State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-51
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 1978 model-year gasoline-powered engines in heavy-duty motor vehicles are certified for the engine families, codes and models described below:

Family	Engine Size (CID)	Exhaust Emission Control System
V-392C	390.9	Air Injection, Exhaust
MV-8C	399.8	Gas Recirculation,
	446.7	Engine Modification

Models and Engine Codes as listed in attachment.

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-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 12 day of August, 1977.

G. C. Hass, Chief
Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET HEAVY-DUTY GASOLINE ENGINES

Manufacturer International Harvester Co. Executive Order No. A-4-51 Page 1

Engine Family V-392C/MV-8C Engine (CID) 391, 400,446 Calibration

Emission Control System AI, EGR, EM

Code	Engine Models	Distributor Type C,V Mfgr. Part No.	Fuel System Type T Mfgr. Part No.	EGR System Part No. Service*	Tune-Up Specifications (1) Basic Timing (2) Idle Mixture (3) Idle Speed
1,2	V-392	Holley Prestolite 467034-C91 467035-C91	Holley 476056-C91 4V 487859-C91	480824-C1 I-12,000 mi.	(1) TDC @ 675 RPM (2) 0.5 - 1.5% CO (3) 625 - 675 RPM
1	MV-404	Holley Prestolite 446916-C92 446921-C92 Prestolite 484790-C91	476109-C91 2V 487860-C91	446981-C1 I-12,000 mi.	(1) 9° BTDC @ 575 RPM (2) 0.5 - 2.5% CO (3) 525 - 575 RPM - Man. Tr. 625 - 675 RPM - Auto. Tr.
2		Holley Prestolite 446920-C92 446921-C92 446916-C92 Prestolite 484790-C91	476057-C91 481872-C91 2V 487861-C91		
3			476058-C91 481873-C91 487862-C91 4V	440312-C1 I-12,000 mi	
4	MV-446	Holley Prestolite 446917-C92 446918-C92 Prestolite 484792-C91	461313-C92 4V 487863-C91		(1) 5° BTDC @ 575 RPM (2) & (3) Same as MV-404
1,2	V-392	Prestolite 484788-C91	see above V-392	see above V-392	see above V-392

Comments

Added new carburetor part numbers per running change #7801.
Added optional prestolite distributors per running change #7803.

Date of Issue

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

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET HEAVY-DUTY GASOLINE ENGINES

Manufacturer International Harvester Co. Executive Order No. A-4-51 Page 2

Engine Family V-392C Engine (CID) 391 Calibration

Emission Control System AI,EGR,EM

Code	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
1,2	V-392	Holley Prestolite 467034-C91 467035-C91 Prestolite 484788-C91	Holley 476056-C91 4V 487859-C91 487859-C92	480824-C1 I-12,000 mi.	(1) TDC @ 675 RPM (2) 0.5 - 1.5% CO (3) 625 - 675 RPM

Comments

Added new carburetor part number for E.F. V-392C per running change #7815.

Date of Issue

Abbreviation

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

Exhaust Emission Control System
AI-Air Injection
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EM-Engine Modification
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*Service
I-Inspect, repair, replace as needed
R-Replace