

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 28<sup>th</sup> 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

<p><u>Ignition System</u>                  CA-Centrifugal Advance                  EEC-Electronic Engine Control                  EI-Electronic Ignition                  ESAC-Electronic Spark Advance Control                  VA-Vacuum Advance                  VR-Vacuum Retard</p> <p><u>Fuel System</u>                  EFI, MFI                  nV-nVenturi Carburetor                  VV-Variable Venturi</p>	<p><u>Exhaust Emissions Control System</u>                  AI-Air Injection                  CL-Closed Loop                  EGR-Exhaust Gas Recirculation                  EM-Engine Modification                  OC-Oxidation Catalyst                  PAI-Pulse Air Injection                  TR-Thermal Reactor                  TWC-Three Way Catalyst</p>	<p><u>Special Features</u>                  CCAV-Combustion Chamber Air Valve                  EFI-Electronic Fuel Injection                  MFI-Mechanical Fuel Injection                  TC-Turbo Charged</p>
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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 Distrib. Part No.	Fuel System Carb. Part No.	EGR Valve Part No.	Label Ident. 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				
TC-2	LUV-4		3,250	8942180170			6960
	LUV-2						
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.