786, 886, 986, 1086, 1486, 1586 & Hydro-186 Tractors

Operators Manual

1096207R4

CASE III

Reprinted



THIS SAFETY ALERT SYMBOL INDICATES IMPORTANT SAFETY MESSAGES IN THIS MANUAL. WHEN YOU SEE THIS SYMBOL, CAREFULLY READ THE MESSAGE THAT FOLLOWS AND BE ALERT TO THE POSSIBILITY OF PERSONAL INJURY OR DEATH.

M171E

If Safety Decals on this machine use the words **Danger**, **Warning or Caution**, which are defined as follows:

- DANGER: Indicates an immediate hazardous situation which if not avoided, will result in death or serious injury. The color associated with Danger is RED.
- WARNING: Indicates an potentially hazardous situation which if not avoided, will result in serious injury. The color associated with Warning is ORANGE.
- CAUTION: Indicates an potentially hazardous situation which if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices. The color associated with Caution is YELLOW.

If Safety Decals on this machine are ISO two panel Pictorial, decals are defined as follows:

- The first panel indicates the nature of the hazard.
- The second panel indicates the appropriate avoidance of the hazard.
- Background color is YELLOW.
- Prohibition symbols such as







if used, are RED.



IMPROPER OPERATION OF THIS MACHINE CAN CAUSE INJURY OR DEATH. BEFORE USING THIS MACHINE, MAKE CERTAIN THAT EVERY OPERATOR:

- Is instructed in safe and proper use of the machine.
- Reads and understands the Manual(s) pertaining to the machine.
- Reads and understands ALL Safety Decals on the machine.
- Clears the area of other persons.
- Learns and practices safe use of machine controls in a safe, clear area before operating this machine on a job site.

It is your responsibility to observe pertinent laws and regulations and follow Case Corporation instructions on machine operation and maintenance.

TO THE OWNER

Before you operate the tractor study this manual carefully. It has been prepared to help you operate and maintain your tractor with utmost efficiency.

This symbol is used to call your attention to instructions concerning your personal safety. Be sure to

observe and follow these instructions.

Assembled in this manual are operation, lubrications, and maintenance instructions for the International 786, 886, 986, 1086, 1486, 1586, and Hydro 186 Tractors. This material has been prepared in detail in the hope that it will help you to better understand the correct care and efficient operation of vour tractor.

886 tractors with tractor serial number 14471 and below are equipped with D-360 engines. 886 tractors with tractor serial number 14472 and above are equipped with D-358 engines.

For prompt, efficient service, always specify the tractor model and serial numbers, including prefix and suffix letters. Write these serial numbers in the spaces provided under "Serial Numbers".

Your new International Harvester tractor is designed to meet today's exacting operating requirement. The ease and comfort of operation, the ability to match ground speeds to engine power and work requirement, and the effortless versatility of the hydraulic system are intended to lighten your work and shorten your hours on the job.

Your local International Harvester dealer is interested in the performance you receive from these tractors. He has factory-trained servicemen, informed in the latest method of servicing tractors, modern tools, and originalequipment IH service parts which assure proper fit and good performance.

To obtain top performance and assure economical operation the tractor should be inspected, depending on its use, periodically. or at least once a year by your International Harvester Dealer.



Universal symbols are used to pictorially identify various tractor instruments and controls.

Throughout this manual, an identifying symbol is placed by the instructions like this example for engine coolant temperature. The waves signify water or coolant and the thermometer indicates temperature. Regardless of the language used in a nation, and without translation, this symbol means water or coolant temperature.

The nuts and bolts used to attach the front weight bracket to the bolster and the alternator-generator to the engine have been changed from "Inch" to "Metric" sizes. Be careful to use the correct sizes when replacing them. Be sure to use the proper size tools.

Optional equipment and accessories is available. Disregard the instructions for equipment not on your tractor.

METRIC (SI) MEASUREMENTS

A standard of metric measurement known as International System of Units (SI) has been adopted for world-wide use. English Units followed by Metric Equivalents are used throughout this manual. (Metric Equivalents are given in parenthesis.)

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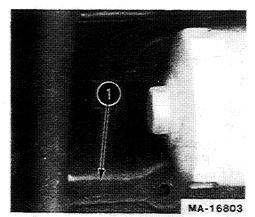
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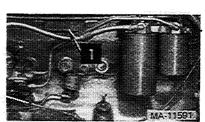
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SERIAL NUMBERS



Right side of engine crankcase. 786 Tractors and 886 Tractors with D-358 engine.



Left side of engine crankcase. 886 Tractors with D-360 Engine and 986, 1086, 1486, 1586 and Hydro 186 Tractors

1 — Engine serial number 886 Tractor D-360

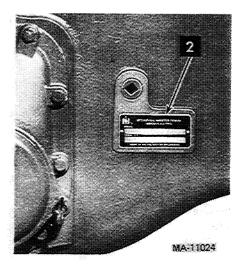
986 Tractor D-436

1086 Tractor DT-414

1486 Tractor DT-436

1586 Tractor DT-436

Hydro 186 Tractor Tractor D-436



Right side of rear frame 2 — Tractor serial number



Right side of cab or rops. 3 - Cab/ROPS model and serial number



TERMS OF LOCATION



1 - Front 2 - Right 3 - Rear 4 - Left



886 Tractor shown. 986, 1086, 1486,1586 and Hydro 186 Tractors are similar.

786 Tractor

1-Front

2-Right

3-Rear

4-Left



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