State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-149
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) |
|---|---|---|
| 912R4 | 454 | Air Injection<br>Exhaust Gas Recirculation<br>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:

| Engine Family | Hydrocarbons Grams per Mile | Carbon Monoxide Grams per Mile | Nitrogen Oxides Grams per Mile |
|---|---|---|---|
| 912R4 | 0.7 | 13 | 2.2 |

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.

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

G. C. Hass, Chief
Vehicle Emissions Control Division

# 1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET - GM FORMAT

Manufacturer: GENERAL MOTORS CORPORATION  Executive Order No. A-6-149  Pg. 1

Engine (CID) 454  Exhaust Engine Family 912R4  Evaporative Engine Families 9B4-T, 9C4-T

## 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

**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

F44 - Hvy Dty GVW
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 | | WO | 1103358 | 17059521 | 17056768 | A |
| 2 | | W | | 17059520 | | |
| 3 | | W or WO | 1103240 | 17059501 | 17058605 | M-4 |

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

| | 3 | 4 | 5 |
|---|---|---|---|
| Single Fuel Tank | A3 | A6 | A8 |
| Dual Fuel Tanks | A4 | A7 | A9 |

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 |

Issued: 091978.

AIR RESOURCES BOARD 1979 SUPPLEMENTAL DATA SHEET - GM FORMAT

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-149 Pg. 2

Gasoline-powered ☐ Light Duty Trucks ☒ Medium Duty Vehicles Engine Family 912R4

Engine (CID) 454 Exhaust Emission Control System AI,EGR,OC +10% (A/C) Yes ☒ No ☐

| See Page 1 for: Model Code | Body Code | 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) | Eng. Code | Transm. | Axle R(1) | Tune-up Label(2) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CC107 03 | E62+F44 | 4500 | 1 | A | | A3 | | | | | | | | | | | | | | | | |
| | | 5000 | | | | | 2 | A | 2.76 | A3 | | | | | | | | | | | | |
| | E63+F44 | 5000 | 1 | A | | A3 | 2 | A | | A3 | | | | | | | | | | | | |
| CC109 03 | E62+F44 | 5000 | 1 | A | | A3 | 2 | A | | A3 | | | | | | | | | | | | |
| | E63+F44 | 5000 | 1 | A | | A3 | 2 | A | | A3 | | | | | | | | | | | | |
| CC109 06 | None | 5000 | 1 | A | | A3 | | | | | | | | | | | | | | | | |
| | | 5500 | | | | | 2 | A | | A3 | | | | | | | | | | | | |
| | E55 | 5500 | 1 | A | | A3 | 2 | A | | A3 | | | | | | | | | | | | |
| CC209 03 | None | 5500 | | | | | | | | | 3 | M-4 | 3.73 | A6 | | | | | | | | |
| | | 6000 | 1 | A | | A8 | 2 | A | | A8 | | | | | | | | | | | | |
| | E62 | 5000 | 1 | A | | A3 | | | | | | | | | | | | | | | | |
| | | 5500 | | | | | 2 | A | | A3 | 3 | M-4 | | A3 | | | | | | | | |
| | E63 | 5000 | | | | | 2 | A | 3.73 | A3 | 3 | M-4 | | A3 | | | | | | | | |
| | | 5500 | 1 | A | | A3 | | | | | | | | | | | | | | | | |
| CC209 06 | None | 5500 | 1 | A | | A3 | 2 | A | | A3 | | | | | | | | | | | | |
| | E55 | 5500 | 1 | A | | A3 | 2 | A | | A3 | | | | | | | | | | | | |
| CC209 43 | None | 6000 | 1 | A | | A8 | 2 | A | 4.10 | A8 | | | | | | | | | | | | |
| | AS3 | 6000 | 1 | A | | A8 | 2 | A | | A8 | | | | | | | | | | | | |
| | AS3 + E63 | 6000 | 1 | A | | A3 | 2 | A | | A3 | | | | | | | | | | | | |
| | E63 | 6000 | 1 | A | | A3 | 2 | A | | 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 inertia weight class. (1) Axle ratio of Certification Vehicle. (2) See Pg 1 for dual tank labels. (3) Single tank only.

Date of issue: 091978. Revisions:

A-3 - Single Fuel Tank

**A3**
7.4 LITRE
(454 CU. IN.)
★ 912R4
9B4-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, 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 EGR VALVE AND CANISTER PURGE HOSE AT CANISTER. ADJUST CARBURETOR SPEED SCREW TO OBTAIN SPECIFIED CURB IDLE 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. TURN AIR CONDITIONING SWITCH OFF.
4. WITH TRANSMISSION IN PARK OR NEUTRAL, ADJUST FAST IDLE SCREW TO SPECIFIED SPEED ON HIGH STEP OF CAM. UNPLUG AND RECONNECT VACUUM HOSE TO EGR VALVE AND CANISTER PURGE HOSE TO CANISTER.

