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International Harvester

Operator's Manual

400

Cyclo Planter

Operator's Manual

JENSALES.COM

or Call 800-443-0625

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MANUAL PREVIEW

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Operators Manual

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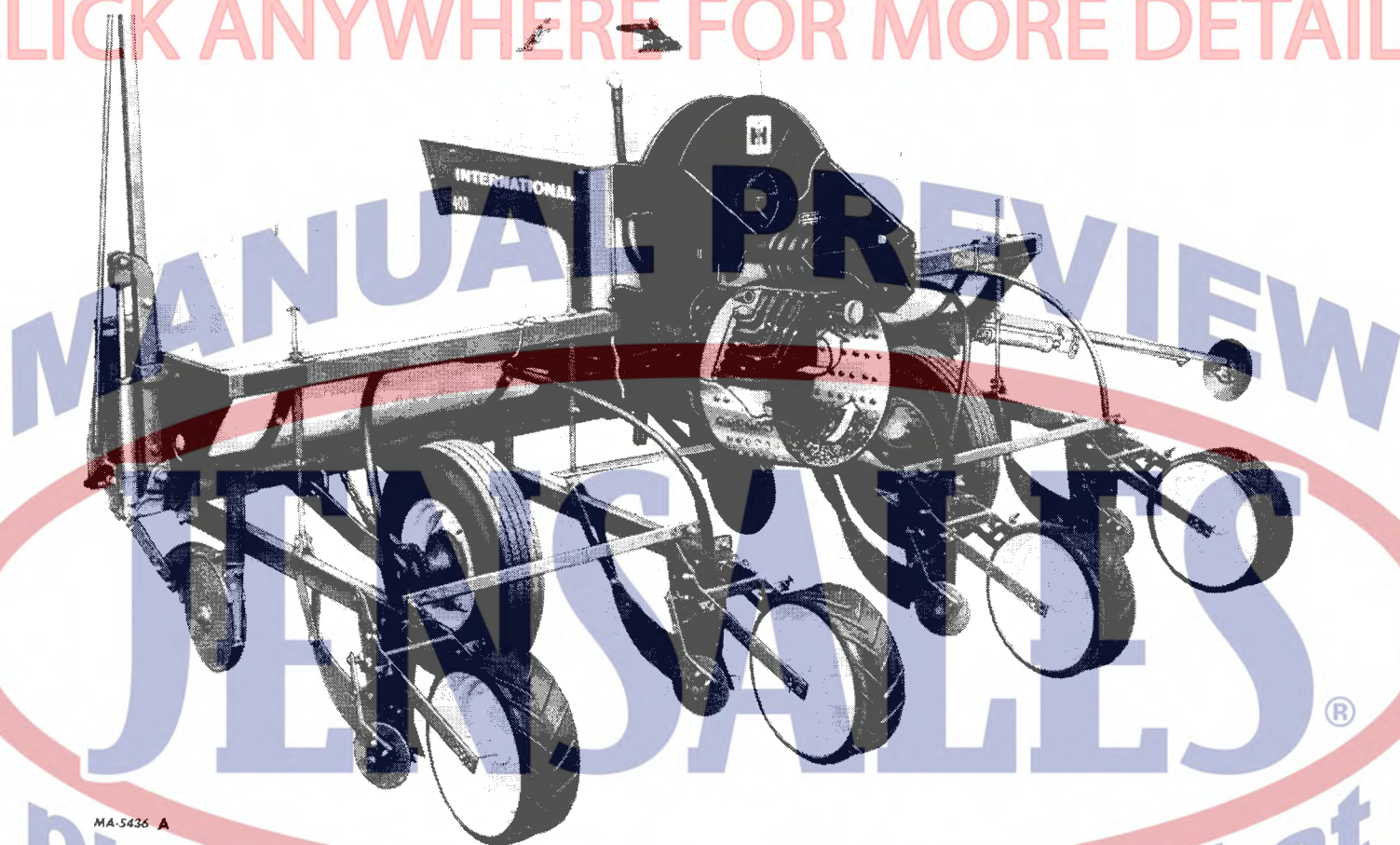
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INTRODUCTION

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Whenever the terms "left and right" are used, it should be understood to mean from a position behind and facing the machine.

A variety of optional equipment is available. Refer to "Optional Equipment". Operating and maintenance instruction on these items is included in the instructions for operating or maintaining the machine. Disregard instructions for equipment not on your machine.

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INTRODUCTION

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International 400 CYCLO® Planter Four-Row* Convertible—36, 38 and 40-inch (914, 965, and 1016 mm) rows (optional equipment shown)

*This planter can be converted to Six 28 or 30 inch (711 or 762 mm) rows.

ih INTERNATIONAL HARVESTER COMPANY
CHICAGO, ILLINOIS

MODEL _____

SERIAL NO. _____

MADE IN UNITED STATES OF AMERICA

MA-5482

When in need of parts, always specify the model and serial numbers, including prefix and suffix letters. Write these numbers in the spaces provided. Serial number plate is located on rear of blower housing.

