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State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-177
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 light duty trucks.

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
08K4AA	350	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:

Engine Family	Inertia Weight Class	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
08K4AA	4000-6000	0.31	7.4	1.2

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

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

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

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

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-177 Pg. 1

Engine (CID) 350 Exhaust Engine Family 08K4AA Evaporative Engine Families 0D4S-8

TRUCK MODEL IDENTIFICATION - Note 1.

1. C = Chevrolet; T = GMC Truck — C C 10703+E63+LG9
2. Chassis Type
3. GVW Range
4. CA Dimension/Model Type
5. Cab or Body Style
6. Body Ordering Code
7. Engine Ordering Code

② Chassis Type
C—Conventional 4 x 2
G—Forward Control 4 x 2 (Body-Frame Integral)
K—Conventional 4 x 4 (Four Wheel Drive)
P—Forward Control 4 x 2 (Conventional)

③ Series/GVW Range
1—4800 to 7300
2—6400 to 8400
3—6400 to 14,500

⑤ Cab or Body Style
03—Conventional Cab (C-K models); Cutaway Van, Hi-Cube Van (G models)
05—Chevy Van, Vandura
06—Suburban/Sportvan, Rally Wagon with Panel Rear Doors
16—Blazer, Jimmy
32—Motor Home Chassis
42—Forward Control Chassis, Step-Van, Value Van
43—Bonus Cab Crew Cab

④ CA Dimension Model Type
05—Blazer, Jimmy, 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
10—60"/PC Chassis, Chevy Van, Vandura, Sportvan, Rally Wagon, Chassis-Cab, Step-Van, Value Van
11—Motor Home Chassis
13—Chevy Van, Vandura, Sportvan, Rally Wagon, Cutaway Van, Hi-Cube Van
14—84"/FC or Motor Home Chassis, Chassis-Cab, Step-Van, Value Van
16—Cutaway Van, Hi-Cube Van
18—Motor Home Chassis

⑥ Body Code
ZW9—Base Body
Z58—Blazer, Jimmy w/White Top
Z59—Blazer, Jimmy w/Black Top
Z64—RV Cutaway Van
E31—Hi-Cube Van (10' Steel 96" Wide)
E32—Step-Van, Value Van (Steel)
E33—Step-Van, Value Van (Aluminum)
E34—Hi-Cube Van (10' Steel 82" Wide)
E36—Hi-Cube Van (96" Wide 10' Aluminum)
E38—Hi-Cube Van (12' Steel 96" Wide)
E39—Hi-Cube Van (96" Wide 12' Aluminum)
E55—Suburban (w/End Gate)
E62—Stepside (Fenderside) Pickup
E63—Fleetside (Wide Side) Pickup
E74—Beauville Sportvan, Rally STX

⑦ Engine Code
LD4—250 Six
L25—292 Six
LQ9—305-2 V8
L59—350-4 V8
LF4—400-4 V8
LF8—454-4 V8
LF9—350-DIESEL

F44 - Hvy Dty GVW
AS3 - Rear Seat

Eng. Code	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
37	LM	WO	1103339	17080506	17063335	A
38	LM	W	1103339	17080508	17063335	A

INDEX TO TUNE-UP LABELS - Supp. Data Sheet No. 3

Single Fuel Tank only LM

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

Fuel System
- nV - n Venturi Carburetor

Exh. Emiss. Contr. Syst.
- AI - Air Injection
- EGR - Exhaust Gas Recirculation
- OC - Oxidation Catalyst
- PAI - Pulse Air Injection

Issued: 081079.

E. O. Bump

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

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-177 Pg. 2

☒ Light Duty Trucks ☐ Medium Duty Vehicles Engine Family 08K4AA

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

See Page 1 for:																				
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.	
CG11005		4250	37	A																
		4500	38	A																
CG11305		4500	37	A																
		4750	38	A																
CG11006		4750	37	A		38	A													

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: CG11006 with EC 37 was 4500 before letter ML-OC107, updated on 102780.