**CATALYST**
AIR EGR EFE
LOW ALTITUDE CERTIFICATION

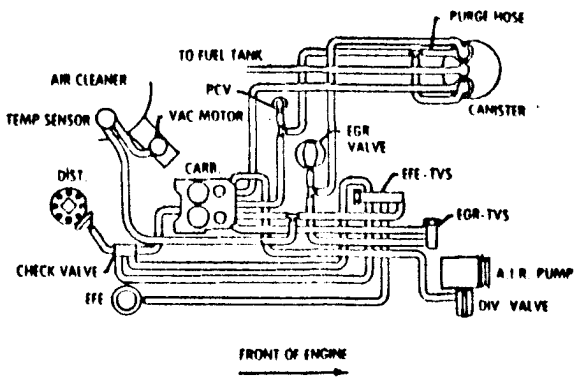
| | TRANSMISSION | |
|---|---|---|
| | AUTOMATIC | MANUAL |
| TIMING (° BTC @ RPM) | 8° @ 550 | 8° @ 700 |
| SPARK PLUG GAP (IN.) | 0.045 | 0.045 |
| CURB IDLE SPEED (RPM) | 550 (DR) | 700 (N) |
| SOLENOID ASM. ADJUSTMENT WITH AIR COND. (RPM) | 600 (DR) | ——— |
| FAST IDLE SPEED (RPM) | 1600 (P) OR (N) | 1600 (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 REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW LIGHT-DUTY TRUCKS AND CALIFORNIA REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW MEDIUM-DUTY VEHICLES.

PT. NO. 14007838

A-4 - Dual Fuel Tanks

**A4**
7.4 LITRE
(454 CU. IN.)
★ 912R4
9C4-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, 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 EGR VALVE AND CANISTER PURGE HOSES AT CANISTERS. ADJUST CARBURETOR SPEED SCREW TO OBTAIN SPECIFIED CURB IDLE 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. TURN AIR CONDITIONING SWITCH OFF.
4. WITH TRANSMISSION IN PARK OR NEUTRAL, ADJUST FAST IDLE SCREW TO SPECIFIED SPEED ON HIGH STEP OF CAM. UNPLUG AND RECONNECT VACUUM HOSE TO EGR VALVE AND CANISTER PURGE HOSES TO CANISTERS.

**CATALYST**
AIR EGR EFE
LOW ALTITUDE CERTIFICATION

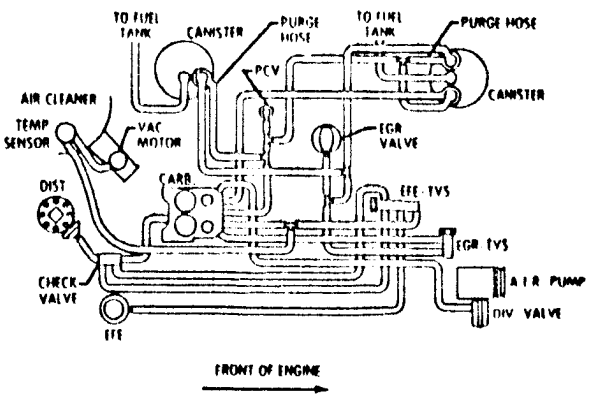
| | TRANSMISSION | |
|---|---|---|
| | AUTOMATIC | MANUAL |
| TIMING (° BTC @ RPM) | 8° @ 550 | 8° @ 700 |
| SPARK PLUG GAP (IN.) | 0.045 | 0.045 |
| CURB IDLE SPEED (RPM) | 550 (DR) | 700 (N) |
| SOLENOID ASM. ADJUSTMENT WITH AIR COND. (RPM) | 600 (DR) | ——— |
| FAST IDLE SPEED (RPM) | 1600 (P) OR (N) | 1600 (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 REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW LIGHT-DUTY TRUCKS AND CALIFORNIA REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW MEDIUM-DUTY VEHICLES.

PT. NO. 14007839

Issued: 091978.

