State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-2-62-1
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 1990 model year Fuji Heavy Industries, Ltd. exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family: 1F11.8V5FCL9 Displacement: 1.8 Liters (109 Cubic Inches)

Exhaust Emission Control Systems (Special Features):

Heated Oxygen Sensor
Three-Way Catalysts (Two)
Multipoint Electronic Fuel Injection
Turbocharger
On-Board Diagnostics

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

The following are the emission standards for this engine family:

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.41	7.0	0.4

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

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.24	2.8	0.2

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 Code of Regulations, 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 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the requirements of the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (California Health and Safety Code Section 43205).

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.

Executive Order A-2-62 signed January 25, 1989 is superceded by Executive Order A-2-62-1.

Executed at El Monte, California this 27 day of December, 1989.

for K. D. Drachand, Chief
Mobile Source Division

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Manufacturer Fuji Heavy Industries Ltd. Eng. Family LFJ1.8V5FCL9

Pass Cars x Lt-Duty Trucks ____ Med-Duty Vehicles ____ Gas x Diesel ____

Eng. Type HO4 Liter (CID) 1.8 (109) Evap. Family MU

Emission Control Sys. (Use SAE Abbrv.) HO2S, TWC(2), (MPI, TC, OBD)

Engine: Front x Mid. ____ Rear ____ Drive: FWD x RWD ____ 4WD-FT x 4WD-PT ____

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP or DPA	Ign. Sys. (ECU.PROM) Part No.	EGR Syst. Part No.	Catalyst Part No.
L1.8V5CLAA (0.41/7.0/0.4)	AC4	A3	2750	7.7	Distributor: Hitachi D4P86-03	None	Fuji's Part No. Front: 20805AA190 Rear: 20805AA220
	AN4		2875	8.2			
	AK4			8.5	Fuji's Part No. 22100AA440		
	AC5	A4	3000 (2875)#	9.1			
	AG5		3000	8.9	Electronic Control Unit: Fuji's Part No. 22611AA480		
	AN5		3125	9.4			
	AK5			9.7			

ie model is tested at higher ETW in accordance with 40 CFR 86.084-26(a)(2).

Date of Issue: December 5, 1988 Revisions:

Vehicle Models

Engine Family LFJ1.8V5FCL9

AC4: LOYALE 4-door Sedan

AC5: LOYALE 4-door Sedan 4WD

AG5: LOYALE 3-door 4WD

AN4: LOYALE Station Wagon

AN5: LOYALE Station Wagon 4WD

AK4: LOYALE Touring Wagon

AK5: LOYALE Touring Wagon 4WD