

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-69  
Relating to Certification of New Motor Vehicles

INTERNATIONAL HARVESTER COMPANY

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 International Harvester Company exhaust emission control systems are certified as described below for 1980 model-year gasoline-powered medium-duty vehicles:

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
4-196	196	Air Injection Oxidation Catalyst Exhaust Gas Recirculation

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 1979 model-year vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
4-196	0.5	9	2.0

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 the listed vehicle models sold on or after September 1, 1979 also comply with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Sections 2036 et seq.).

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 16<sup>th</sup> day of July, 1979.



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

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Engine Family 4-196 Engine (CID) 196

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

EFI, MFI  
 nV-nVenturi Carburetor  
 VV-Variable Venturi

Exhaust Emissions Control System

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

Special Features

CCAV-Combustion Chamber Air Valve  
 EFI-Electronic Fuel Injection  
 MFI-Mechanical Fuel Injection  
 TC-Turbo Charged

Vehicle Models

Scout II	4 x 2
Scout II	4 x 4
Terra	4 x 4
SS II	4 x 4

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A -4-69

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

Manufacturer International Harvester Company

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Engine Family 4-196

CID-Type 196-L-4

Engine Code 1

ECS (Special Features) AI, EGR, OC

+ 10% (A/C)

Yes          No X

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System CA, VA, EI Part No.	Fuel System 1-1V Part No.	EGR Valve Part No.	Label Ident.
1	Scout II 4x2 SS II 4x4	M-3	4000	Prestolite IDN4001C	Holley List 8789	Rochester 17061715	1700-294-C1
	Scout II 4x4 Terra 4x4		4250				
	Scout II 4x2 Terra 4x4 SS II 4x4	M-4	4000				
	Scout II 4x4 Terra 4x4		4250				

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 inertia weight class.

Date of Issue -