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 ☐

See Page 1 for:																				
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.	
CC10516		4750	17	A3		18	A3													
		5000	1	M4																
CC10703		5500	13	M4																
		6000	31	A3		32	A3													
	+E62+F44	4500	17	A3		18	A3		1	M4										
	+E63+F44	4500	17	A3		18	A3													
		4750	1	M4																
CC10903		5500	13	M4																
		6000	31	A3		32	A3													
	+E62+F44	4750	17	A3		18	A3		1	M4										
	+E63+F44	4750	17	A3		18	A3													
		5000	1	M4																
CC10906		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: Test Weight Classes updated (5 places) by RC 01-200 &/or letter ML-0C107, on 102780.

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 ☐

See Page 1 for:																					
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.	
CC20903		5500	13	M4																
		6000	31	A3		32	A3													
	+E62	5000	25	A3		7	M4		26	A3										
	+E63	5000				25	A3		26	A3										
		5250	7	M4																
CC20906		5500	33	A3		34	A3													
	+E55	5500	33	A3		34	A3													
CK10703	+E62	4750	27	A3																
		5000	7	M4					28	A3										
	+E63	5000	7	M4		27	A3		28	A3										
CK10903	+E62																			
CK10903	+E62	5250	7	M4		28	A3		27	A3										
	+E63	5250	7	M4		27	A3		28	A3										
CK10516		5250	27	A3		28	A3		7	M4										
CK10906		5500	33	A3		34	A3													
	+E55	5500	33	A3																
		6000	34	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: Test Weight Classes updated (7 places) by RC 01-200 &/or letter ML-0C107, on 102780.

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 ☐

See Page 1 for:																					
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.	
CK20903	+E62	5500	35	A3		36	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					43	A3										
		5000	18	A3		44	A3													
CG21306		5250	18	A3		44	A3		17	A3		43	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: Test Weight Classes updated (4 places) by RC 01-200 &/or letter ML-0C107, on 102780.

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer: General Motors Corporation Executive Order No. A-6-177 Pg. 3

Issued: 081079

LM
5.7 LITER
* 08K4AA
0045-8

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.

CATALYST

AIR-EGR
LOW ALTITUDE CERTIFICATION

	TRANSMISSION
	AUTOMATIC
TIMING (°BTC @ RPM)	8° @ 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)	1600 (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.

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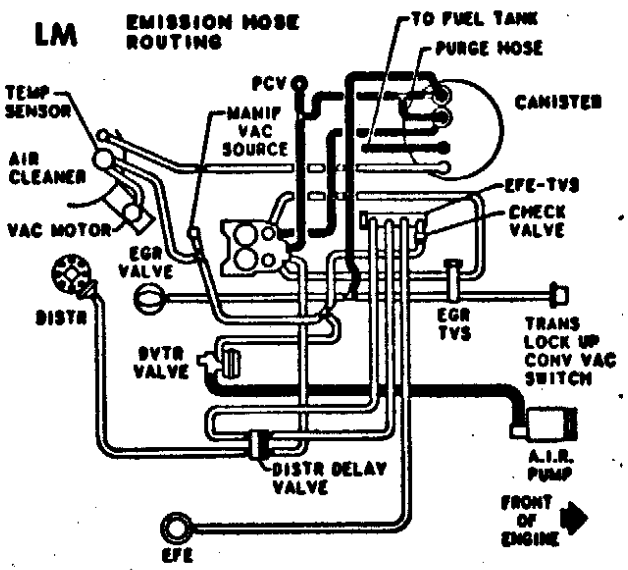
THIS VEHICLE CONFORMS TO U.S. EPA AND CALIFORNIA REGULATIONS APPLICABLE TO 1980 MODEL YEAR NEW LIGHT-DUTY TRUCKS. PT. NO. 14020641

LM EMISSION HOSE ROUTING



E.O. No. A-6-177
Engine Fam. 08K4AA
S.D. Sheet 3