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.

Engine Family	Displacement Cubic Inches (Liters)	Exhaust Emission Control Systems (Special Features)
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:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.41	7.0	1.5

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

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
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 1st 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 Injectio
TC-Turbocharged

Models: I-MARK
PD-1: Coupe
PD-2: Sport Coupe
PD-3: Sedan
PD-4: Sport Sedan

DRIVE SYSTEM: Rear Wheel

012281

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

X Passenger Cars ___ Light-Duty Trucks ___ Medium-Duty Vehicles ___ Gas X 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.

Engine Family DSZ111D6JCD7

Executive Order No. A-20-26

Evaporative Family NA

Engine CID (Liters) 111 (1.8)-L4

I-MARK VEHICLE EMISSION CONTROL INFORMATION **ISUZU MOTORS LIMITED** **NON-CATALYST**

ENGINE FAMILY		DSZ111D6JCD7
ENGINE DISPLACEMENT		111 CID (1.8L)
IDLE SPEED		625(★725)RPM
INJECTION TIMING		12° BTDC
VALVE LASH (COLD & HOT)	IN	0.010 IN
	EXH	0.014 IN
ADVERTISED HP (SAE NET)		51/5000 RPM
FUEL RATE AT ADV. HP		28.5 MM^3/ST.

SET PARKING BRAKE AND BLOCK DRIVE WHEELS.
PLACE TRANSMISSION IN NEUTRAL.
MAKE IDLE SPEED ADJUSTMENT WITH ENGINE AT NORMAL OPERATING TEMPERATURE.
AIR CONDITIONER OFF IF INSTALLED AND AIR CLEANER INSTALLED.

IDLE SPEED SETTING PROCEDURE

1. SET THE ENGINE TACHOMETER.
2. ADJUST IDLE SPEED ADJUSTING SCREW TO 625 (★725) RPM.
   ★ FOR AUTOMATIC TRANSMISSION

ENGINE MODIFICATION AND DIESEL INJECTION

SEE SHOP MANUAL AND MAINTENANCE SCHEDULE FOR ADDITIONAL INFORMATION

ENGINE TUNE UP APPLICABLE TO ANY ALTITUDES.

THIS VEHICLE CONFORMS TO U.S. EPA AND CALIFORNIA REGULATIONS APPLICABLE TO 1983 MODEL YEAR NEW MOTOR VEHICLES.

PT. NO. 8941010180