State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-2-26
Relating to Certification of New Motor Vehicles

FUJI HEAVY INDUSTRIES LTD.

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; 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 1985 model-year Fuji Heavy Industries Ltd. exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family	Displacement Cubic Inches (Liters)	Exhaust Emission Control Systems (Special Features)
FFJ1.8V5HCN9	109 (1.8)	Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop (Electronic Fuel Injection) (Turbocharger)

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the certification emission standards for this engine family to be listed on the window decal required by "California Assembly-Line Test Procedures for 1983 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles":

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.41	7.0	0.7

The following are the certification emission values for the above engine family:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.19	1.5	0.3

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.15 of Title 13, California Administrative Code which includes repair or replacement of emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

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".

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 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the Executive Officer has been provided 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 19th day of July, 1984.

K. D. Drachand, Chief
Mobile Source Division

Manufacturer Fuji Heavy Industries Ltd. Executive Order No. A-2-26

Engine Family FFJ1.8V5HCN9 Evaporative Family MU

Engine CID (Liters) 109 CID

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
CFI, CL, DID, DIP, EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System

AIP-Air Injection-Pump
AIV-Air Injection-Valve
CL-Closed Loop
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst System
TOC-Trap Oxidizer Continual
TOP-Trap Oxidizer Periodical
TR-Thermal Reactor
TWC-Three-Way Catalyst System

Special Features

CCV-Combustion Chamber Valve
CFI-Central Fuel Injection
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber
EFI-Electronic Fuel Injection
IC - Intercooler
MFI-Mechanical Fuel Injection
TC-Turbocharged

VEHICLE MODELS:

AC5 & AC7:	4-door Sedan 4WD
AN5:	Station Wagon 4WD
AX4:	XT
AX7:	XT 4WD

DRIVE SYSTEM: Front Engine/Front or Four -Wheel Drive

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1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

X Passenger Cars __ Light-Duty Trucks __ Medium-Duty Vehicles X Gas __ Diesel

Manufacturer Fuji Heavy Industries Ltd. Page

Engine Family FFJ1.8V5HCN9 Engine Code F1.8V5CNMA,F1.8V5CNAA

ECS (Special Features) CL, EGR, OC, TWC, (EFI, TC) CID (Liter)-Type 109 CID-H04

Engine Code	Vehicle Models (If Coded see attachment) (Hp)	Trans.	Equiv. Test Weight	Ign. System CA, EI, VA ESAC Part No.	Fuel System EFI Part No.	EGR Valve Part No.	Label Ident. Part No.
F1.8V5CNMA	AX4 (7.2*)	M5	2750	Distributor: Hitachi D4R84-20	Injector: JECS 0970	Hitachi APDQ54-46A	Tune-up: G8
	AC5 & AC7 (9.1*)		2875	Fuji's Part No. 22100AA220	Fuji's Part No. 16600AA000	Fuji's Part No. 14710AA100	Vacuum Hose Routing: AW
	AX7 (8.2*)		2875				
F1.8V5CNAA	AX4 (7.2*)	A3	2750	Electronic Control Unit: Hitachi KCM-24	Electronic Control Unit Fuji's Part 22611AA031	Hitachi APDQ54-32	
	AC5 & AC7 (9.1*)		2875	Fuji's Part No. 22070AA011		Fuji's Part No. 14710AA030	
	AX7 (8.2*)						
	AN5 (9.4*)		3000			Hitachi APDQ54-32A	
						Fuji's Part No. 14710AA031	

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 and equipment. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue -