Integral Carrier MC-1000 Series (Serial No. 001 and Up) for Model MC Tractor

JOHN DEERE

OPERATORS MANUAL

Integral Carrier MC-1000 Series (Serial No. 001 and Up) for Model MC Tractor

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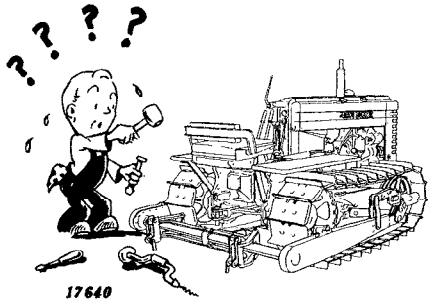

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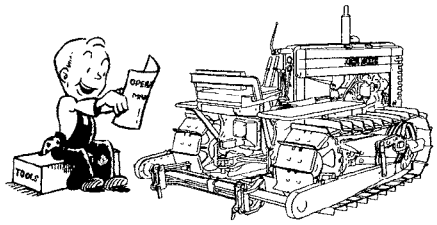

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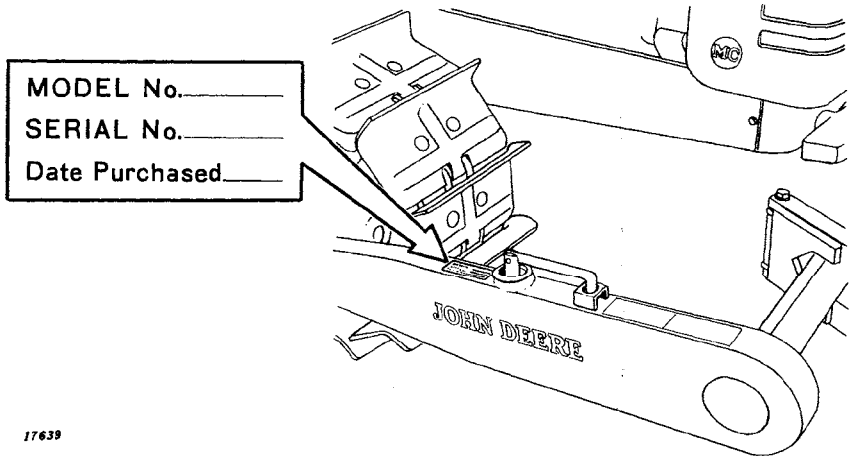
THERE'S A WRONG WAY . . . AND A RIGHT WAY TO DO EVERYTHING!

That's why we ask you to study, carefully, the information contained in this manual. Keep it in a handy place, so that it can be used as a guide whenever questions arise about the RIGHT WAY to operate and service your new John Deere MC-1000 Integral Carrier. You have purchased a dependable machine, but only by proper care and operation can you expect to receive the service and long life for which it was designed.

If you need additional information, or if your machine requires special servicing, see your John Deere dealer. He has all the facilities required to keep your machine in A-1 condition, and he will be glad to serve you.

The model and serial numbers of your carrier are located on the top left side of the carrier frame. Record these numbers NOW in the space provided below. To be assured of prompt and efficient service, when ordering parts, give your John Deere dealer this information as well as part number and description.



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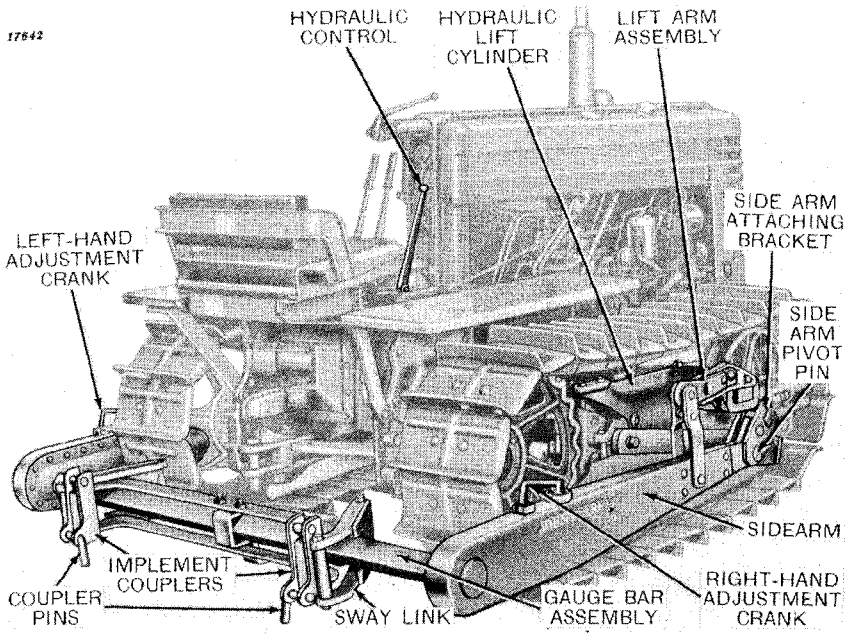

