State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4
Relating to Approval of New Motor Vehicles

Pursuant to the authority vested in the Air Resources Board by Sections 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 of the Health and Safety Code;

IT IS ORDERED AND RESOLVED: That International Harvester Company exhaust emission control systems for 1973-model year light-duty motor vehicles are approved for the engine families described below:

Engine Family	Engine Size (cubic inches)	Emission Control Systems	Vehicle Models
6-258	258	AI, EGR Canister	Scout 4x2 & 4x4 1010 PU & Travelall 1110 PU 4x2 & PU 4x4 1110 Travelall 4x2 & 4x4
V304	304	AI, EGR, Canister	Scout 4x2 & 4x4 1010 PU & Travelall* 1110 PU 4x2 & 4x4 1110 Travelall 4x2 & 4x4* 1210 Travelall 4x2 & 4x4*
V345	345	AI, EGR, Canister	Scout 4x2 & 4x4 1010 PU & Travelall 1110 PU 4x2 & 4x4 1110 Travelall 4x2 & 4x4 1210 Travelall 4x2 & 4x4
V392	392	AI, EGR, Canister	1010 PU & Travelall 1110 PU 4x2 & 4x4 1110 Travelall 4x2 & 4x4

* Approval not granted for:

1010 Travelall and 1100 Travelall 4x2 with 3.07 axle ratio, M/T
1110 Travelall 4x4 and 1210 Travelall 4x2 with 3.54 axle ratio, M/T
1210 Travelall 4x4 with Manual Transmission

Section 39152, Part I, Division 26 of the California Health and Safety Code requires that a decal be affixed to the side window which discloses the highest emissions from the certification fleet for that vehicle for which approval has been granted by the Board.

EXECUTIVE ORDER A-4

The following are the official values to be listed on the decal:

Engine Family	Hydrocarbons gms/mi	Carbon Monoxide gms/mi	Nitrogen Oxides gms/mi
6-258	2.2	34	2.9
V-304	3.1	36	2.7
V-345	3.0	34	2.8
V-392	2.9	34	2.9

These values are in effect until January 30, 1973. After this date, the exhaust emissions for each vehicle determined by factory assembly-line tests in accordance with the "Assembly-Line Test Procedure for 1973 and Subsequent Model Light-Duty Vehicles" must be shown on a decal.

Section 3 of the above procedure requires you to submit, before the start of a model-year, a list of the items to be functionally checked and the procedure, including instrumentation, for performing these checks.

In accordance with Section III E. of the California Exhaust Emission Standards and Test Procedures for 1973 through 1976 Models Gasoline-Powered Light-Duty Motor Vehicles, you are required to inform the ARB of any production changes which will affect emissions.

A supplemental information sheet is attached to this letter which includes tune-up specifications and emission control system data.

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

Executed at Sacramento, California, this 1 day of August 1972.

JOHN A. MAGA
Executive Officer

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1973 Model-Year
Light Duty Vehicles

MANUFACTURER: INTERNATIONAL HARVESTER COMPANY

EXECUTIVE ORDER A-4

Vehicle Model	Engine C.I.D.	Carburetor No. of Venturi	Trans-mission	Engine Family	Inertia Weight	Tune-up Specifications		
						Idle RPM	Basic Timing	Idle CO
Scout	258	Holley 1 Bbl	M-3	6-258	4000	700	0° TDC	1.0- 1.5% with Al Discon.
	304	Holley 2 Bbl	M-3	V-304	4000	700	0° TDC	" "
	345	Holley 2 Bbl	M-4	V-345	4500	700	0° TDC	" "
* 1110	258	Holley 1 Bbl	M-3 A-3 M-3	6-258	4000	700	0° TDC	" "
	304	Holley 2 Bbl	M-3	V304	4500 5000	700	0° TDC	" "
	345	Holley 2Bbl	A-3	V345	5000	700	0° TDC	" "
	392	Holley 4Bbl	A-3	V392	5500	700	0° TDC	" "
* 1210	304	Holley 2Bbl	M-4	V304	5000	700	0° TDC	" "
	345	Holley 2Bbl	M-3	V345	5500	700	0° TDC	" "
	392	Holley 4Bbl	A-3 M-4	V392	5500	700	0° TDC	" "
* 1010	345 392 304	Holley 2Bbl Holley 4Bbl Holley 2Bbl	A-3 A-3 A-3	V345 V392 V304	5000 5500 5000	700 700 700	0° TDC 0° TDC 0° TDC	" " " " " "

* Approval not granted for:

1010 Travelall and 1100 Travelall 4x2 with 3.07 axle ratio, M/T
1110 Travelall 4x4 and 1210 Travelall 4x2 with 3.54 axle ratio, M/T
1210 Travelall 4x4 with Manual Transmission

See other side for additional information.

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1973 Model-Year
Light Duty Vehicles

EXECUTIVE ORDER A-4

MANUFACTURER: INTERNATIONAL HARVESTER COMPANY

Model	Engine C.I.D.	Carburetor No. of Venturi	Transmission	Distributor Make & No.	Type Adv.*	Carburetor Make & No.	Emission Control System: Exhaust	NOx	Evap.	Other**
Scout	258	Holley 1 Bbl	M-3	Delco C-4861	C&V	Holley 1940	AI	EGR	Canister	"
	304	Holley 2 Bbl	M-3	Holley 87D-249	C&V	Holley 2210	"	"	"	"
	345	Holley 2 Bbl	M-4	Holley 87D-249	C&V	Holley 2210	"	"	"	"
1110	258	Holley 1 Bbl	M-3 A-3	Delco C-4861	C&V	Holley 1940	"	"	"	"
	304	Holley 2 Bbl	M-3	Holley 87D249	C&V	Holley 2210	"	"	"	"
	345	Holley 2 Bbl	A-3	Holley 87D249	C&V	Holley 2210	"	"	"	"
	392	Holley 4 Bbl	A-3	Holley 87D226	C&V	Holley 4160	"	"	"	"
1210	304	Holley 2 Bbl	M-4	Holley 87D249	C&V	Holley 2210	"	"	"	"
	345	Holley 2 Bbl	M-3	Holley 87D249	C&V	Holley 2210	"	"	"	"
	392	Holley 2 Bbl	A-3	Holley 87D249	C&V	Holley 4160	"	"	"	"
1010	345	Holley 2 Bbl	A-3	Holley 87D249	C&V	Holley 2210	"	"	"	"
	392	Holley 4Bbl	A-3	Holley 87D226	C&V	Holley 4160	"	"	"	"
	304	Holley 2 Bbl	A-3	Holley 87D249	C&V	Holley 2210	"	"	"	"

** Other emission controls
VSCS - vehicle speed controlled spark, restores vac. adv. above 34± 2MPH on accel. & below 25± 2 MPH on decel.
EGR T/S - temperature switches remove EGR below 82-88°F
DIST T/S - distributor temperature switch, restores vac. adv. at 192-198°F except for 25B CID engine
EHV - exhaust heat valve
HIA - heated intake air, opens at 90-100°F
WTC - water temperature control, 100°F except for 258 CID engine which has a 195°F thermostat.

* C - Centrifugal
V - Vacuum
VR - Vacuum retard