

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:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
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 2<sup>nd</sup> day of September, 1976.

*G. C. Hass* by *P. S. Macken*  
G. C. Hass, Chief  
Division of Vehicle Emissions Control

Passenger Cars       Light-Duty Trucks

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Engine Family BU Engine (CID) 97 Engine Code \_\_\_\_\_

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

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) $8+2^0$ BTDC @ 900 RPM in neutral or park W/V+VR disconnected & plugged @ distri- butor
A66L		2500				
A26L	M-4 M-5	2250				(1) Same, but in neutral only. (2) Same.
A66L		2500				
A67L	M-4 (4WD)					
<b>Comments</b> EGR Part Number Change per Running Change #77-8						
<b>Date of Issue</b>						

**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  
 $\lambda$ -Air Fuel Ratio Sensor  
**\*Service**  
I-Inspect, repair/replace  
as needed  
R-Replace