Figure 1—MC-1000 Integral Carrier

GENERAL INFORMATION.

The carrier is raised and lowered hydraulically. It is controlled by the lever at right of steering levers (see Figure 1). Down pressure may be applied to carrier in either front or rear position. Before operating the new carrier, *be sure tractor has front bumper installed, power shaft hood removed, and drawbar pinned to one side.*

The terms "right-hand" and "left-hand," used to describe location throughout this manual, refer to left and right as tractor is viewed from the rear.

COUPLING THE IMPLEMENT.

Level carrier with either right-hand or left-hand adjustment crank (see Figure 4); adjust both cranks until couplers are tilted slightly downward; then back tractor and carrier into position with implement so that couplers will engage when carrier is raised (see Figure 2). Raise carrier until implement is clear of ground, and insert coupler pins (see Figure 3).

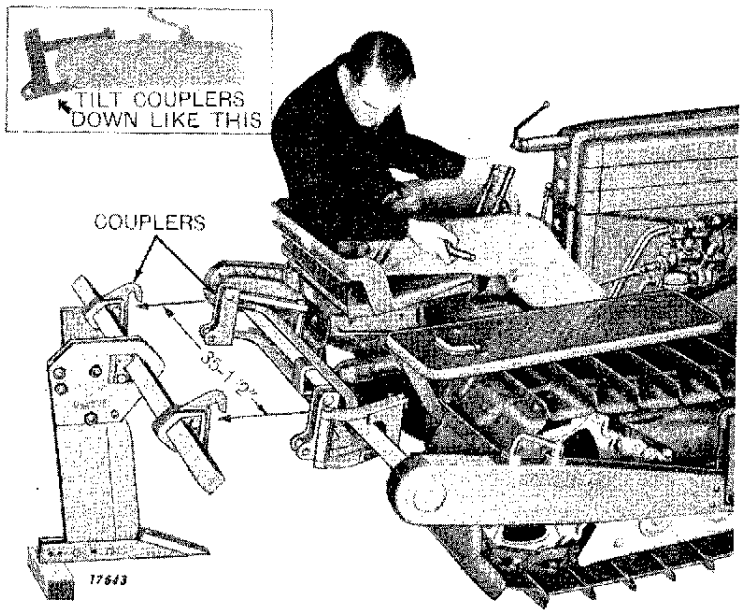

Figure 2—Engaging Couplers

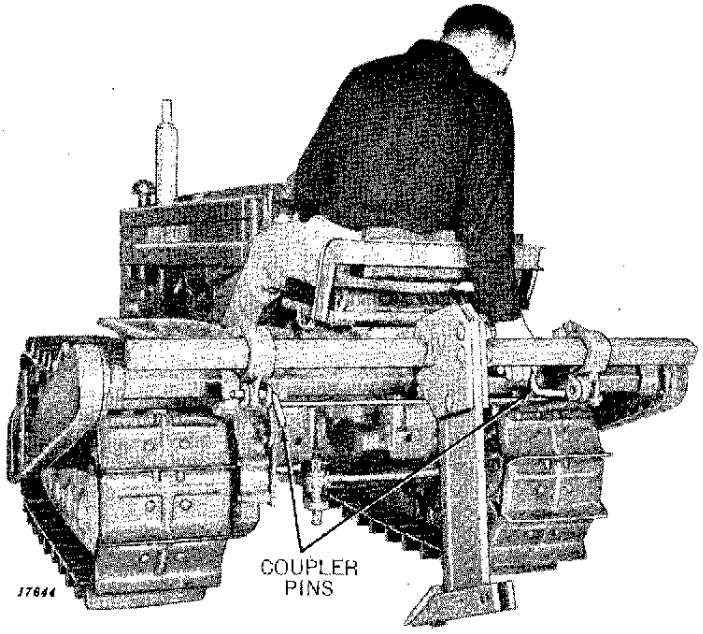

Figure 3—Inserting Coupler Pins

UNCOUPLING THE IMPLEMENT.

