

2-1-81

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-81  
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>
BHC0392ABCX	390.89 (6.4)	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>
BHC0392ABCX	0.1	24	4.1

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-4-81 Page 1  
Co.  
 Engine Family BHC0392ABCX Evaporative Family -

ABBREVIATIONS Engine CID (Liters) 390.89 (6.4)

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|--|---|--|
| <p><u>Ignition System</u><br/>                 CA-Centrifugal Advance<br/>                 EEC-Electronic Engine Control<br/>                 EI-Electronic Ignition<br/>                 ESAC-Electronic Spark Advance Control<br/>                 VA-Vacuum Advance<br/>                 VR-Vacuum Retard</p> | <p><u>Exhaust Emissions Control System</u><br/>                 AIP-Air Injection-Pump<br/>                 AIV-Air Injection-Valve<br/>                 CL-Closed Loop<br/>                 EGR-Exhaust Gas Recirculation<br/>                 EM-Engine Modification<br/>                 OC-Oxidation Catalyst System<br/>                 TR-Thermal Reactor<br/>                 TWC-Three Way Catalyst System</p> | <p><u>Special Features</u><br/>                 CCV-Combustion Chamber Valve<br/>                 CFI-Central Fuel Injection<br/>                 DI-Diesel Injection<br/>                 EFI-Electronic Fuel Injection<br/>                 MFI-Mechanical Fuel Injection<br/>                 TC-Turbocharged</p> |
| <p><u>Fuel System</u><br/>                 CFI, DI, EFI, MFI<br/>                 nV-nVenturi Carburetor<br/>                 VV-Variable Venturi</p>  |   |  |

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

Manufacturer International Harvester Company Page 1A  
 Engine Family (V-392C) BHC0392ABCX CID (Liters) 390.89(6.4)V8 Eng. Code \_\_\_\_\_  
 ECS(Special Features) AIP,<sup>(1)</sup> EM

Engine Model (Engine Code)	Ignition System CA, VA, EI	Fuel System 1-4V	EGR Valve	Label Ident.
	Mfgr. Part Number	Mfgr. Part Number	Part Number	
V-392C (Code 1)	Prestolite IDN4002AB  IH Part No. 1701051-C91	Holley List 9560 List 9565  IH Part No. 1701024-C91 1701025-C91	NA	1701050-C1

Date of Issue -

(1) Two pumps used in system.