

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-151
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 light-duty trucks:

| <u>Engine Family</u> | <u>Displacement Cubic Inches</u> | <u>Exhaust Emission Control Systems (Special Features)</u> |
|----------------------|--------------------------------------|--|
| 912K4 | 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 1979 model-year vehicles:

| <u>Engine Family</u> | <u>Inertia Weight Class</u> | <u>Hydrocarbons Grams per Mile</u> | <u>Carbon Monoxide Grams per Mile</u> | <u>Nitrogen Oxides Grams per Mile</u> |
|----------------------|-------------------------------------|--|---|---|
| 912K4 | 4000- 6000 | 0.40 | 4.0 | 1.8 |

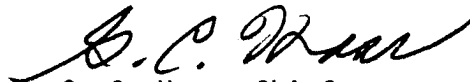
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles except Motorcycles".

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 18 day of September, 1978.



G. C. Hass, Chief
Vehicle Emissions Control Division

Engine (CID) 350 Exhaust Engine Family 912K4 Evaporative Engine Families 9B4-T, 9C4-T
 Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-151 Pg. 1

TRUCK MODEL IDENTIFICATION - Note 1

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

C C 10203+EG3+IG9

② Chassis Type

- 0—Conventional 4 x 2
- 1—Forward Control 4 x 2 (Body Frame Integral)
- R—Conventional 4 x 4 (Four Wheel Drive)
- F—Forward Control 4 x 2 (Conventional)

④ CA Dimension/Model Type

- 05—Blazer, Jimmy, Step-Van, Value Van
- 07—27/Pickup, Chassis-Cab
- 08—C or Motor Home Chassis, Step-Van, Value Van
- 09—S4/Suburban, Chassis-Cab, Pickup
- 10—47/FC Chassis, Chevy Van, Vandura, Sportman, Rally Wagon, Chassis-Cab, Step-Van, Value Van
- 11—Motor Home Chassis
- 12—Chevy Van, Vandura, Sportman, Rally Wagon, Cutaway Van, Hi-Cube Van
- 14—47/FC or Motor Home Chassis, Chassis-Cab, Step-Van, Value Van
- 16—Cutaway Van, Hi-Cube Van
- 18—Motor Home Chassis

③ Series/GVW Range

- 1—4800 to 7300
- 2—6400 to 8400
- 3—6400 to 14,500

⑤ Body Code

- ZM—Base Body
- Z3—Blazer, Jimmy w/White Top
- Z5—Blazer, Jimmy w/Black Top

⑦ Engine Code

- LD4—350 Stk
- LZ3—292 Stk
- LG9—303-2 V8
- LS9—350-4 V8
- LD4—400-4 V8
- LF8—434-4 V8
- UF8—350-2K58

① Cab or Body Style

- 03—Conventional Cab (C,K model)
- Curvey Van, Hi-Cube Van (G model)
- 05—Chevy Van, Vandura
- 06—Suburban, Sportman, Rally Wagon with Panel Rear Doors
- 16—Blazer, Jimmy
- 22—Motor Home Chassis
- 42—Forward Control Chassis, Step-Van, Value Van
- 43—Blazer Cab Crew Cab

F44 - Hwy Dty GVM
 AS3 - Rear Seat

| Eng. Code | Air Cond. | Ign. Syst. EI, CA, VA DelcoRemy Distrib. Part No. | Fuel System Rochester Carb. Part No. | EGR System. | Trans. M=M-3 & M-4. A=A-3 |
|-----------|-----------|---|--------------------------------------|-------------|---------------------------|
| 1 | W or WO | 1103302 | 17059503 | 17056494 | M |
| 3 | W | | 17059506 | 17056730 | A |
| 4 | W | | 17059508 | | |

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

Single Fuel Tank DF
 Dual Fuel Tanks DH

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. Emis. Contr. Syst. | AI - Air Injection |
| | EGR - Exhaust Gas Recirculation |
| | OC - Oxidation Catalyst |

Issued: 091878

AIR RESOURCES BOARD 1979 SUPPLEMENTAL DATA SHEET - GM FORMAT

Gasoline-powered Light Duty Trucks Medium Duty Vehicles Executive Order No. A-6-151 Pg. 2
 Engine (CID) 350 Exhaust Emission Control System AI,EGR,OC +10% (A/C) Yes No

| See Page 1 for: | | Inertia Weight Class | Eng. Code | Transm. | Axle R(1) | Tune-up Label(2) | Eng. Code | Transm. | Axle R(1) | Tune-up Label(2) | Eng. Code | Transm. | Axle R(1) | Tune-up Label(2) | Eng. Code | Transm. | Axle R(1) | Tune-up Label(2) | |
|--------------------|-------------|----------------------|-----------|------------|-----------|------------------|-------------|-------------|-----------|------------------|-------------|-------------|-----------|------------------|-----------|---------|-----------|------------------|--|
| Model Code | Body Code | | | | | | | | | | | | | | | | | | |
| CC10703 | E62 E63 | 4500 4500 | 1 1 | M M | | DF DF | 3 3 | A A | | DF DF | 4 4 | A A | | DF DF | | | | | |
| CC10903 | E62 E63 | 4500 4500 | 1 1 | M M | | DF DF | 3 3 | A A | | DF DF | 4 4 | A A | 3.07 | DF DF | | | | | |
| CG11005 CG11006 | None | 4500 4500 | 1 1 | M-3 M-3 | 3.73 | DF DF | 3 3 | A A | | DF DF | 4 4 | A A | | DF DF | | | | | |
| CG11305 CG11306 | None E94 | 4500 5000 5000 | 1 | M-3 | | DF | 3 3 3 | A A A | | DF DF DF | 4 4 4 | A A A | | DF DF DF | | | | | |

