

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-20-104  
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: NSZ2.3T2FBA6 Displacement: 2.3 Liters (138 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

- Exhaust Gas Recirculation
- Secondary Air Injection
- Three-Way Catalyst
- Oxygen Sensor

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>
0-3750	0.41	9.0	0.7

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>
0-3750	0.33	4.1	0.5

BE IT FURTHER RESOLVED: That the listed models are certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.1.5 of Title 13, California Code of Regulations which includes recall liability for emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying to the optional NOx standard based on the latest projected sales of 1991 model California-certified light-duty trucks and medium-duty vehicles in the 0-3750 pounds loaded vehicle weight class, and limited by the total actual sales of these 1991 model California-certified vehicles.

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).

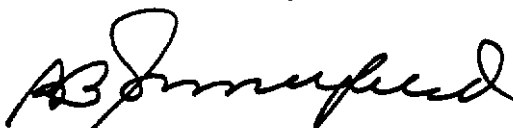
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" for the aforementioned model-year (Title 13, California Code of Regulations, Section 1965).

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 31<sup>st</sup> day of July, 1991.



R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET E.O. # A-20-104 Page     

Manufacturer ISUZU MOTORS LIMITED Engine Family NSZ2.3T2FBA6

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

Engine Config. L4 Liter (CID) 2.3(138) Evaporative Family CAN-E

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

Engine: Front X Mid.      Rear      Drive: FWD      RWD X 4WD-FT      4WD-PT     

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.
BA-1	KB-R1	M	3,125	13.1	PCME 8970226250 8970226280	8941224780	8251316600
	WB-R3		3,375	14.7			
	WB-R3H		3,500				

(Cert Std)

HC/CO/NOx/Evap.: 0.41/9.0/0.7/2.0

Vehicle Model KB-R1 : PICKUP 2WD, Std cab short wheelbase  
 KB-R2 : PICKUP 2WD, Std cab long wheelbase  
 WB-R3 : AMIGO 2WD, P225 tire  
 WB-R3H: AMIGO 2WD, 10.5R tire

Revisions:  
1290