State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-152
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 1979 model-year gasoline-powered medium-duty vehicles:

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
912F2	250	Exhaust Gas Recirculation Oxidation Catalyst Pulse Air Injection

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 1979 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
912F2	.5	14	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.

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 12 day of September, 1978.

G. C. Hass, Chief
Vehicle Emissions Control Division

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer General Motors Corp. Executive Order No. A-6-152 Page 1

Engine Family 912F2 Engine (CID) 250

ABBREVIATIONS

Ignition System
CA-Centrifugal Advance
EI-Electronic Ignition
ESAC
VA-Vacuum Advance
VR-Vacuum Retard

Fuel System
EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System
AI-Air Injection
CCAV-Comb. Chamber Air Valve
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification

ESAC-Electronic Spark Advance Control
MFI-Mechanical Fuel Injection

OC-Oxidation Catalyst
PAI-Pulse Air Injection
TC-Turbo Charged
TR-Thermal Reactor
TWC-Three Way Catalyst (Feedback Control)
WOC-Warm-up Oxidation Catalyst

Evaporative Emission Family 9B6-T, 9C6-T

*Note: 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.

TRUCK MODEL IDENTIFICATION*

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

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"/FC 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

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

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
E94—Beauville Sportvan, Rally STX

⑦ Engine Code
LD4—250 Six
L25—292 Six
LG9—305-2 V8
LS9—350-4 V8
LF4—400-4 V8
LF8—454-4 V8
LF8—350-DIESEL

Issued: 090878

AIR RESOURCES BOARD 1979 SUPPLEMENTAL DATA SHEET - GM FORMAT

Gasoline-powered ☐ Light Duty Trucks ☒ Medium Duty Vehicles

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-152 Pg. 2

Engine Family 912F2 Engine (CID) 250 Transm.

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

Eng. Code	Air Cond	Ign.Syst. EI,CA,VA Distrib. Part No.	Fuel System 2V Carb. Part No.	EGR System	Inertia Wt. Class	See Pg.1 for: Model Code	Body Code(s)	Trans-mission	Cert. Veh. Axle Ratio	Tune-up Label & Page No.	Rev. Notes
11	W or WO	Delco Remy 1110717	Rochester 17059767	17057189	4000	CG21005	None	M-3	4.11	C7, C8, C9 or D2 3 4	
					4500	CC20903	E62	M-3 M-4	3.73		
						CC20903	E63	M-3 M-4	3.73		
						CG21305 CG21006 CG21306 CG31005 CG31305	None	M-3	3.73		
					5000	CC20903	None	M-3 M-4			
						CC21306	E94	M-3			
13			17059741	17062451	4000	CG21005	None	A-3			
					4500	CC20903 CC20903 CG21305 CG21006 CG21306 CG31005 CG31305	E62 E63 None		3.73		
					5000	CG21306	E94				
						CC20903	None		4.11		

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and inertia weight class.

Date of Issue: 090878 Revisions:

C9-Incomplete Truck, Single F/Tank

C9
4.1 LITRE
(250 CU. IN.)
912F2
986-T

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.

1. DISCONNECT AND PLUG VACUUM HOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPECIFIED ENGINE SPEED. UNPLUG AND RECONNECT VACUUM HOSE TO DISTRIBUTOR.
2. DISCONNECT AND PLUG VACUUM HOSE AT EGR VALVE AND CANISTER PURGE HOSE AT CANISTER.
3. ADJUST CURB IDLE SPEED TO SPECIFICATION WITH TRANSMISSION IN SPECIFIED GEAR BY TURNING 1/8 HEX SCREW LOCATED AT END OF IDLE SOLENOID BODY.
4. DISCONNECT ELECTRICAL LEAD AT IDLE SOLENOID. ADJUST BASE IDLE SPEED TO SPECIFICATION WITH TRANSMISSION IN SPECIFIED GEAR BY TURNING IDLE SPEED SCREW. RECONNECT ELECTRICAL LEAD.
5. WITH TRANSMISSION IN PARK OR NEUTRAL, ADJUST FAST IDLE CAM FOLLOWER SCREW TO OBTAIN SPECIFIED FAST IDLE SPEED ON HIGH STEP OF CAM.
6. UNPLUG AND RECONNECT VACUUM HOSE TO EGR VALVE AND CANISTER PURGE HOSE TO CANISTER.