Comments: See page one for evaporative emission family identification and engine code descriptions. Please refer to manufacturer's HP 1st for correct dyno test HP settings based on model, equipment and inertia weight class. (1) Axle ratio of Certification Vehicle. (2) See Pg 1 for dual tank labels. (3) Single tank only.

Date of issue: 091878 Revisions:

Manufacturer: General Motors Corporation

Executive Order No. A-6-151 Pg. 3

DF
5.7 LITER
(350 CU. IN.)
912KA
P4.1

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

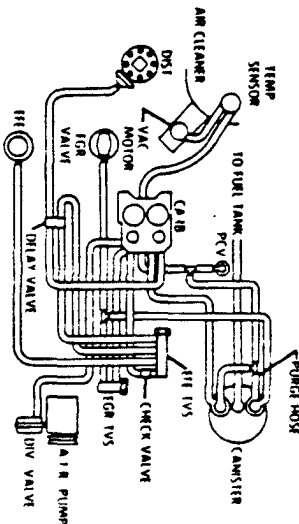
1. DISCONNECT AND PLUG VACUUM HOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPECIFIED ENGINE SPEED. UNPLUG AND RECONNECT VACUUM HOSE TO DISTRIBUTOR.
2. DISCONNECT AND PLUG VACUUM HOSE AT FOR VALVE AND CANISTER PURGE HOSE AT CANISTER. ADJUST CARBURETOR SPEED SCREW TO OBTAIN SPECIFIED CURB NOLE SPEED.
3. ON AUTOMATICS WITH AIR CONDITIONING, DISCONNECT ELECTRICAL LEAD FROM AIR CONDITIONING COMPRESSOR WITH AIR CONDITIONING SWITCH ON AND SOLENOID FULLY EXTENDED. ADJUST SOLENOID SCREW TO SPECIFIED RPM. RECONNECT COMPRESSOR LEAD TO AIR CONDITIONING SWITCH OFF.
4. WITH TRANSMISSION IN PARK OR NEUTRAL, ADJUST FAST NOLE SCREW TO SPECIFIED SPEED ON HIGH STEP OF CAM. UNPLUG AND RECONNECT VACUUM HOSE TO FOR VALVE AND CANISTER PURGE HOSE TO CANISTER.

CATALYST
AIR/FUEL RATIO
LOW ALTITUDE (ELEVATION)

| | TRANSMISSION | |
|---|------------------|-----------|
| | AUTOMATIC | MANUAL |
| THINNING (° BTIC @ RPM) | 8" @ 500 | 8" @ 700 |
| SPARK PLUG GAP (IN.) | 0.045 | 0.045 |
| CURB NOLE SPEED (RPM) | 500 (DR) | 700 (DR) |
| SOLENOID ASM. ADJUSTMENT WITH AIR (COND. (RPM)) | 600 (DR) | --- |
| FAST NOLE SPEED (RPM) | 1600 (P) OR (DR) | 1600 (DR) |

[NOTE] WRE 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 FOR ADDITIONAL INFORMATION.

EMISSION HOSE ROUTING



F. F. 912KA

DH
5.7 LITER
(350 CU. IN.)
912KA
P4.1

VEHICLE EMISSION CONTROL INFORMATION
GENERAL MOTORS CORPORATION



SET PARKING BRAKE AND BLOCK DRIVE WHEELS.

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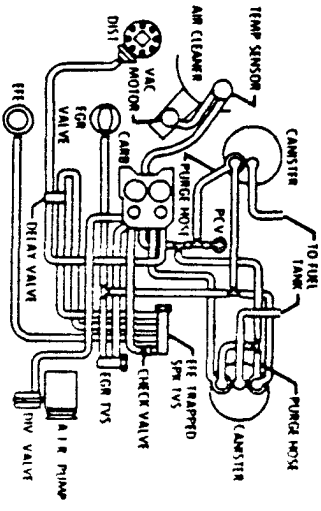
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AIR/FUEL RATIO
LOW ALTITUDE (ELEVATION)

| | TRANSMISSION | |
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EMISSION HOSE ROUTING



F. F. A-6-151
S. D. Sheet 3

GENERAL NOTES

THIS VEHICLE COMPLIES TO U. S. EPA AND CALIFORNIA REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW LIGHT DUTY TRUCKS

PT. NO. 149-9033