

*E.C. Board*

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-20-16  
Relating to Certification of New Motor Vehicles

ISUZU MOTORS LIMITED

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; 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 Isuzu Motors Limited exhaust emission control systems are certified as described below for 1981 model-year gasoline-powered passenger cars:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
BSZ111V2AA3	111 (1.8)	Air Injection - Pump Exhaust Gas Recirculation Oxidation Catalyst System

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1981 model-year vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
BSZ111V2AA3	0.20	2.1	0.8

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 Administrative Code, 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 1981 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That Isuzu Motors Limited has provided to the Executive Officer all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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 16<sup>th</sup> day of October, 1980.

  
K. D. Drachand, Chief  
Mobile Source Control Division

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Engine Family BSZ111V2AA3 Evaporative Family CAN-A

ABBREVIATIONS Engine CID (Liters) 111 (1.8)

Ignition System

CA-Centrifugal Advance  
 EEC-Electronic Engine Control  
 EI-Electronic Ignition  
 ESAC-Electronic Spark Advance Control  
 VA-Vacuum Advance  
 VR-Vacuum Retard

Exhaust Emissions Control System

AIP-Air Injection-Pump  
 AIV-Air Injection-Valve  
 CL-Closed Loop  
 EGR-Exhaust Gas Recirculation  
 EM-Engine Modification  
 OC-Oxidation Catalyst System  
 TR-Thermal Reactor  
 TWC-Three Way Catalyst System

Special Features

CCV-Combustion Chamber Valve  
 CFI-Central Fuel Injection  
 DI-Diesel Injection  
 EFI-Electronic Fuel Injection  
 MFI-Mechanical Fuel Injection  
 TC-Turbocharged

Fuel System

CFI, DI, EFI, MFI  
 nV-nVenturi Carburetor  
 VV-Variable Venturi

Model Codes

Model Names

P-1	I-Mark Coupe
P-2	I-Mark Sport Coupe
P-3	I-Mark Sedan

## 1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

 Passenger Cars  Light-Duty Trucks  Medium-Duty Vehicles  Gas  DieselManufacturer Isuzu Motors LimitedPage 2Engine Family BSZ111V2AA3Engine  
CodeECS (Special Features) AI,EGR,OCCID (Liters)-Type 111(1.8)L4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class	Ign. System CA, VA, EI Distrib. Part No.	Fuel System 2V Carb. Part No.	EGR Valve Part No.	Label Ident. Part No.
VA-1	P-1 P-2 P-3	M-5	2500	Nippon Denso Ltd. 8942226710	Hitachi Ltd. 8942278870	8942172360	81510
VA-2	P-1 P-2	A-3		8942305800	8942278880		
	P-3		2625				

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment.

Date of Issue - 101880.