CATALYST

PAIR EGR EFE
LOW ALTITUDE CERTIFICATION

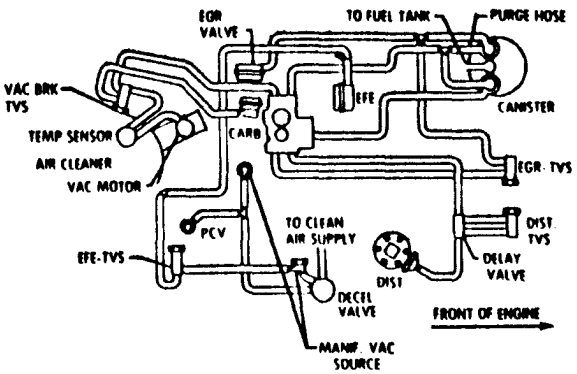
	TRANSMISSION	
	AUTOMATIC	MANUAL
TIMING (° BTC @ RPM)	8° @ 600	6° @ 750
SPARK PLUG GAP (IN.)	0.035	0.035
CURB IDLE SPEED (RPM)	600 (DR)	750 (N)
BASE IDLE SPEED (RPM)	425 (DR)	425 (N)
FAST IDLE SPEED (RPM)	2100 (P) OR (N)	2100 (N)

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

FOR MAJOR REPAIR, ADJUSTING MIXTURE SETTING BY OTHER THAN APPROVED SERVICE MANUAL PROCEDURE MAY VIOLATE FEDERAL AND/OR CALIFORNIA OR OTHER STATE LAWS.

SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE I FOR ADDITIONAL INFORMATION.

EMISSION HOSE ROUTING



PRINTED IN U.S.A.

THIS VEHICLE CONFORMS TO U.S. EPA AND CALIFORNIA REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW MOTOR VEHICLES WHEN COMPLETED AT A MAXIMUM CURB WEIGHT OF 4950 POUNDS AND A MAXIMUM FRONTAL AREA OF 41.0 SQUARE FEET.

PT. NO. 14007865

D2-Incomplete Truck, Dual Fuel Tank

D2
4.1 LITRE
(250 CU. IN.)
912F2
9C6-T

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.

1. DISCONNECT AND PLUG VACUUM HOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPECIFIED ENGINE SPEED. UNPLUG AND RECONNECT VACUUM HOSE TO DISTRIBUTOR.
2. DISCONNECT AND PLUG VACUUM HOSE AT EGR VALVE AND CANISTER PURGE HOSES AT CANISTERS.
3. ADJUST CURB IDLE SPEED TO SPECIFICATION WITH TRANSMISSION IN SPECIFIED GEAR BY TURNING 1/8 HEX SCREW LOCATED AT END OF IDLE SOLENOID BODY.
4. DISCONNECT ELECTRICAL LEAD AT IDLE SOLENOID. ADJUST BASE IDLE SPEED TO SPECIFICATION WITH TRANSMISSION IN SPECIFIED GEAR BY TURNING IDLE SPEED SCREW. RECONNECT ELECTRICAL LEAD.
5. WITH TRANSMISSION IN PARK OR NEUTRAL, ADJUST FAST IDLE CAM FOLLOWER SCREW TO OBTAIN SPECIFIED FAST IDLE SPEED ON HIGH STEP OF CAM.
6. UNPLUG AND RECONNECT VACUUM HOSE TO EGR VALVE AND CANISTER PURGE HOSES TO CANISTERS.

