

E.O. Board

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-78
Relating to Certification of New Motor Vehicles

INTERNATIONAL HARVESTER COMPANY

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 1981 model-year International Harvester Company exhaust emission control systems are certified as described below for 1981 diesel-powered light-duty trucks.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
BHC198K6JN8	198 (3.2)	Exhaust Gas Recirculation (turbocharged)

Vehicle Models, Transmissions, and Engine Codes 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>Equivalent Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
4000-5999	0.24	3.7	1.5

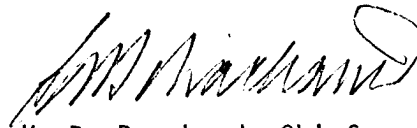
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

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 15th day of October, 1980.



K. D. Drachand, Chief
Mobile Source Control Division

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer International Harvester Executive Order No. A-4-78 Page 1
 Company
 Engine Family BHC198K6JN8 Evaporative Family N/A
 ABBREVIATIONS Engine CID (Liters) 198 (3.2)

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

Vehicle Models

Scout II 4x4
 Terra 4x4
 Traveler 4x4

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer International Harvester Company Page 1A

Engine Family BHC198K6JN8 Engine Code 2

ECS (Special Features) EGR (Turbocharged) CID (Liter)-Type 198 (3.2) L-6

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System	Fuel System	EGR Valve	Label Ident.
				Part No.	Part No.	Part No.	Part No.
2	Scout II 4x4 Terra 4x4 Traveler 4x4	A-3 M-4	4500*	-	Fuel Injection Pump	Nissan 14100-90000 IH Part No. 499949-C1	1700955- C1
					Nissan 16700-90917 IH Part No. 583907-C91		

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 -