State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-44-5
Relating to Certification of New Motor Vehicles

AVANTI MOTOR 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 Avanti Motor Corporation exhaust emission control systems are certified as described below for 1979 model-year gasoline-powered passenger cars:

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
GM 910L4	350	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:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
GM 910L4	0.35	8.2	1.0

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, or have been granted a temporary exemption from the aforementioned "Specifications" by Executive Order AA-44 series.

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 3 day of May, 1979.

G. C. Hass, Chief
Vehicle Emissions Control Division

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER AA-44-1
Relating to Temporary Exemption from
"Specifications for Fill Pipes and Openings
of Motor Vehicle Fuel Tanks"

AVANTI MOTOR CORPORATION

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Section 43835; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-45-4;

IT IS ORDERED AND RESOLVED: That Avanti Motor Corporation has been found to comply with the requirements specified by Executive Order G-70-3 for a temporary exemption from full compliance with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for 1979 model year vehicles listed below:

Vehicle Models

Avanti II

BE IT FURTHER ORDERED AND RESOLVED: That this exemption is contingent upon Avanti Motor Corporation ensuring that the above models will have a positive fill angle with the nozzle in the normal resting position.

Executed at El Monte, California this 3 day of May, 1979.

G. C. Hass, Chief
Vehicle Emissions Control Division

E.O. #A-44-5

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[X] Passenger Cars [ ] Light-Duty Trucks [ ] Medium-Duty Vehicles

Manufacturer AVANTI MOTOR CORPORATION Page 1

Engine Family GM910L4 Engine (CID) 350 Engine Code 1

Emission Control System EGR, OC + 10% (A/C) Yes X No ___

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class (Axle Ratio)*	Ign. Sys. EI,CA,VA Distrib. Part No.	Fuel System 4V Carb. Part No.	EGR Valve Part No.	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
1	Avanti II	A-3	4000	Delco Remy 1103302	Rochester/ Carter 17059216	GM 17057427	See Label CA below

CA
5.7 LITRE (350 CU. IN.)
* 910L4
9B4L-1

VEHICLE EMISSION CONTROL LABEL
AVANTI MOTOR 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.

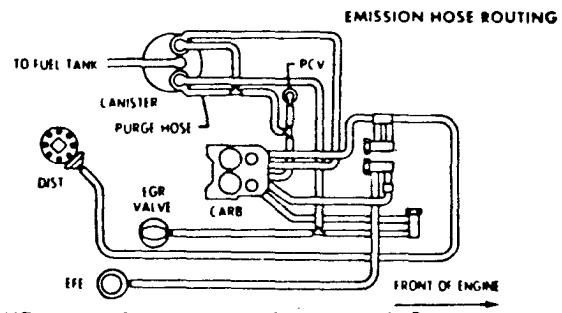
SEE MAINTENANCE SCHEDULE I AND EMISSION HOSE ROUTING LABEL FOR ADDITIONAL INFORMATION

CATALYST EGR-EFE LOW ALTITUDE CERTIFICATION	TRANSMISSION AUTOMATIC
TIMING (°BTC @ RPM)	4° @ 500
SPARK PLUG GAP (IN.)	0.045
SOLENOID ASM. ADJ. WITH AIR COND. (RPM)	600 (DR)
CURB IDLE SPEED (RPM)	500 (DR)
FAST IDLE SPEED (RPM)	1600 (P) OR (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.

THIS VEHICLE CONFORMS TO U.S. EPA & CALIFORNIA REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW PASSENGER CARS.
Printed in U.S.A.

CA



CA = Centrifugal Advance
EGR = Exhaust Gas Recirculation
EI = Electronic Ignition
OC = Oxidation Catalyst
VA = Vacuum Advance
4V = Four Venturi Carburetor

Comments.
Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and inertia weight class. Setting is 8.5 HP.

*Axle ratio is that of medium duty certification vehicle. Evap. Family GM 9B4-1

Date of Issue - 042779. Tune up label footnote revised to include California Compliance, on 101179.