

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-20-108
Relating to Certification of New Motor Vehicles

ISUZU MOTORS LIMITED

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 Isuzu Motors Limited exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: NSZ3.1T5FKB4 Displacement: 3.1 Liters (191 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

- Exhaust Gas Recirculation
- Three-Way Catalyst
- Oxygen Sensor
- 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>Loaded Vehicle Weight(lbs.)</u> | <u>Total Hydrocarbons</u> | <u>Carbon Monoxide</u> | <u>Nitrogen Oxides</u> |
|------------------------------------|---------------------------|------------------------|------------------------|
| 3751-5750 | 0.50 | 9.0 | 1.0 |

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

| <u>Loaded Vehicle Weight(lbs.)</u> | <u>Total Hydrocarbons</u> | <u>Carbon Monoxide</u> | <u>Nitrogen Oxides</u> |
|------------------------------------|---------------------------|------------------------|------------------------|
| 3751-5750 | 0.39 | 5.1 | 0.4 |

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).

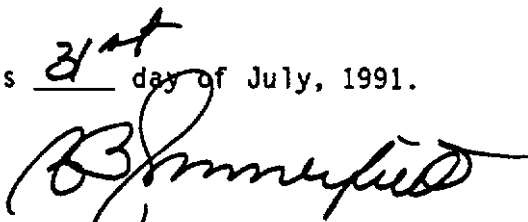
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" for the aforementioned model-year (Title 13, California Code of Regulations, Section 1965).

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 July, 1991.



R. B. Summerfield
Assistant Division Chief
Mobile Source Division

1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET E.O. # A-20-108 Page

Manufacturer ISUZU MOTORS LIMITED Engine Family NSZ3.1T5FKB4

Pass Cars Lt-Duty Trucks X Med-Duty Vehicles Fuel Type Gasoline

Engine Config. V6 Liter (CID) 3.1(191) Evaporative Family CAN-H

Exhaust ECS & Special Features (incl. CARB, MPI, etc.) TWC, EGR, O2S, TBI
(Use abbreviations per SAE J1930 Jun 88)

Engine: Front X Mid. Rear Drive: FWD RWD X 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 DPA | Ign. Sys. (PCME/PROM) Part No. | EGR Syst. Part No. | Catalyst Part No. |
|--|--------------------------------------|----------------------------|--------------------|----------|--------------------------------|--------------------|-------------------|
| KB-1 | KJ-S1 | M | 3,750 | 14.7 | PCME 8161243410 | 8170867200 | 8251280950 |
| | XJ-R1 | | | 14.0 | | | |
| | KJ-S1H | | 3,875 | 15.3 | | | |
| | XJ-S1 | | 4,000 | 14.0 | | | |
| | XJ-S1H | | 4,250 | 15.5 | | | |
| KB-2 | XJ-R1 | A | 3,875 | 14.1 | PCME 8161243510 | | |
| | XJ-S1 | | 4,000 | | | | |
| | XJ-S1H | | 4,250 | 14.7 | | | |
| (Cert Std) | | | | | | | |
| HC/CO/NOx/Evap.: 0.50/9.0/1.0/2.0 | | | | | | | |
| Vehicle Model XJ-R1 : RODEO 2WD XJ-S1, XJ-S1H : RODEO 4WD KJ-S1, KJ-S1H : PICKUP 4WD, Standard cab | | | | | | | |

Revisions:
1290