

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-70
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>
V-304	304	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>
V-304	0.8	6	1.8

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 16th day of July 1979.



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

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Engine Family V-304 Engine (CID) 304

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
 Traveler 4 x 2
 Traveler 4 x 4
 Terra 4 x 4
 SS II 4 x 4

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer International Harvester

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Engine Family V-304

CID-Type 304 - V-8

Engine Code 1A & 2A

ECS (Special Features) AI, EGR, OC

+ 10% (A/C)

Yes X No

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System CA, VA, EI Part No.	Fuel System 1-2V Part No.	EGR Valve Part No.	Label Ident.
1A	Scout II 4 x 2 SS II 4 x 4	A-3	4250	Prestolite IND 4002U	Holley List 8790	Rochester 17058589	1700-296-C1
	Scout II 4 x 4 Traveler 4 x 2 Terra 4 x 4		4500	I.H. Part # 1700344 C91	I.H. Part # 1700002-C91	I.H. Part # 1700303-C1	
	Traveler 4 x 4		4750				
2A	Scout II 4 x 2		4250				
	Scout II 4 x 4 Traveler 4 x 2 Terra 4 x 4		4500				
	Traveler 4 x 4		4750				

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.

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1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer International Harvester

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Engine Family 304

CID-Type 304-- V-8

Engine Code 1M

ECS (Special Features) AI, EGR, OC

+ 10% (A/C)

Yes X No

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System CA, VA, EI Part No.	Fuel System 1-2V Part No.	EGR Valve Part No.	Label Ident.
1M	Scout II 4 x 2	M-3	4250	Prestolite IND 4002U I.H. Part # 1700344-C91	Holley List 8790 I.H. Part # 1700002-C91	Rochester 17058590 I.H. Part # 1700304-C1	1700- 296-C1
	Scout II 4 x 4 Terra 4 x 4		4500				
	SS II 4 x 4	M-4	4250				
	Scout II 4 x 2 Scout II 4 x 4 Traveler 4 x 2 Terra 4 x 4		4500				
	Traveler 4 x 4		4750				

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.

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1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer International Harvester

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Engine Family V-304

CID-Type 304 - V-8

Engine Code 2M

ECS (Special Features) AI, EGR, OC

+ 10% (A/C)

Yes X No

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System CA, VA EI Part No.	Fuel System 1-2V Part No.	EGR Valve Part No.	Label Ident.
2M	Scout II 4 x 2	M-3	4250	Prestolite IDN 4002U I.H. Part # 1700344-C91	Holley List 8790 I.H. Part # 1700002-C91	Rochester 17058590 I.H. Part # 1700304-C1	1700-C 296-C1
	Scout II 4 x 4 Terra 4 x 4		4500				
	Scout II 4 x 2 Scout II 4 x 4 Traveler 4 x 2 Terra 4 x 4	M-4	4750				
	Traveler 4 x 4						

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.

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