Fuji

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-2-92-A
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 1995 model-year Fuji Heavy Industries, Ltd. exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: SFJ2.2VJGFEK Displacement: 2.2 Liters (135 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Three Way Catalytic Converters (two)
Heated Oxygen Sensors (two)
Sequential Multipoint Fuel Injection
On-Board Diagnostic II

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:

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
50,000	0.25	3.4	0.4
100,000	0.31	4.2	n/a

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

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
50,000	0.15	1.5	0.1
100,000	0.17	1.8	n/a

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average non-methane organic gas (NMOG) exhaust mass emission requirements as set forth 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 under the submitted compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the 50,000-mile evaporative emission standards applicable to 1980 through 1994 model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles", and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That, based on the evaporative emission phase-in compliance schedule submitted by the vehicle manufacturer, the listed vehicle models shall not be subject to the running loss and useful life standards set forth in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model 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" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, 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" 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.).

BE IT FURTHER RESOLVED: That the manufacturer is certifying the listed vehicle models with a partially complying on-board diagnostic system for the aforementioned model year pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(6.1) ("Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines").

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 18th day of April, 1994.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

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Manufacturer Fuji Heavy Industries Ltd. Eng. Family SFJ2.2VJGFEK (System #1)

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

Engine Config. HO4 Liter (CID) 2.2(135) Evaporative Family SFJ1030BYM01

Exhaust ECS & Special Features (incl. CARB, MPI, etc.) HO2S(2), TWC(2), SFI, OBD2

(Use abbreviations per SAE J1930 Jun88)

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	Ign. Sys. (ECU.PROM) Part No.	EGR Syst. Part No.	Catalyst Part No.
S2.2BEM (*1)	Legacy 4D	M-5	2875	5.7	Electronic Control Unit: Fuji's Part No. 22611AB412	None	Fuji's Part No. Front: 20805AA670 Rear: 20805AA570
	Legacy SW		3000	6.2			
	Legacy 4D AWD		3125 (3000)#	6.8			
	Legacy SW AWD L		3250 (3125)#	7.4			
S2.2BEMA (*1)	Legacy 4D		3000 (2875)#	6.3	R/C #95-6 22611AB413		
	Legacy 4D L		3000				
	Legacy SW			6.8	R/C #95-7 22611AB414		
	Legacy SW L		3125 (3000)#				
	Legacy 4D AWD		3125	7.5			
	Legacy 4D AWD L						
	Legacy SW AWD Brighton		3250	8.1			
	Legacy SW AWD L			8.1			
				8.2			
				8.5			
	Legacy SW AWD Outback		3375 (3250)#	8.5			
	Legacy SW AWD LS		3375	8.2			
				8.5			

#The model is tested at higher ETW in accordance with 40 CFR 86.095-26(a)(2).

*1 0.25NMHC/3.4CO/0.4NOx at 50,000-mile point.
0.31NMHC/4.2CO at 100,000-mile point.

Date of Issue: March 18, 1994 Revisions: 010-5/27/'94 011-6/17/'94
1290 018-9/10/'94

EO# A-2-92-A
(M/T Models)

Vehicle Road Load

Car Line	Body	Trans.	Test Weight	Tire Size	C.D. A/C Factor	Time (secs.)	Dyno. HP
LEGACY	4-door Sedan	M5	2875	P185/70R14		16.55	5.7
			3000 (2875)#	P185/70R14	x	16.35 (15.67)	6.3
	4-door Sedan L	M5	3000	P185/70R14	x	16.35	6.3
	4-door Sedan L	A4	3000	P185/70R14		15.42	5.6
			3125	P185/70R14	x	15.34	6.2
LEGACY AWD	4-door Sedan AWD	M5	3125 (3000)#	P185/70R14 P185/70R14		15.40 (14.79)	6.8
			3125	P185/70R14	x	14.94	7.5
	4-door Sedan AWD L	M5	3125	P185/70R14	x	14.94	7.5
		A4	3250	P185/70R14	x	14.52	7.4
	4-door Sedan AWD LS	A4	3375	P195/60R15	x	14.66	7.4
			3375	P195/60R15(S)	x	14.07	7.8
LEGACY WAGON	Station Wagon	M5	3000	P185/70R14		16.43	6.2
			3000	P185/70R14	x	15.57	6.8
	Station Wagon L	M5	3125 (3000)#	P185/70R14 P185/70R14	x x	16.22 (15.57)	6.8
		A4	3125	P185/70R14		15.23	6.0
			3250	P185/70R14	x	15.30	6.6
LEGACY WAGON AWD	Station Wagon AWD L	M5	3250 (3125)#	P185/70R14		15.34 (14.75)	7.4
			3250	P185/70R14	x	14.55	8.1
			3250	P195/60R15	x	14.01	8.2
			3250	P195/60R15(S)	x	13.47	8.5
		A4	3250	P185/70R14		14.35	7.1
			3375	P185/70R14	x	14.50	7.8
			3375	P195/60R15	x	14.08	7.8
			3375	P195/60R15(S)	x	13.55	8.1
	Station Wagon AWD Brighton	M5	3250	P185/70R14	x	14.55	8.1
		A4	3375 (3250)#	P185/70R14	x	14.50 (13.96)	7.8
	Station Wagon AWD LS	M5	3375	P195/60R15	x	14.55	8.2
			3375	P195/60R15	x	14.00	8.5
		A4	3500 (3375)#	P195/60R15 P195/60R15	x	14.60 (14.08)	7.8
			3500 (3375)#	P195/60R15(S)	x	14.05 (13.55)	8.1