

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-44
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 families described below:

<u>Family</u>	<u>Engine Size (CID)</u>	<u>Engine Model</u>	<u>Exhaust Emission Control System</u>
V-392C	390.9	V-392	Air injection, Exhaust gas recirculation and Engine modification
MV-8C	399.8	MV-404	
	446.7	MV-446	

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-392C		17	0.7	7.1
MV-8C		23	1.0	7.5

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 1 day of December, 1976.

G. C. Hass

G. C. Hass, Chief
Division of Vehicle Emissions Control

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

Manufacturer INTERNATIONAL HARVESTER CO. Executive Order No. A-4-44 Page 1Engine Family V-392C/MV-8C Engine (CID) 391/446⁴⁰⁰ Calibration Emission Control System AI, EGR, EM

Engine Models	Distributor Type C,V Mfgr. Part No.	Fuel System Type 1 Mfgr. Part No.	EGR System Part No. Service*	Tune-Up Specifications (1) Basic Timing (2) Idle Mixture (3) Idle Speed
V-392	Holley Prestolite 467034-C91 467035-C91	Holley 476056-C91 4V	480824-C1 I-12,000 mi.	(1) TDC @ 675 RPM, (2) 0.5-1.5% CO (3) 625-675 RPM
MV-404	Holley Prestolite 446916-C92 446921-C92 Prestolite 484790-C91	476109-C91 2V	446981-C1 I-12,000 mi.	(1) 90° BTC (2) 0.5-2.5% CO (3) 525-575 RPM-Man.Tr. 625-675 RPM-Auto. Tr.
	Holley Prestolite 446916-C92 446920-C92 446921-C92 Prestolite 484790-C91	476057-C91 481872-C91 2V	440312-C1 I-12,000 mi	
		476058-C91 481873-C91 4V		
MV-446	Holley Prestolite 446917-C92 446918-C92	461313-C92 4V		(1) 50° BTC (2) & (3) Same as MV-404

Comments

Date of Issue 120176

Opt. Prestolite distributor added by RC 7714, on 022277.
13 May 1977, R/C 7723 reinstates MV-8 distributors with -C91 suffix part numbers as optional units. (AD-6098, -6099 calibrations)

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