

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-20-26
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 1983 model-year Isuzu Motors Limited exhaust emission control systems are certified as described below for diesel-powered passenger cars.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
DSZ111D6JCD7	111 (1.8)	Engine Modification (Diesel Injection - Prechamber)

Vehicle Models, Transmissions, Engine Codes as listed on attachments.

The following are the emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1983 model-year vehicles:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.41	7.0	1.5

The following are the certification emission values for this engine family:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.21	0.7	1.3

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That the Executive Officer has been provided 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 18th day of September, 1982.



K. D. Drachand, Chief
Mobile Source Control Division

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Isuzu Motors Limited Executive Order No. A-20-26 Page 1
 Engine Family DSZ111D6JCD7 Evaporative Family NA
 Engine CID (Liters) 111 (1.8)-L4

ABBREVIATIONS

Ignition System

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

Fuel System

CFI, CL, DID, DIP, EFI, MFI
 nV-nVenturi Carburetor
 VV-Variable Venturi

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
 DID-Diesel Injection-Direct
 DIP-Diesel Injection-Prechamber
 MFI-Mechanical Fuel Injection
 TC-Turbocharged

Models: I-MARK

PD-1: Coupe
 PD-2: Sport Coupe
 PD-3: Sedan
 PD-4: Sport Sedan

DRIVE SYSTEM: Rear Wheel

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas Diesel

Manufacturer Isuzu Motors Limited E.O. #A-20-26

Engine Family DSZ111D6JCD7 CID (liter) - Type 111 (1.8)-L4

ECS (Special Features) EM (DIP)

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System Part No.	Fuel System Part No.	EGR Valve Part No.	Label Ident. Part No.
DCD-1	PD-1	M4 (M-1H)	2,500	NA	Diesel Kiki Co., Ltd. 8942429570 8942429590 8941079280	NA	See tune up label (Pg. 3)
	PD-1* PD-2*	M5 (M-2E)	2,625				
	PD-3* PD-4*	M5 (M-2E)	2,750				
DCD-2	PD-1* PD-2* PD-3* PD-4*	A3 (A-3)	2,750		8942429580 8942429600		

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. If two test weights are listed, the lower weight will be used for testing.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue -
Revisions:

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Isuzu Motors Limited.

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Engine Family DSZ111D6JCD7

Evaporative Family NA

Engine CID (Liters) 111 (1.8)-L4

I-MARK		VEHICLE EMISSION CONTROL INFORMATION		ISUZU MOTORS LIMITED		NON-CATALYST	
ENGINE FAMILY	DSZ111D6JCD7	SET PARKING BRAKE AND BLOCK DRIVE WHEELS.		ENGINE MODIFICATION AND DIESEL INJECTION		SEE SHOP MANUAL AND MAINTENANCE SCHEDULE FOR ADDITIONAL INFORMATION	
ENGINE DISPLACEMENT	111 CID (1.8L)	PLACE TRANSMISSION IN NEUTRAL.		MAKE IDLE SPEED ADJUSTMENT WITH ENGINE AT NORMAL OPERATING TEMPERATURE.		ENGINE TUNE UP APPLICABLE TO ANY ALTITUDES	
IDLE SPEED	625(★725)RPM	AIR CONDITIONER OFF IF INSTALLED AND AIR CLEANER INSTALLED.		IDLE SPEED SETTING PROCEDURE		PT. NO. 8941010180	
INJECTION TIMING	12° BTDC	★ FOR AUTOMATIC TRANSMISSION		1. SET THE ENGINE TACHOMETER			
VALVE LASH	IN			2. ADJUST IDLE SPEED ADJUSTING SCREW TO 625 (★725) RPM.			
(COLD & HOT)	EXH						
ADVERTISED HP (SAE NET)	61/5000 RPM						
FUEL RATE AT ADV. HP	28.5 MM ³ /ST.						
<p>THIS VEHICLE CONFORMS TO U.S. EPA AND CALIFORNIA REGULATIONS APPLICABLE TO 1983 MODEL YEAR NEW MOTOR VEHICLES.</p>							