State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-71
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:

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
V-345	345	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 1980 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
V-345	0.8	13	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 International Harvester Company 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 25th day of July, 1979.

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

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Engine Family V-345 Engine (CID) 345

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

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

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Engine Family V-345 CID-Type 345-V-8 Engine Code 1A & 3A

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 1-4V Part No.	EGR Valve Part No.	Label Ident.
1A	Scout II 4 x 2 SS II 4 x 4	A-3	4250	Prestolite IND 4002W	Carter 9205	Rochester 17061716	1700-298-C1
	Traveler 4 x 2 Scout II 4 x 4		4500	I.H. Part No 1700345-C91	I.H. PART No. 1700009-C91	I.H. PART NO. 496022-C1	
	Traveler 4 x 4 Terra 4 x 4		4750				
3A	Scout II 4 x 2		4250				
	Traveler 4 x 2 Scout II 4 x 4		4500				
	Traveler 4 x 4 Terra 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.

Date of Issue -

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