

E.O. 12812

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-82  
Relating to Certification of New Motor Vehicle Engines

INTERNATIONAL HARVESTER COMPANY

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That the following International Harvester Company 1981 model-year gasoline engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating greater than 8500 pounds:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
BHC0446ABC7	399.8, 446.7 (6.6, 7.3)	Air Injection Pump Engine Modification

Engine Models and Codes as listed on attachments.

Section 43200, Part 5, Division 26 of the California Health and Safety Code requires that the engine manufacturer furnish a decal with each engine sold or delivered to a vehicle manufacturer. The decal shall display the applicable model year heavy-duty engine exhaust emission standards and the following certification emission values:

<u>Engine Family</u>	<u>Hydrocarbons gm/bhp-hr</u>	<u>Carbon Monoxide gm/bhp-hr</u>	<u>Hydrocarbons + Nitrogen Oxides gm/bhp-hr</u>
BHC0446ABC7	0.3	24	3.7

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).

Engines 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 5<sup>th</sup> day of December, 1980.

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

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer International Harvester Executive Order No. A-4-82 Page 1  
Co.

Engine Family BHC0446ABC7 Evaporative Family -

ABBREVIATIONS Engine CID (Liters) 399.8, 446.7 (6.6, 7.3)

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

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
HEAVY-DUTY GASOLINE ENGINES

Manufacturer International Harvester Company Page 1A  
 Engine Family (MV-8C) BHC0446ABC7 CID (Liters) 399.8, 446.7  
-Type (6.6, 7.3) V8 Eng. Code \_\_\_\_\_  
 ECS(Special Features) AIP, (1) EM

Engine Model (Engine Code)	Ignition System CA, VA, EI	Fuel System	EGR Valve	Label Ident.
	Mfgr. Part Number	Mfgr. Part Number	Part Number	
MV-404 (Code 1)	Prestolite IDN 4011 IH Part No. 1700571-C91	1-2V Holly List 9076 List 9073 IH Part No. 1700425-C91 1700421-C91	NA	1700960-C1
MV-446 (Code 2)	Prestolite IDN4003A IH Part No. 484792-C91, C92	1-4V Holley List 9077 List 9075 IH Part No. 1700426-C91 1700423-C91		
MV-446 (Code 3)	Prestolite IDN4003B IH Part No. 1700262-C91, C92	1-4V Carter 9291 IH Part No. 1700427-C91		

Date of Issue -

(1) Two pumps used in system.