pickup
 342—Suburban (w/ Ford Ours) Pickup
 343—Suburban (w/ Ford Ours) Pickup
 344—Suburban (w/ Ford Ours) Pickup
 345—Suburban (w/ Ford Ours) Pickup
 346—Suburban (w/ Ford Ours) Pickup
 347—Suburban (w/ Ford Ours) Pickup
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 393—Suburban (w/ Ford Ours) Pickup
 394—Suburban (w/ Ford Ours) Pickup
 395—Suburban (w/ Ford Ours) Pickup
 396—Suburban (w/ Ford Ours) Pickup
 397—Suburban (w/ Ford Ours) Pickup
 398—Suburban (w/ Ford Ours) Pickup
 399—Suburban (w/ Ford Ours) Pickup
 400—Suburban (w/ Ford Ours) Pickup

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.
CC10516		4750	17	A3												
		5000	1	M4	18	A3										
CC10703		5500	13	M4	32	A3										
		6000	31	A3	18	A3										
	+E62+F44	4500	17	A3												
	+E63+F44	4750	1	M4	18	A3										
CC10903		4500	17	A3												
		4750	1	M4	18	A3										
		5500	13	M4	32	A3										
		6000	31	A3	18	A3										
	+E62+F44	4750	17	A3												
	+E63+F44	5000	1	M4	18	A3										
CC10906		4750	17	A3												
		5000	1	M4	18	A3										
		5250	1	M4	19	A3	20	A3								
	+E55	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.			
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													
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	Code														
CK20903	+E62		5500	35	A3											
	+E63		5500	35	A3	36	A3									
CG21005			4500	17	A3	18	A3	43	A3	44	A3					
CG21305			4750	17	A3	18	A3	43	A3	44	A3					
CG21006			4750	17	A3	18	A3	43	A3	44	A3					
CG21306			5000	17	A3	43	A3	43	A3	44	A3					
			5250	18	A3	44	A3									
	+E94		5250	17	A3	18	A3	43	A3	44	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

LK
5.7 LITER
08K4AA
0000-9

VEHICLE EMISSION CONTROL INFORMATION
GENERAL MOTORS CORPORATION 

SET PARKING BRAKE AND BLOCK DRIVE WHEELS. MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE. CHOSE 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.

CATALYST
AIR-EGR
LOW ALTITUDE CERTIFICATION

TRANSMISSION	AUTOMATIC
TUNING ("BT" @ RPM)	"B" @ 500 (DR)
SPARK PLUG GAP (IN.)	0.045
IDLE SPEED SCREW (RPM) (SOLENOID INACTIVE)	500 (DR)
IDLE SPEED SOLENOID (RPM) (SOLENOID ACTIVE)	600 (DR)
FAST IDLE SPEED SCREW (RPM)	1400 (N) OR (P)

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.

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.

LN
5.7 LITER
08K4AA
0000-9

VEHICLE EMISSION CONTROL INFORMATION
GENERAL MOTORS CORPORATION 

SET PARKING BRAKE AND BLOCK DRIVE WHEELS. MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE. CHOSE 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.

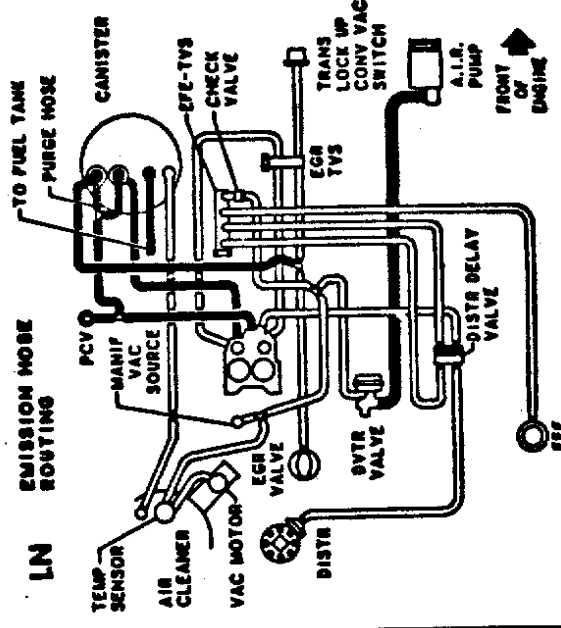
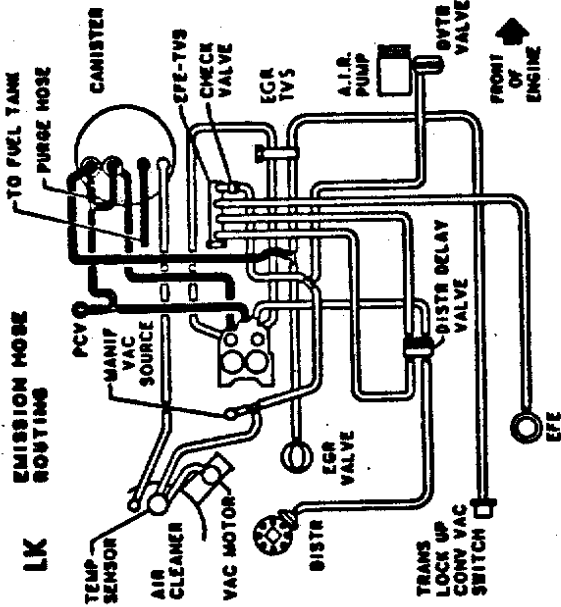
CATALYST
AIR-EGR
LOW ALTITUDE CERTIFICATION

