State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-2-4
Relating to Certification of New Motor Vehicles

FUJI HEAVY INDUSTRIES INC.

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That Fuji Heavy Industries Inc. exhaust emission control systems for 1977 model-year passenger cars are certified for the engine families described below:

Engine Family: BU
Engine: 97 CID
Transmission: 3-speed automatic, 4 and 5-speed manual
Exhaust Emission Control Systems: Air injection, exhaust gas recirculation

Models: A26L

Subaru 1600 Coupe (5-speed manual transmission only)
Subaru 1600 Hardtop (3-speed automatic and 5-speed manual transmission only)
Subaru 1600 2-Door Sedan
Subaru 1600 4-Door Sedan

A66L

Subaru 1600 Station Wagon

A67L

Subaru 1600 Station Wagon Four Wheel Drive

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1977 model vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
BU	0.38	4.3	1.2

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 2nd day of September, 1976.

G C Hass by P A Buchan

G. C. Hass, Chief
Division of Vehicle Emissions Control

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[X] Passenger Cars [ ] Light-Duty Trucks

Manufacturer FUJI HEAVY INDUSTRIES, INC. Executive Order No. A-2-4 Page 1

Engine Family BU Engine (CID) 97 Engine Code

Emission Control System AI, EGR +10%(A/C) Yes [ ] No [X]

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type: EI, C+V+VR Mfgr. Part Number	Fuel System Type: 2V Mfgr. Part Number	EGR System Part No. Service*	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
A26L	A-3	2250	Hitachi 420852000 D4H6-01	Hitachi DCJ306-8	EVK72-22 No Service	(1) 8±2°BTDC @ 900 RPM in neutral or park W/V+VR disconnected & plugged @ distributor (2) 0.75±0.25%CO W/AI plugged, or lean drop from 990 RPM best idle to 900 RPM W/AI either plugged or operating normally. (3) 900±50 RPM in neutral or park
A66L		2500	Nippondenso 420852002 029100-4270		EVK72-22A No Service - - - - -	
A26L	M-4 M-5	2250				(1) Same, but in neutral only. (2) Same.
A66L		2500				(3) Same in neutral only.
A67L	M-4 (4WD)					

Comments

EGR Part Number Change per Running Change #77-8

Date of Issue

Abbreviations

Distributor
C-Centrifugal Advance
V-Vacuum Advance
VR-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition

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

Exhaust Emission Control System
AI-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance Control
FI-Fuel Injection
OC-Oxidation Catalyst
PAI-Pulse Air Injection
RC-Reduction Catalyst
TR-Thermal Reactor
TWC-Three Way Catalyst
λ-Air Fuel Ratio Sensor

*Service
I-Inspect, repair/replace as needed
R-Replace