CATALYST

PAIR EGR EFE
LOW ALTITUDE CERTIFICATION

	TRANSMISSION	
	AUTOMATIC	MANUAL
TIMING (° BTC @ RPM)	8° @ 600	6° @ 750
SPARK PLUG GAP (IN.)	0.035	0.035
CURB IDLE SPEED (RPM)	600 (DR)	750 (N)
BASE IDLE SPEED (RPM)	425 (DR)	425 (N)
FAST IDLE SPEED (RPM)	2100 (P) OR (N)	2100 (N)

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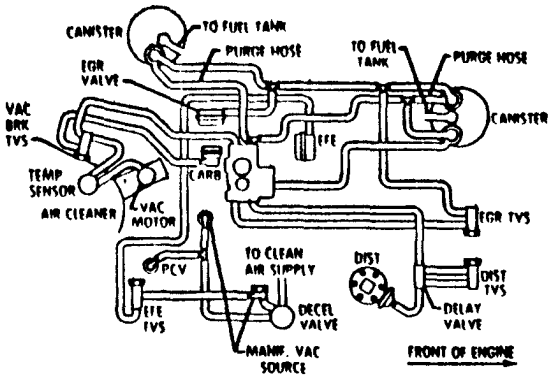

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PT. NO. 14007866

C7-Complete Truck, Single Fuel Tank

C7
4.1 LITRE
(250 CU. IN.)
912F2
9B6.1

VEHICLE EMISSION CONTROL INFORMATION

GENERAL MOTORS CORPORATION GM

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.

1. DISCONNECT AND PLUG VACUUM HOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPECIFIED ENGINE SPEED. UNPLUG AND RECONNECT VACUUM HOSE TO DISTRIBUTOR.
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CATALYST

PAIR EGR EFE
LOW ALTITUDE CERTIFICATION

	TRANSMISSION	
	AUTOMATIC	MANUAL
TIMING (° BTC @ RPM)	8° @ 600	6° @ 750
SPARK PLUG GAP (IN.)	0.035	0.035
CURB IDLE SPEED (RPM)	600 (DR)	750 (N)
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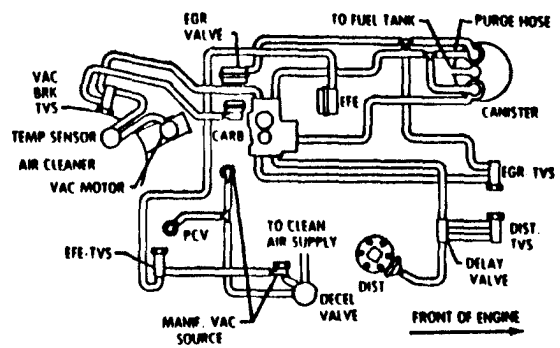

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THIS VEHICLE CONFORMS TO U.S. EPA REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW LIGHT-DUTY TRUCKS AND CALIFORNIA REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW MEDIUM-DUTY VEHICLES.

PT. NO. 14007863

C8-Complete Truck, Dual Fuel Tank

C8
4.1 LITRE
(250 CU. IN.)
912F2
9C6.1

VEHICLE EMISSION CONTROL INFORMATION

GENERAL MOTORS CORPORATION GM

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CATALYST

PAIR EGR EFE
LOW ALTITUDE CERTIFICATION

	TRANSMISSION	
	AUTOMATIC	MANUAL
TIMING (° BTC @ RPM)	8° @ 600	6° @ 750
SPARK PLUG GAP (IN.)	0.035	0.035
CURB IDLE SPEED (RPM)	600 (DR)	750 (N)
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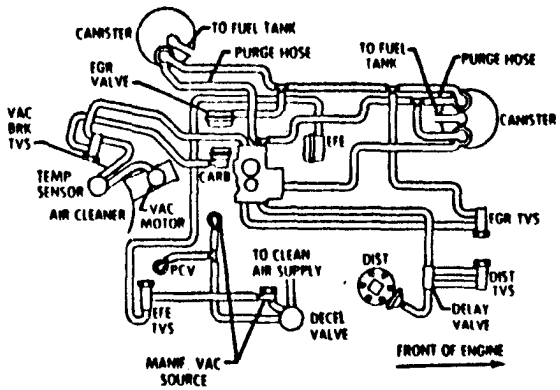

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PT. NO. 14007864