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MANUAL PREVIEW

Ford
Operator's Manual

Two-Way Plow

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Operator's Manual

FO-O-TWO WAY

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**LIFT
TYPE**

DEARBORN **TWO-WAY PLOW** (Model 10-14)

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Figure 1

The Dearborn two-way plow

The Dearborn Two-Way Plow, pictured above, is a Lift Type implement and, like all Dearborn Equipment, is built to high quality standards and specifications.

The Plow consists of a heavy cast steel T-frame, heavy rigid cast steel plow beams which are counterbalanced by a cable supported by sheaves, two heavy moldboard type plow bottoms, and two adjustable coulters.

The width of cut is quickly and easily adjusted by means of eyebolts and nuts connecting the plow beams to the T-frame.

The Dearborn Two-Way Plow is operated

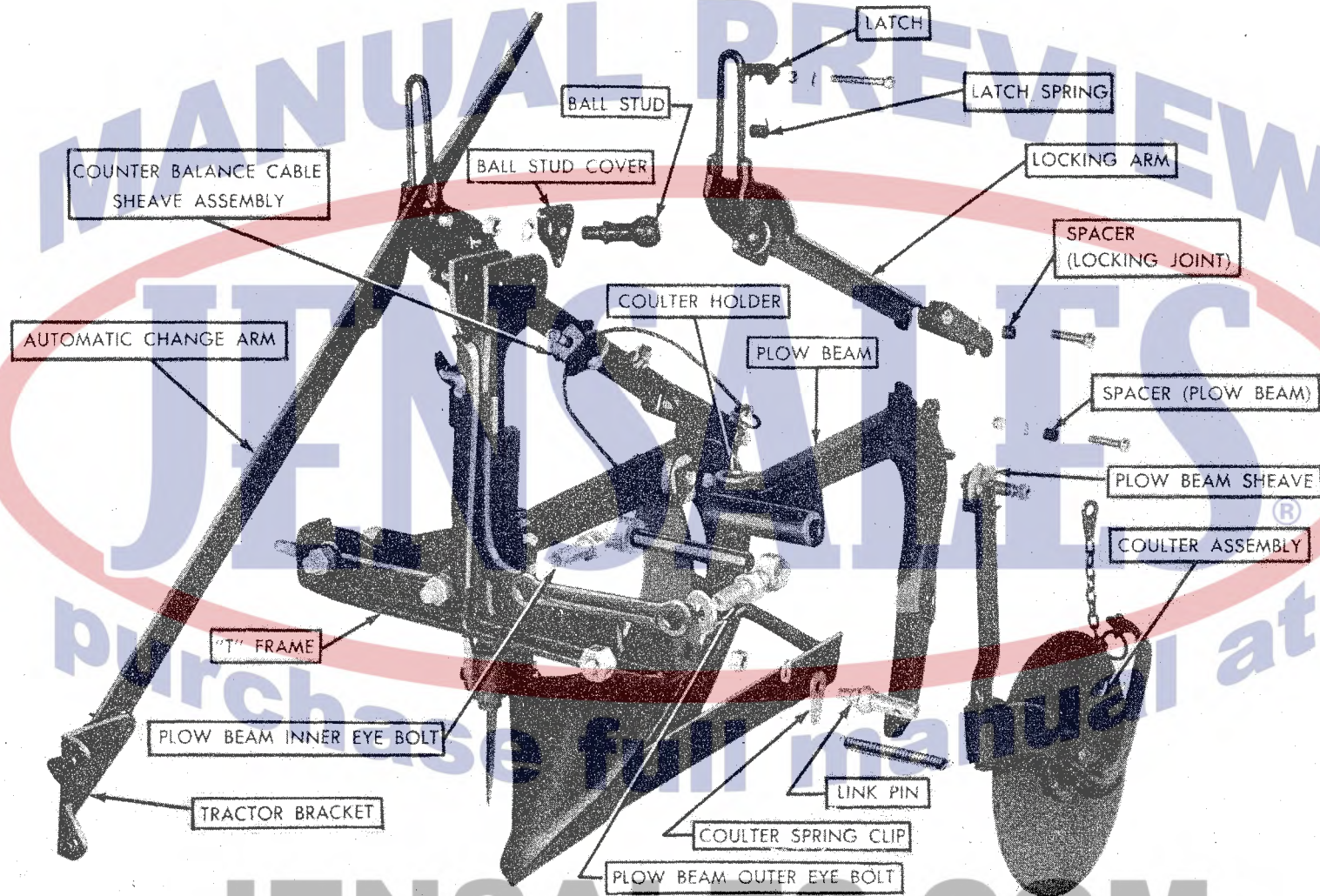
from the tractor seat. When plowing, the change from one bottom to another is accomplished with the Ford Hydraulic Touch Control. When the end of the furrow is reached, the operator merely moves the Touch Control to lift the working bottom out of the ground. This action causes the plow bottoms to automatically change their position so that by the time the turn is completed the opposite plow bottom is in position to enter the ground.

Plowing depth is also controlled from the tractor seat by means of the Ford Hydraulic Touch Control lever.

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2



DESCRIPTION

Figure 2

Exploded view of two-way plow

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ATTACHING AND DETACHING

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Figure 9

Plow attached to tractor

ATTACHING PLOW TO TRACTOR

1. Install tractor brackets if they have been removed from tractor. See steps 1 through 4 in Assembly Procedure.
2. Place the Dearborn Two-Way Plow on level ground.
3. Back tractor into position and attach the

left and right lower tractor links. See Figure 9. Secure with linch pins.

4. Attach tractor upper link to plow and then to tractor control spring yoke. Secure with linch pins.
5. Attach counterbalance cable and automatic changing arms as explained in Steps 18 through 21 in the Assembly Procedure.

OPERATION

DETACHING PLOW FROM TRACTOR

1. Lower plow to ground.
2. Remove automatic changing arms from tractor brackets and plow.
3. Remove tension from counterbalance cable by lifting the raised plow bottom and at the same time open the locked joint of the locking arm on the other bottom, by lifting upward on the arm.
4. Drive tractor slowly forward until share points dig securely in the ground. Continue forward travel until plow counter-

balance cable has enough slack to permit removal from sheave. See Figure 8.

5. Remove counterbalance cable from sheave shell by removing spring lock pin, sheave pin, and sheave from sheave shell.
6. Back tractor up until both plow bottoms rest firmly on the ground.
7. Disconnect tractor upper link and both tractor right and left links from the plow.

CAUTION: Be sure that the Dearborn Two-Way Plow is completely disconnected from the tractor before attempting to move the tractor.



Figure 10
Plowing with the two-way plow