State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-2-61
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. emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family: LFJ1.8V5HCV6 Displacement: 1.8 Liters (109 inches^3)

Equipped with the following exhaust emission control systems:

Exhaust Gas Recirculation
Oxygen Sensor
Oxidation Catalyst
Three-Way Catalyst
Throttle Body Electronic Fuel Injection
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)
0.39	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)
0.26	4.5	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.

SUPERSEDED

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 provisions (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.

Executed at El Monte, California this 28th day of January, 1989.

K. D. Drachand, Chief
Mobile Source Division

SUPERSEDED

1990 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET E.O.# A-2-61 Page 1

Manufacturer Fuji Heavy Industries Ltd. Eng. Family LFJ1.8V5HCV6

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

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

Emission Control Sys. (Use SAE Abbrv.) O2S, EGR, OC(1), TWC(1), (TBI, OBD)

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 or DPA	Ign. Sys. (ECU.PROM) Part No.	EGR Syst. Part No.	Catalyst Part No.
L1.8V5CVSM (0.41/7.0/0.4)	AC4	M5	2625	7.0	Distributor: Hitachi D4P86-03	EGR Valve: Hitachi APDQ72-3	Fuji's Part No. Front: 20805AA120 Rear: 20805AA150
	AG4			6.8			
	AN4		2750	7.5	Fuji's Part No. 22100AA440	Fuji's Part No. 14710AA241	
	AK4			7.7			
	AC5			8.3	Electronic Control Unit: Fuji's Part No. 22611AA394		
	AG5			8.1			
	AN5		2875	8.5			
	AK5			8.8			
L1.8V5CVSMA (0.41/7.0/0.4)	AC4		2625	7.7			
	AG4			7.5			
	AN4		2750	8.2			
	AK4			8.5			
	AC5			9.1			
	AG5		2875	8.9			
	AN5		3000 (2875)#	9.4			
	AK5			9.7			

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

Date of Issue: December 5, 1988 Revisions:

SUPERSEDED

1990 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET E.O.# A-2-61 Page 2

Manufacturer Fuji Heavy Industries Ltd. Eng. Family LFJ1.8V5HCV6

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

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

Emission Control Sys. (Use SAE Abbrv.) O2S, EGR, OC(1), TWC(1), (TBI, OBD)

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 or DPA	Ign. Sys. (ECU.PROM) Part No.	EGR Syst. Part No.	Catalyst Part No.
L1.8V5CVSA (0.41/7.0/0.4)	AC4	A3	2625	7.0	Distributor: Hitachi D4P86-03	EGR Valve: Hitachi APDQ72-3	Fuji's Part No. Front: 20805AA120 Rear: 20805AA150
	AG4			6.8			
	AN4		2750	7.5	Fuji's Part No. 22100AA440	Fuji's Part No. 14710AA241	
	AK4			7.7			
	AC5			8.3	Electronic Control Unit: Fuji's Part No. 22611AA394		
	AG5		2875 (2750)#	8.1			
	AN5		2875	8.5			
	AK5			8.8			
L1.8V5CVSAA (0.41/7.0/0.4)	AC4		2625	7.7			
	AG4		2750	7.5			
	AN4		2875 (2750)#	8.2			
	AK4			8.5			
	AC5			9.1			
	AG5		2875	8.9			
	AN5		3000	9.4			
	AK5			9.7			

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

Date of Issue: December 5, 1988 Revisions:

SUPERSEDED

Vehicle Models

Engine Family LFJ1.8V5HCV6

AC4: LOYALE 4-door Sedan

AC5: LOYALE 4-door Sedan 4WD

AG4: LOYALE 3-door

AG5: LOYALE 3-door 4WD

AN4: LOYALE Station Wagon

AN5: LOYALE Station Wagon 4WD

AK4: LOYALE Touring Wagon

AK5: LOYALE Touring Wagon 4WD

SUPERSEDED