State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER U-M-2-11
Relating to Certification of New
Off-Highway Recreational Vehicles and Engines

FUJI HEAVY INDUSTRIES, LTD.

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapters 1 and 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That the engine and exhaust emission control systems produced by the manufacturer are certified as described below for off-highway recreational vehicles and engines used in such vehicles:

Model Year: 2002

Vehicle Type: All-terrain vehicle

Fuel Type: Gasoline

Engine Family	Displacement Cubic Cent.	Durability Period (Hours)	Emission Control Systems And Special Features
2FJXX.4982GA	498 and 425	n/a	Engine Modification

Production vehicles, and engines that power such vehicles, shall be in all material respects the same as those for which certification is granted. Vehicle models and/or engines that power such vehicles are listed in the attachment.

The exhaust emission standards and certification values for this engine family are listed below in grams per brake horsepower-hour.

Hydrocarbons plus Oxides of Nitrogen		Carbon Monoxide	
Standard	Certification	Standard	Certification
10.0	8.4	300	279

BE IT FURTHER RESOLVED: That, pursuant to Section 2412(e), Title 13 of the California Code of Regulations, the certified engines were tested in accordance with the incorporated small off-road engine test procedures, and have demonstrated compliance with such applicable emission standards.

SUPERSEDED

BE IT FURTHER RESOLVED: That the listed vehicles, and engines that power such vehicles, shall be subject to the procedures for in-use vehicle voluntary and influenced recalls, in-use vehicle ordered recalls, and in-use vehicle enforcement testing pursuant to the provisions of Section 2414, Title 13 of the California Code of Regulations.

BE IT FURTHER RESOLVED: That the listed vehicles, and engines that power such vehicles, shall not discharge any crankcase emissions into the ambient atmosphere pursuant to Section 2412 (i), Title 13 of the California Code of Regulations.

BE IT FURTHER RESOLVED: That the listed vehicles, and engines that power such vehicles, shall comply with the emission-control label provisions of Section 1965, Title 13 of the California Code of Regulations, pursuant to the requirements of Section 2413, Title 13 of the California Code of Regulations ("Emission Control Labels -- New Off-Highway Recreational Vehicles").

Vehicles, and engines that power such vehicles, certified under this Executive Order must conform to all applicable California emission regulations.

Executed at El Monte, California this 22nd day of February 2001.

R. B. Summerfield, Chief
Mobile Source Operations Division

SUPERSEDED

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ATTACHMENT

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SUPERSEDED

2002 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
ALL/TERRAIN/VEHICLE ENGINES

Manufacturer: Fuji Heavy Industries Ltd. Engine Family: 2FJXX.4982GA
Engine Class: 2 Displacement(cc): 425/498 Engine Config: 1C/OHC
Valves/Cylinder: Four Stroke/Cycle:Otto Four Diesel: ____
No.of Carburetors: One Bbls. per Carb.: One Maximum Rated Power: 36 HP @ 6,500 RPM
Fuel Type: Gasoline X Diesel ____ CNG ____ LPG ____ Other(Specify) ____
Cert Fuel: Indo X Ph-2 ____ CNG ____ LPG ____ Other(Specify) ____
Diesel: 13 CCR 2282 ____ 40 CFR 86.113-90 ____ 40 CFR 86.113-94 ____
Cooling Medium: Water Test Procedure: RGM X CVS ____ Other (Specify) ____.
Emission Control System: EM (use abbreviations per SAE J1930 SEP91).

Engine Model (Engine Code)	Rated HP @ RPM(SAE J1349 JUN90)	Ignition System fr. P/N	Fuel System Mfr. P/N	Catalytic Converter Part No.
EH42P01	26 HP (19.4 Kw) @6,000	N/A	N/A	N/A
EH42P03 EH42P04 EH42P05	27 HP (20.1 Kw) @6,000	N/A	N/A	N/A
EH50P01	30 HP (22.4 Kw) @6,000	N/A	N/A	N/A
EH50P02	36 HP (26.8 Kw) @6,500	N/A	N/A	N/A
EH50P03	30 HP (22.4 Kw) @6,000	N/A	N/A	N/A
EH50P04	30 HP (22.4 Kw) @6,000	N/A	N/A	N/A
EH50P09	30 HP (22.4 Kw) @6,000	N/A	N/A	N/A
EH50P13	34.5 HP (25.7 Kw) @6,300	N/A	N/A	N/A

Date Issued: Dec./15/00 (H12-111)
Revisions: