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:

| Miles | Non-Methane Hydrocarbons | Carbon Monoxide | Nitrogen Oxides |
|---|---|---|---|
| 50,000 | 0.39 | 7.0 | 0.4 |

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

| Miles | Non-Methane Hydrocarbons | Carbon Monoxide | Nitrogen Oxides |
|---|---|---|---|
| 50,000 | 0.25 | 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

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET E.O.# A-2-79 Page 1

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:

EO#A-2-79

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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 (0.39/7.0/0.4) | 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 | | | |
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#The model is tested at higher ETW in accordance with 40 CFR 86.084-26(a)(2).

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1290

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

EO# A-2-79

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