

*E. Beck*

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:

<u>Family</u>	<u>Engine Size (CID)</u>	<u>Engine Model</u>	<u>Exhaust Emission Control System</u>
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.

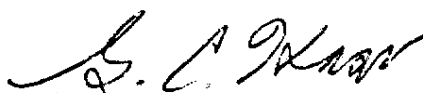
The decal shall display the applicable model year heavy-duty engine exhaust emission standards and the following recommended values:

<u>Engine Family</u>	<u>HC + NOx gm/bhp-hr</u>	<u>CO gm/bhp-hr</u>	<u>HC gm/bhp-hr</u>	<u>NOx gm/bhp-hr</u>
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, 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 1Engine 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 mf.	(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 mf.	(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

\*ServiceI-Inspect, repair, replace  
as needed

R-Replace