State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-2-7
Relating to Certification of New Motor Vehicles

FUJI HEAVY INDUSTRIES LIMITED

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 Fuji Heavy Industries Ltd. exhaust emission control systems are certified as described below for 1980 model-year gasoline-powered passenger cars:

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
DUC	97	Air Injection Exhaust Gas Recirculation (Insulated Exhaust Manifold)

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 1980 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
DUC	0.33	6.3	0.7

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.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1980 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That Fuji Heavy Industries Ltd. has provided to the Executive Officer all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 5th day of September, 1979.

K. D. Drachand by RHW

K. D. Drachand, Acting Chief
Mobile Source Control Division

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Fuji Heavy Industries Ltd. Executive Order No. A-2-7 Page 1

Engine Family DUC Engine (CID) 97

Evaporative Family: SU

ABBREVIATIONS

Ignition System
CA-Centrifugal Advance
EEC-Electronic Engine Control
EI-Electronic Ignition
ESAC-Electronic Spark Advance Control
VA-Vacuum Advance
VR-Vacuum Retard

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

Exhaust Emissions Control System
AI-Air Injection
CL-Closed Loop
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst
PAI-Pulse Air Injection
TR-Thermal Reactor
TWC-Three Way Catalyst
IEM-Insulated Exhaust Manifold

Special Features
CCAV-Combustion Chamber Air Valve
EFI-Electronic Fuel Injection
MFI-Mechanical Fuel Injection
TC-Turbo Charged

Vehicle Models

AF2 (SUBARU 1600 2-Door Hatchback)
AB2 (SUBARU 1600 4-Door Sedan)
AW2 (SUBARU 1600 Hardtop)
AM2 (SUBARU 1600 Station Wagon)
AF3 (SUBARU 1600 2-Door Hatchback 4WD)
AM3 (SUBARU 1600 Station Wagon 4WD)
A69 (SUBARU 1600 4WD Open M.P.V. "BRAT")

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E.O. #A-2-7

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

(X) Passenger Cars ( ) Light-Duty Trucks ( ) Medium-Duty Vehicles (X) Gas ( ) Diesel

Manufacturer Fuji Heavy Industries Ltd. Page 1A

Engine Family DUC CID-Type 97-H-4 Engine Code E71AC3 E71WC3 E71WC4

ECS (Special Features) AI, EGR, IEM + 10% (A/C) Yes ____ No X

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System CA, VA, VR, EI Mfg. Part No.	Fuel System 1-2V Mfg. Part No.	EGR Valve Part No.	Label Ident.
E71AC3	AF2, AB2, AW2	M-4 M-5	2375	029100-6060 (Nippondenso) Fuji Part # 420857302	DCP306-1 (Hitachi	APDQ72-4 (Hitachi) Fuji Part # 469997350 or 8XHO (Atsugi) Fuji Part # 46998XHO	61
	AM2		2500				
E71WC3	A-69	M-4		D4H9-02 (Hitachi) Fuji Part # 20857400			
E71WC4	AM3		2625	D4H9-02 (Hitachi) Fuji Part # 42085750			

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and inertia weight class.

Date of Issue -

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