E.O.

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-44-1
Relating to Approval of New Motor Vehicles

AVANTI MOTOR CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 of the Health and Safety Code;

IT IS ORDERED AND RESOLVED: That Avanti Motor Corporation exhaust emission control systems for 1974 model year light-duty motor vehicles are approved for the engine family described below:

Engine Family	Engine Size (cubic inches)	Emission Control System	Vehicle Models
General Motors GM-104-4	400	Air Injection & Exhaust Gas Recirculation	Avanti II

Section 39153.5, Part I, Division 26 of the California Health and Safety Code requires that the manufacturer of limited production vehicles conduct Quality Audit Tests on a minimum of 2 percent on such vehicles manufactured for sale in California. These tests shall be performed in accordance with the "California Assembly-Line Test Procedure for 1974 Model Light-Duty Gasoline-Powered Vehicles".

In accordance with Section III E. of the California Exhaust Emission Standards and Test Procedures for 1973 through 1976 Models Gasoline-Powered Light-Duty Motor Vehicles, the manufacturer is required to inform the Air Resources Board of any production changes which will affect emissions.

Supplemental information sheets are attached to this order which include tune-up specifications and emission control system data.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair of the Department of Consumer Affairs will be notified of this approval by copy of this order and attachment.

Executed at Sacramento, California, this 27th day of February, 1974.

WILLIAM SIMMONS
Executive Officer

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1974 Model-Year
Light Duty Vehicles

MANUFACTURER: AVANTI MOTOR CORPORATION

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Model	Engine C.I.D.	Carburetor No.of Venturi	Trans-mission	Distributor Make & No.	Type Adv.*	Carburetor Make & No.	Emission Control System			
							Exhaust	NOx	Evap.	Other
RQ-B Avanti II	400 (#12)		A3 / M4	Delco Remy P/N 1112545	C-V	Rochester P/N 7044526	AIR	EGR	CAN (GMECS)	TCS

* C - Centrifugal
V - Vacuum
VR - Vacuum retard

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Vehicle Model	Engine C.I.D.	Carburetor No. of Venturi	Trans-mission	Engine Family	Inertia Weight	Tune-up Specifications		
						Idle RPM	Basic Timing	Idle CO or AFR
RQ-B Avanti II	400 (# 12)	1-4V	A3	GM 104-4	4000	600 rpm in Drive	8° BTDC @ 600 rpm in drive	Set by lean drop method 630 to 600 rpm
			M4			800 rpm in neutral	8° BTDC @ 800 rpm in neutral	Set by lean drop method 950 to 900 rpm