

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-20-13
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 1980 model-year gasoline-powered light duty trucks:

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
AITC	111	Air Injection Exhaust Gas Recirculation Oxidation Catalyst

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 1980 model-year vehicles:

<u>Engine Family</u>	<u>Inertia Weight Class</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
AITC	0-3999	0.26	4.9	1.3

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 except Motorcycles".


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 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 28th day of September, 1979.


K. D. Drachand, Acting Chief
Mobile Source Control Division

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Isuzu Motors Limited Executive Order No. A-20-13 Page 1
 Engine Family ALTC Engine (CID) 111

ABBREVIATIONS

<u>Ignition System</u>	<u>Exhaust Emissions Control System</u>	<u>Special Features</u>
CA-Centrifugal Advance	AI-Air Injection	CCAV-Combustion Chamber Air Valve
EEC-Electronic Engine Control	CL-Closed Loop	EFI-Electronic Fuel Injection
EI-Electronic Ignition	EGR-Exhaust Gas Recirculation	MFI-Mechanical Fuel Injection
ESAC-Electronic Spark Advance Control	EM-Engine Modification	TC-Turbo Charged
VA-Vacuum Advance	OC-Oxidation Catalyst	
VR-Vacuum Retard	PAI-Pulse Air Injection	
	TR-Thermal Reactor	
	TWC-Three Way Catalyst	
<u>Fuel System</u>		
EFI, MFI		
nV-nVenturi Carburetor		
VV-Variable Venturi		

Evaporative Emission Family: CAN-A

Models:

LUV-1 & -3 Two-wheel drive Pick-up
 LUV-2 Two-wheel drive Chassis-Cab
 LUV-4 Four-wheel drive Pick-up

LUV-1 - Short WB ("Short Bed") - 102.36" WB
 LUV-3 - Long " ("Long Bed") - 117.91" WB

Issued: 092679.

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Isuzu Motors LimitedPage 2Engine Family AlTCCID-Type 111 L-4

Engine Code _____

ECS (Special Features) OC, AI and EGR+ 10% (A/C)Yes _____ No X

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System	Fuel System	EGR Valve	Label Ident.
				Distrib. Part No.	Carb. Part No.	Part No.	Note(1)
TC-1	LUV-1	M-4	2,875	Nippon Denso Ltd. 8942199540	Hitachi Ltd. 8942173760	Automobile Parts Mfg. Co., Ltd. 8942123000	5000
	LUV-3		3,000				
	LUV-4						
TC-2	LUV-2		3,250	8942180170			6960
TC-3	LUV-1	A-3	2,875		8942173770		5000
	LUV-3		3,000				
	LUV-2		3,250				

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, equipment and frontal area.

Note (1): All Tune-Up Label part numbers begin with 894220.