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INTRODUCTION

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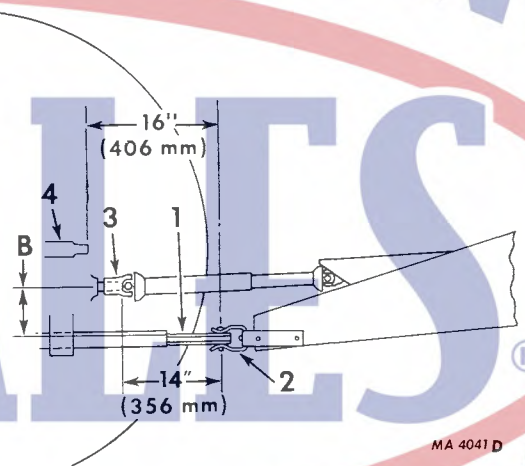
ATTACHING TO THE TRACTOR

POWER TAKE-OFF MECHANICAL BLOWER DRIVE

Adjust the tractor drawbar (Ref. 1) so the horizontal distance, from the end of the tractor power take-off shaft to the hitch point on the drawbar (or drawbar extension, if used) measures 14 inches (356 mm) **as shown** for 540 r.p.m. power take-off and 16 inches (406 mm) for 1000 r.p.m. power take-off.

The vertical distance ("B"), from the top of the drawbar to the center of the tractor power take-off, must be 6 to 12 inches, (152 to 305 mm), 8 inches (203 mm) being recommended. The drawbar hitch point must be aligned with the center of the tractor power take-off shaft. **NOTE:** A swinging drawbar must be locked in this position and all possible lateral motion removed to avoid damage to the power take-off system.

NOTE: Never hook up a 540 r.p.m. machine to a 1000 r.p.m. tractor power take-off or a 1000 r.p.m. to a 540 r.p.m. tractor power take-off.



Drawbar Extension Plate (Optional)

For tractors equipped with a Fast-Hitch cross drawbar or a fixed drawbar: A drawbar extension plate is required to extend the planter hitch point to the rear of the drawbar. Drawbar extension plates are available from your International Harvester dealer for the various model tractors.

For Farmall or International Tractors equipped with Two-Point or Three-Point Hitch: Use the swinging drawbar attachment which can be obtained from your International Harvester dealer.

For all tractors equipped with a swinging drawbar. Locate the drawbar in a fixed position in the center of the tractor.

Hitching to the Tractor

The machine must be attached to any tractor having a drawbar and power take-off that conforms to ASAE-SAE standards and having a power take-off speed to match the power shaft speed of the machine.

Hitch the planter to the tractor drawbar. (See Ref. 2).

Connect the front power take-off yoke (Ref. 3) to the shaft on the tractor by compressing the pin in the yoke and sliding the yoke on the power take-off shaft until the pin drops into the groove in the shaft.

ATTACHING TO THE TRACTOR

HYDRAULIC BLOWER DRIVE



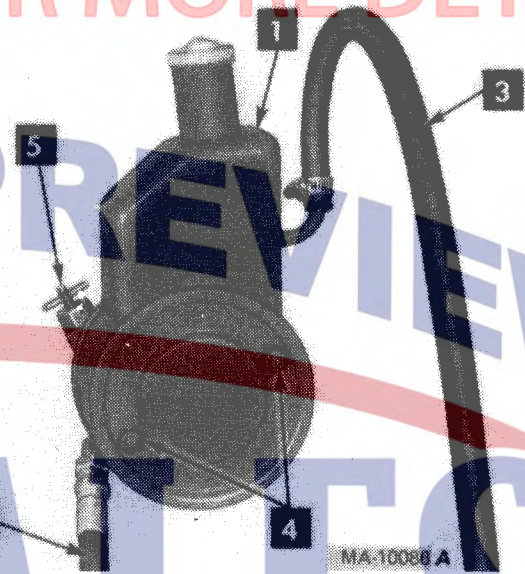
- 1 - Hydraulic pump PTO coupler for 1000 rpm tractor PTO
- 2 - Hydraulic pump and reservoir
- 3 - Filler cap
- 4 - Flow control valve
- 5 - Pump mounting plate
- 6 - Pump anchor bar
- 7 - Anchor bar bracket (attached to tractor drawbar)
- 8 - Quick attaching pin

Three-Point hitch tractor shown.

Swinging Drawbar

A swinging drawbar must be locked in position on tractor center line and all possible lateral motion removed to avoid damage to the hydraulic pump system.

For Farmall or International Tractors equipped with Fixed Drawbar: Use the swinging drawbar attachment which can be obtained from your International Harvester dealer.



- 1 - Hydraulic oil reservoir
- 2 - Pressure line
- 3 - Return line
- 4 - Sealing washers, spacers and nuts
- 5 - Internal flow control valve

Hitching to the Tractor

In order to obtain adequate clearance, it may be necessary to remove the tractor power take-off shaft master shield before installing the hydraulic pump unit. On tractors equipped with dual power take-off shafts, the lower, 540 R.P.M. shaft, must be covered with the tubular shield at all times when not in use. The tractor power take-off master shield **must** be replaced on the tractor whenever the hydraulic pump unit is removed.

Connect the hydraulic blower drive pump to the power take-off shaft and secure with pump anchor bar, bracket and quick attachable pin.

Connect the planter hydraulic lift cylinder hose to the tractor lower port at "A".



CAUTION! To prevent implement from tipping up always lower implement to the ground before disconnecting from tractor.