E.O. A-6-149 S.D. Sheet 3
Eng. Fam. 912R4

# 1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET - GM FORMAT

Manufacturer: General Motors Corporation  Executive Order No. A-6-149 Pg. 4

E.O. A-6-149 S.D. Sheet 4
Eng. Fam. 912R4

## A-6 - Single Fuel Tank

**A6**
7.4 LITRE
(454 CU. IN.)
★ 912R4
9B4-T

**VEHICLE EMISSION CONTROL INFORMATION**
GENERAL MOTORS CORPORATION

**CATALYST**
AIR EGR EFE
LOW ALTITUDE CERTIFICATION

| TRANSMISSION | MANUAL |
|---|---|
| TIMING (° BTC @ RPM) | 8° @ 700 |
| SPARK PLUG GAP (IN.) | 0.045 |
| CURB IDLE SPEED (RPM) | 700 (N) |
| FAST IDLE SPEED (RPM) | 1600 (N) |

**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.

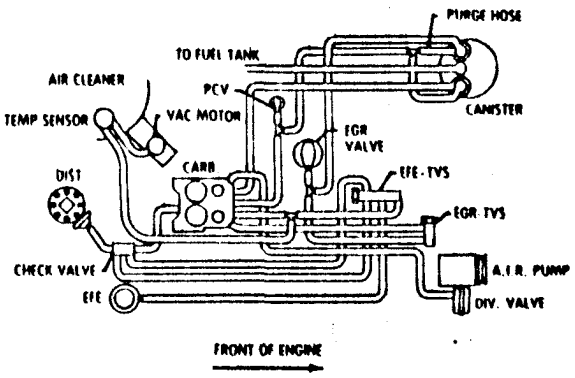
1. DISCONNECT AND PLUG VACUUM HOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPECIFIED ENGINE SPEED. UNPLUG AND RECONNECT VACUUM HOSE TO DISTRIBUTOR.
2. DISCONNECT AND PLUG VACUUM HOSE AT EGR VALVE AND CANISTER PURGE HOSE AT CANISTER. ADJUST CARBURETOR SPEED SCREW TO OBTAIN SPECIFIED CURB IDLE SPEED.
3. WITH TRANSMISSION IN NEUTRAL, ADJUST FAST IDLE SCREW TO SPECIFIED SPEED ON HIGH STEP OF CAM. UNPLUG AND RECONNECT VACUUM HOSE TO EGR VALVE AND CANISTER PURGE HOSE TO CANISTER.

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**

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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 5450 POUNDS AND A MAXIMUM FRONTAL AREA OF 41.0 SQUARE FEET.

PT. NO. 14007840

## A-7 - Dual Fuel Tanks

**A7**
7.4 LITRE
(454 CU. IN.)
★ 912R4
9C4-T

**VEHICLE EMISSION CONTROL INFORMATION**
GENERAL MOTORS CORPORATION

**CATALYST**
AIR EGR EFE
LOW ALTITUDE CERTIFICATION

| TRANSMISSION | MANUAL |
|---|---|
| TIMING (° BTC @ RPM) | 8° @ 700 |
| SPARK PLUG GAP (IN.) | 0.045 |
| CURB IDLE SPEED (RPM) | 700 (N) |
| FAST IDLE SPEED (RPM) | 1600 (N) |

**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.

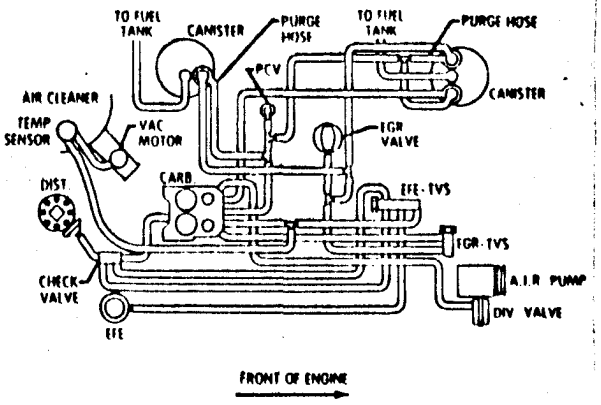
1. DISCONNECT AND PLUG VACUUM HOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPECIFIED ENGINE SPEED. UNPLUG AND RECONNECT VACUUM HOSE TO DISTRIBUTOR.
2. DISCONNECT AND PLUG VACUUM HOSE AT EGR VALVE AND CANISTER PURGE HOSES AT CANISTERS. ADJUST CARBURETOR SPEED SCREW TO OBTAIN SPECIFIED CURB IDLE SPEED.
3. WITH TRANSMISSION IN NEUTRAL, ADJUST FAST IDLE SCREW TO SPECIFIED SPEED ON HIGH STEP OF CAM. UNPLUG AND RECONNECT VACUUM HOSE TO EGR VALVE AND CANISTER PURGE HOSES TO CANISTERS.

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**

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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 5450 POUNDS AND A MAXIMUM FRONTAL AREA OF 41.0 SQUARE FEET.

PT. NO. 14007841

Issued: 091978.