TRANSMISSION	AUTOMATIC
TUNING ("BT" @ RPM)	"B" @ 500 (DR)
SPARK PLUG GAP (IN.)	0.045
IDLE SPEED SCREW (RPM) (SOLENOID INACTIVE)	500 (DR)
IDLE SPEED SOLENOID (RPM) (SOLENOID ACTIVE)	600 (DR)
FAST IDLE SPEED SCREW (RPM)	1400 (P) OR (N)

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.

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

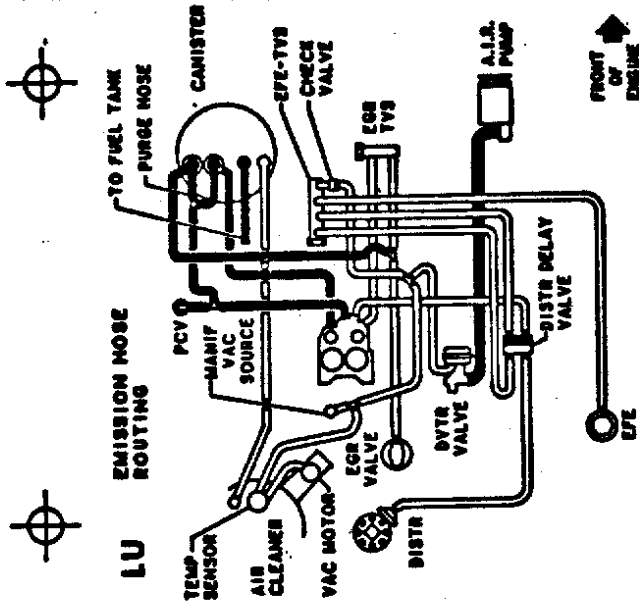
TRANSMISSION	AUTOMATIC
LOW ALTITUDE CERTIFICATION	4" @ 500 (RPM)
SPARK PLUG GAP (IN.)	0.045
IDLE SPEED SCREW (RPM) (SOLENOID INACTIVE)	500 (RPM)
IDLE SPEED SOLENOID (RPM) (SOLENOID ACTIVE)	600 (RPM)
FAST IDLE SPEED SCREW (RPM)	1600 (RPM) OR (R)

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.



CATALYST AR-EGR LOW ALTITUDE CERTIFICATION		TRANSMISSION MANUAL
TIMING (° BT @ 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)

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.

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.

PT. NO. 140021800



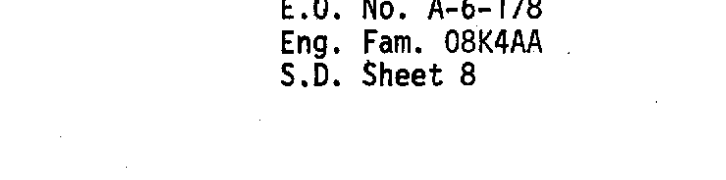
CATALYST AR-EGR LOW ALTITUDE CERTIFICATION		TRANSMISSION MANUAL
TIMING (° BT @ RPM)		8° @ 700 (M)
SPARK PLUG GAP (IN.)		0.045
IDLE SPEED SCREW (RPM) (SOLENOID INACTIVE)		700 (M)
IDLE SPEED SOLENOID (RPM) (SOLENOID ACTIVE)		---
FAST IDLE SPEED SCREW (RPM)		1300 (M)

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.

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.

PT. NO. 140021810



VK
5.7 LITER
08K4AA
0040-5

VX
5.7 LITER
08K4AA
0040-5

LET 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.

LET 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 (°BTIC @ 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.

PT. NO. 14020A57

CATALYST

TRANSMISSION	AUTOMATIC
LOW ALTITUDE CERTIFICATION	
TIMING (°BTIC @ 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.

PT. NO. 14020A57

