

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-2-75
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 1992 model Fuji Heavy Industries, Ltd. exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: NFJ1.8V5HCV8 Displacement: 1.8 Liters (109 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

- Oxygen Sensor
- Oxidation Catalyst
- Three-Way Catalyst
- Exhaust Gas Recirculation
- Throttle Body Electronic Fuel Injection

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

The emission standards for this engine family in grams per mile are as follows:

<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
0.41	7.0	0.4

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

<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
0.24	4.6	0.2

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]..." for the aforementioned model year (Title 13, California Code of Regulations, Section 1968).

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 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 Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" for the aforementioned model year (Title 13, California Code of Regulations, Section 2290).

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

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 (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 31st day of May, 1991.



R. B. Summerfield
Assistant Division Chief
Mobile Source Division

Manufacturer Fuji Heavy Industries Ltd. Eng. Family NFJ1.8V5HCV8

Pass Car 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, OC(1), TBI
(Use abbreviations per SAE J1930 Jun88)

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

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.
N1.8V5CVMA (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			
8V5CVAA (0.41/7.0/0.4)	AC4	A3	2750	7.7	Fuji's Part No. 22611AA394		
	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: February 22, 1991 Revisions:
1290

Vehicle Models

Engine Family NFJ1.8V5HCV8

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