

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-2-79  
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 1993 model Fuji Heavy Industries, Ltd. exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: PFJ1.8V5HCVX Displacement: 1.8 Liters (109 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

- Oxygen Sensor
- Exhaust Gas Recirculation
- Three Way Catalytic Converter
- Oxidation Catalytic Converter
- Throttle Body Fuel Injection

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

The certification exhaust emission standards for this engine family in grams per mile are:

<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
50,000	0.39	7.0	0.4

The certification exhaust emission values for this engine family in grams per mile are:

<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
50,000	0.25	4.6	0.3

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying to the 50,000-mile hydrocarbons and carbon monoxide standards based on its projected total sales of 1993 model California-certified passenger cars and light-duty trucks.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "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.

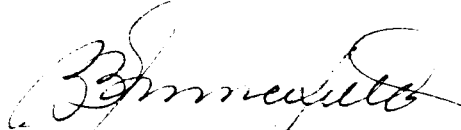
BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

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 regulations (Title 13, California Code of Regulations, Section 2035 et seq.).

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 21 day of May, 1992.



R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

Manufacturer Fuji Heavy Industries Ltd. Eng. Family PFJ1.8V5HCVX

Pass Car x Lt-Duty Truck      Med-duty Vehicle      Fuel Type Gasoline

Engine Config. HO4 Liter (CID) 1.8(109) Evaporative Family KU

Exhaust ECS & Special Features (incl. CARB, MPI, etc.) O2S, EGR TWC(1), OC(1), TBI  
(Use abbreviations per SAE J1930 Jun88)

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

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP	Ign. Sys. (ECU.PROM) Part No.	EGR Syst. Part No.	Catalyst Part No.
P1.8V5CVMA (0.41/7.0/0.4)	AC4	M5	2625	7.7	Distributor: Hitachi D4P86-03 Fuji's part No. 22100AA440  Electronic Control Unit: Fuji's Part No. 22611AA394	EGR Valve: Hitach: APDQ72-3 Fuji's Part No. 14710AA241	Fuji's Part No. Front: 20805KA120 Rear: 20805KA151
	AN4		2750	8.2			
	AC5		2875 (2750)#	9.1			
	AN5		3000 (2875)#	9.4			
P1.8V5CVAA (0.41/7.0/0.4)	AC4	A3	2750	7.7			
	AC5		2875 (2750)#	9.1			
	AN4		2875	8.2			
	AN5		3000	9.4			

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

Date of Issue: March 28, 1992

Revisions:

**E0#A-2-79**

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1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET E.O.# Page 1  
 Manufacturer Fuji Heavy Industries Ltd. Eng. Family PEJ1.8V5HCVX  
 Pass Car x Lt-Duty Truck      Med-duty Vehicle      Fuel Type Gasoline  
 Engine Config. HQ4 Liter (CID) 1.8(109) Evaporative Family KU  
 Exhaust ECS & Special Features (incl. CARB, MPI, etc.) O2S, EGR TWC(1), OC(1), TBI  
 (Use abbreviations per SAE J1930 Jun88)  
 Engine: Front x Mid.      Rear      Drive: FWD x RWD      4WD-FT      4WD-PT x

Eng. Code/ (Cert Std.)	Veh. Models (if Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP	Ign. Sys. (ECU, PROM) Part No.	EGR Syst. Part No.	Catalyst Part No.
P1.8V5CVMA (0.39/7.0/0.4)	AC4	M5	2625	7.7	Distributor: Hitachi D4P86-03 Fuji's part No. 22100AA440 Electronic Control Unit: Fuji's Part No. 22611AA395 22611AA396 (R/C#93-2) 22611AA397 (R/C#93-7) 22611AA398 (R/C#93-8)	EGR Valve: Hitach: APDQ72-3 Fuji's Part No. 14710AA241	Fuji's Part No. Front: 20805KA120 Rear: 20805KA151
	AN4		2750	8.2			
	AC5		2875 (2750)#	9.1			
	AN5		3000 (2875)#	9.4			
P1.8V5CVAA (0.39/7.0/0.4)	AC4	A3	2750	7.7	Fuji's Part No. 22611AA395 22611AA396 (R/C#93-2) 22611AA397 (R/C#93-7) 22611AA398 (R/C#93-8)		
	AC5		2875 (2750)#	9.1			
	AN4		2875	8.2			
	AN5		3000	9.4			

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

Date of Issue: March 28, 1992  
1290

Revisions: 003-4/09/'92 004-6/25/'92  
010-9/23/'92 013-1/11/'93

Vehicle Models

Engine Family PFJ1.8V5HCVX

- AC4: LOYALE 4-door Sedan
- AC5: LOYALE 4-door Sedan AWD
- AN4: LOYALE Station Wagon
- AN5: LOYALE Station Wagon AWD