To uncouple the implement, remove the coupler pins while implement is raised clear of ground, and lower carrier to disengage couplers.

Uncoupled implements which do not stand upright by themselves should be properly supported. Uncoupled implements will be easier to couple if they lean slightly forward.

ADJUSTMENTS

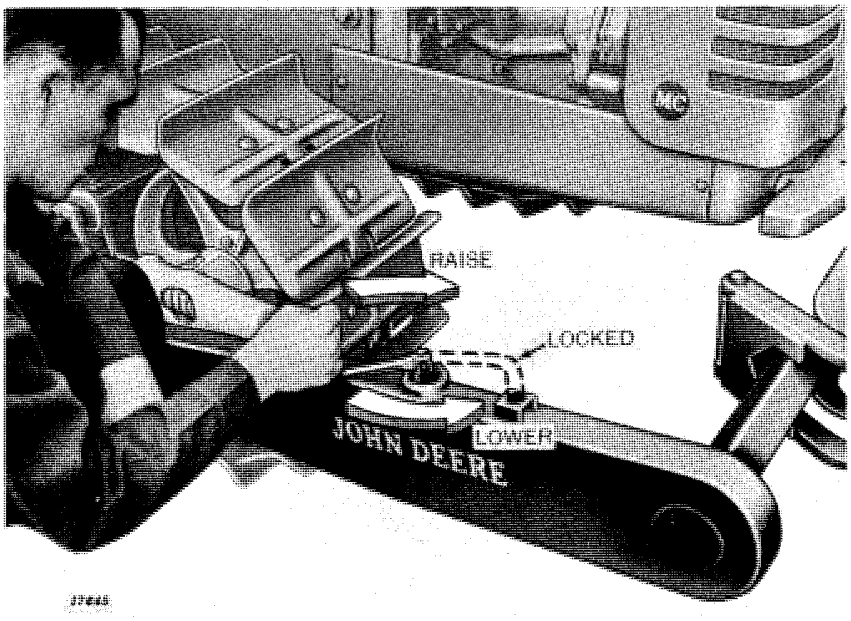

Figure 4—Leveling Adjustment

LEVELING.

Implement level is controlled by either of the two adjustment cranks used individually. For example, to raise right side of carrier, turn right-hand adjustment crank to right (clockwise) (see Figure 4).

Adjustment cranks should always be locked in position (see Figure 4) when adjustment is complete.

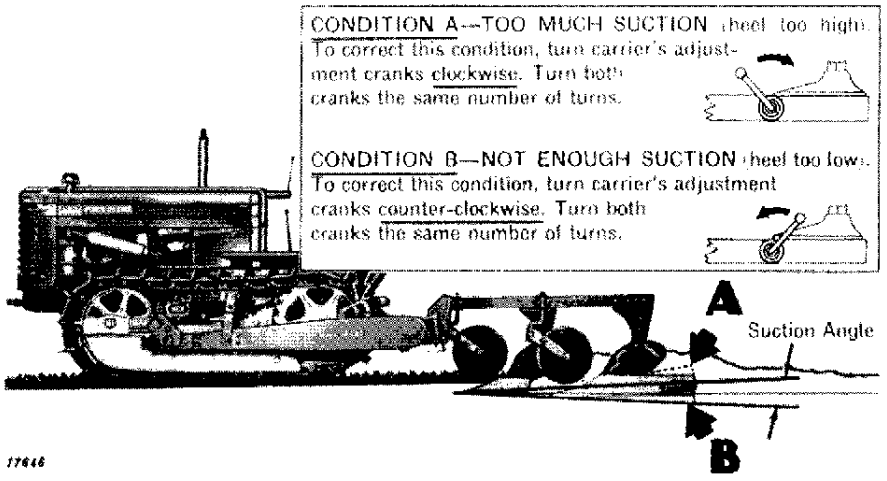

Figure 5—Suction Angle Adjustment

IMPLEMENT SUCTION ANGLE.

Implement suction angle is controlled by operating both adjustment cranks in same direction (see Figure 5). When changing suction angle, make the same number of turns with each adjustment crank so that horizontal level adjustment will not be disturbed.

IMPLEMENT WORKING DEPTH.

