E. Bock

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-47
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 International Harvester Company 1977 model-year gasoline-powered engines in heavy-duty motor vehicles are certified for the engine family described below:

Family	Engine Size (CID)	Engine Model	Exhaust Emission Control System
V-345C	345	V-345	Air Injection and Exhaust Gas Recirculation

Section 43200, Part 5, Division 26 of the California Health and Safety Code requires that the manufacturer affix a decal to the side window to the rear of the driver or, if there is no such window on the driver's side, to the windshield of the motor vehicle.

The decal shall display the applicable model year heavy-duty engine exhaust emission standards and the following recommended values:

Engine Family	HC + NOx gm/bhp-hr	CO gm/bhp-hr	HC gm/bhp-hr	NOx gm/bhp-hr
V-345C		18	0.9	5.6

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 21 day of December, 1976.

G. C. Hass

G. C. Hass, Chief
Vehicle Emissions Control Division

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET HEAVY-DUTY GASOLINE ENGINES

Manufacturer INTERNATIONAL HARVESTER Executive Order No. A-4-47 Page 1

Engine Family V-345C Engine (CID) 345 Calibration

Emission Control System AI, EGR

Engine Models	Distributor Type Mfgr. Part No.	Fuel System Type 1-2V Mfgr. Part No.	EGR System Part No. Service*	Tune-Up Specifications (1) Basic Timing (2) Idle Mixture (3) Idle Speed
V-345	Holley-Prestolite 483492-C91, 483493-C91 Cent. only	Holley 476113-C91	472207-C1 I-12,000 mi.	(1) TDC @ 675 rpm. (2) 1.0-3.0% CO (3) 625-675 rpm
	483423-C91 Cent. & Vac. Prestolite 484785-C91	483449-C91	480825-C1 I-12,000 mi.	(1) 5° BTC @ 675 rpm. (2) 0.5 -1.5% CO (3) 625-675 rpm.

Comments

Date of Issue 122176.

Opt. Prestolite distributor added by RC7714, on 022277.

Abbreviation

Distributor
C-Centrifugal Advance
V-Vacuum Advance
VR-Vacuum Retard
EI-Electronic Ignition

Exhaust Emission Control System
AI-Air Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst

*Service
I-Inspect, repair, replace as needed
R-Replace