A-8 - Single Fuel Tank

**A8**
7.4 LITRE
(454 CU. IN.)
★ 912R4
9R4 T

## VEHICLE EMISSION CONTROL INFORMATION
GENERAL MOTORS CORPORATION

## CATALYST
AIR EGR EFE
LOW ALTITUDE CERTIFICATION

| | TRANSMISSION |
|---|---|
| | AUTOMATIC |
| TIMING (° BTC @ RPM) | 8° @ 550 |
| SPARK PLUG GAP (IN.) | 0.045 |
| CURB IDLE SPEED (RPM) | 550 (DR) |
| SOLENOID ASM. ADJUSTMENT WITH AIR COND. (RPM) | 600 (DR) |
| FAST IDLE SPEED (RPM) | 1600 (P) OR (N) |

**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.

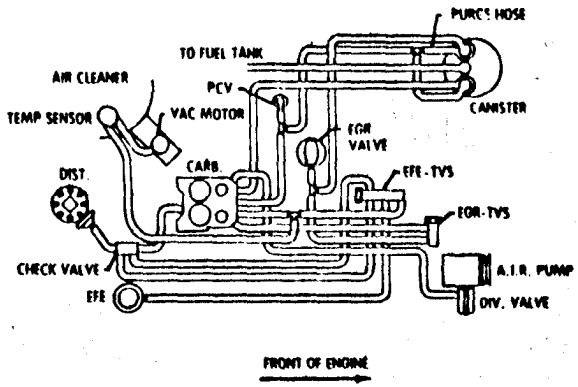
1. DISCONNECT AND PLUG VACUUM HOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPECIFIED ENGINE SPEED. UNPLUG AND RECONNECT VACUUM HOSE TO DISTRIBUTOR.
2. DISCONNECT AND PLUG VACUUM HOSE AT EGR VALVE AND CANISTER PURGE HOSE AT CANISTER. ADJUST CARBURETOR SPEED SCREW TO OBTAIN SPECIFIED CURB IDLE SPEED.
3. 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. TURN AIR CONDITIONING SWITCH OFF.
4. WITH TRANSMISSION IN PARK OR NEUTRAL, ADJUST FAST IDLE SCREW TO SPECIFIED SPEED ON HIGH STEP OF CAM. UNPLUG AND RECONNECT VACUUM HOSE TO EGR VALVE AND CANISTER PURGE HOSE TO CANISTER.

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**

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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 5950 POUNDS AND A MAXIMUM FRONTAL AREA OF 41.0 SQUARE FEET.

PT. NO. 14007842

A-9 - Dual Fuel Tank

**A9**
7.4 LITRE
(454 CU. IN.)
★ 912R4
9C4 T

## VEHICLE EMISSION CONTROL INFORMATION
GENERAL MOTORS CORPORATION

## CATALYST
AIR EGR EFE
LOW ALTITUDE CERTIFICATION

| | TRANSMISSION |
|---|---|
| | AUTOMATIC |
| TIMING (° BTC @ RPM) | 8° @ 550 |
| SPARK PLUG GAP (IN.) | 0.045 |
| CURB IDLE SPEED (RPM) | 550 (DR) |
| SOLENOID ASM. ADJUSTMENT WITH AIR COND. (RPM) | 600 (DR) |
| FAST IDLE SPEED (RPM) | 1600 (P) OR (N) |

**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.

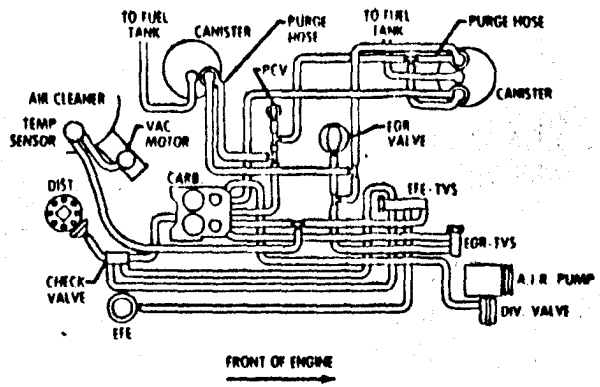
1. DISCONNECT AND PLUG VACUUM HOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPECIFIED ENGINE SPEED. UNPLUG AND RECONNECT VACUUM HOSE TO DISTRIBUTOR.
2. DISCONNECT AND PLUG VACUUM HOSE AT EGR VALVE AND CANISTER PURGE HOSES AT CANISTERS. ADJUST CARBURETOR SPEED SCREW TO OBTAIN SPECIFIED CURB IDLE SPEED.
3. 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. TURN AIR CONDITIONING SWITCH OFF.
4. WITH TRANSMISSION IN PARK OR NEUTRAL, ADJUST FAST IDLE SCREW TO SPECIFIED SPEED ON HIGH STEP OF CAM. UNPLUG AND RECONNECT VACUUM HOSE TO EGR VALVE AND CANISTER PURGE HOSES TO CANISTERS.

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**

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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 5950 POUNDS AND A MAXIMUM FRONTAL AREA OF 41.0 SQUARE FEET.

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