Working depth of most implements is controlled by using the gauge wheel attachment (see Figure 6). Some implements, particularly plows, can be controlled for working depth by proper implement suction angle alone; however, it may be found advantageous to use a gauge wheel with these implements also. A few implements —for instance, the bulldozer—have a depth control mechanism as part of the implement, so that the gauge wheel need not be used.

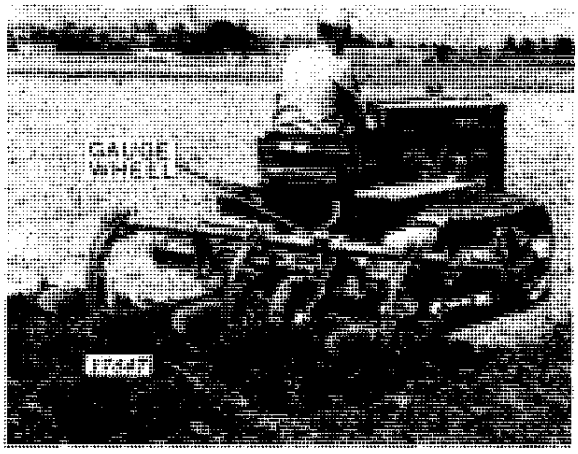

Figure 6—Gauge Wheel Attachment in Use

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MECHANICAL FLOAT.

For mechanical float, move pin from hole "A" to hole "B" in both lift arms while carrier is raised clear of ground (see Figure 7). Down pressure cannot now be applied to implement. *Mechanical float should always be used except when down pressure is necessary for operation of implement.*

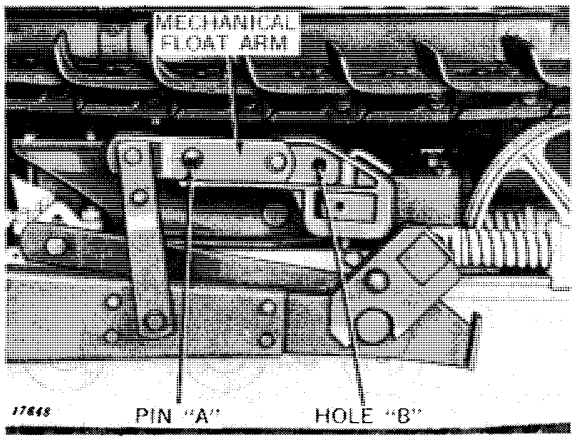
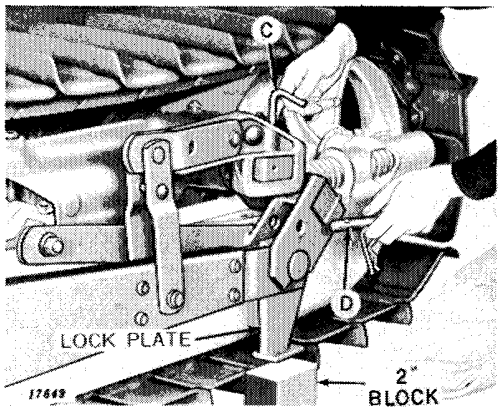


Figure 7—Mechanical Float Adjustment

REVERSING THE CARRIER.

The carrier. may be reversed with or without an implement attached. Locate tractor on level ground with carrier raised and in mechanical float (see paragraph above). Remove pins "C" and "D" (Figure 8), and place 2-inch block under each lock plate if implement is not attached. Lower carrier until lift arms are free on rockshafts; then remove lift arms from rockshafts and fold back out of way (see lower view, Figure 8). Turn tractor around and relocate, with slots in side arm brackets directly over side arm pivot pins. Operate hydraulic lever until lift arms can be replaced on rockshaft; raise carrier and replace pins "C" and "D."



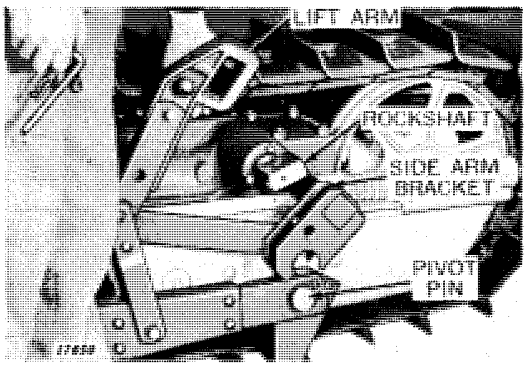


Figure 8—Detaching Lift Arms