

20 W 50 oil for Hydraulic SYSTEM



Sleeve Hitches

H22 and H24

Operator's Manual 9-99722

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JI Case
A Tenneco Company





FIGURE 1

Model 224 shown with H-22 sleeve hitch, D-8 wheel weights, H-13 weight box, and lug type tires. (J-17 Hydraulic PTO also shown)

INTRODUCTION

The Model H22 Sleeve Hitch is designed for use on Case Model 220, 222 and 224 Compact Tractors. The Model H24 Sleeve Hitch is designed to operate on Case Model 444 and 446 Compact Tractors. These hitches are furnished as a complete package with all necessary attaching components. There is no requirement for additional mounting kits.

This manual covers recommended operating procedures, safety suggestions, adjustments, maintenance information, and installing instructions. Read this manual carefully before operating your hitch. Your J I Case Compact Tractor Dealer is well qualified to answer any further questions you might have concerning your hitch. Also, if the need should arise, his Service Department with factory trained technicians, genuine Case replacement parts and

the necessary facilities is in a position to provide proper repairs in the shortest time possible.

The definitions "Right, Left, Front and Rear" as used throughout this manual relate to the tractor and hitch as the operator is seated facing forward in the normal operating position on the tractor.

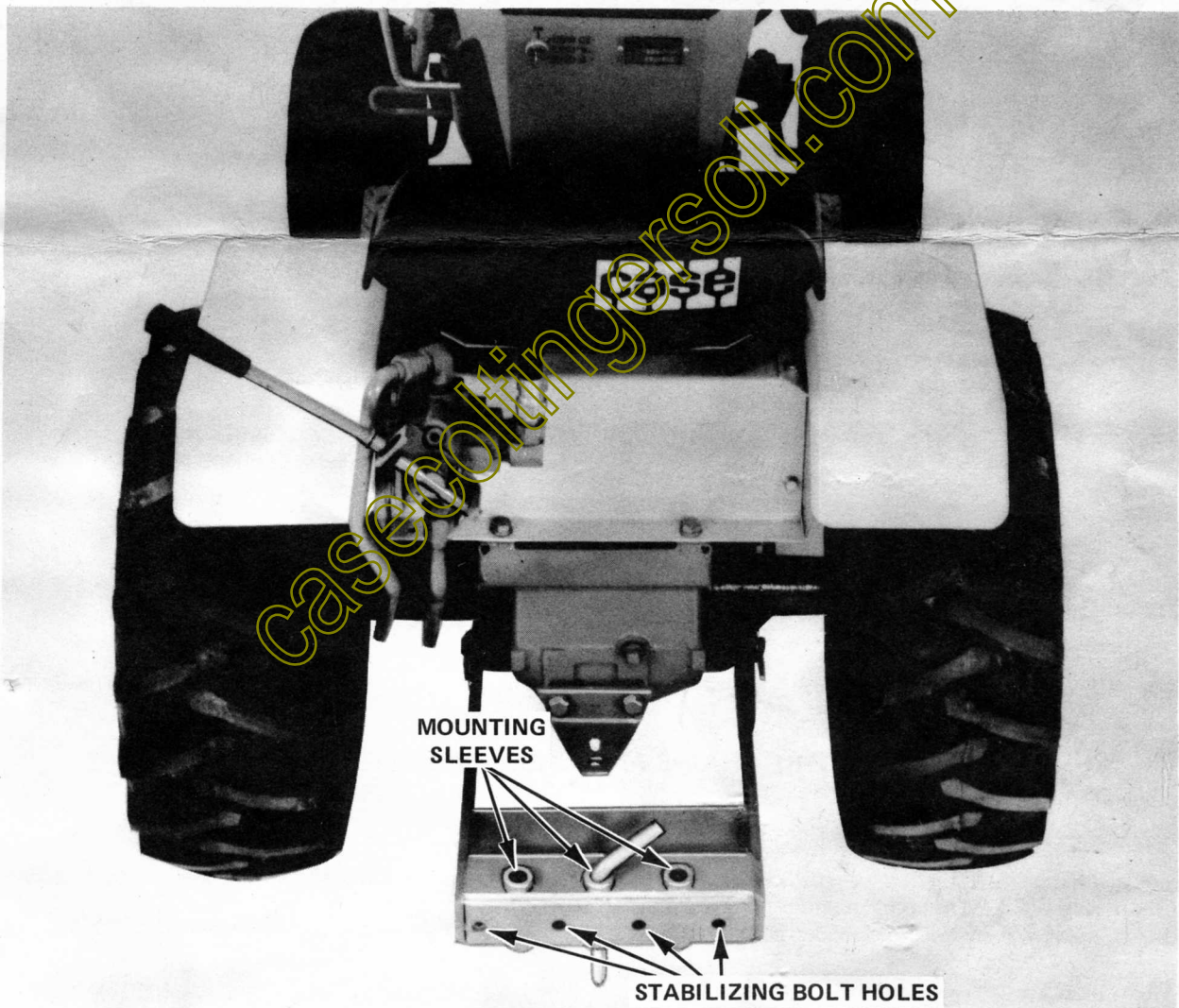
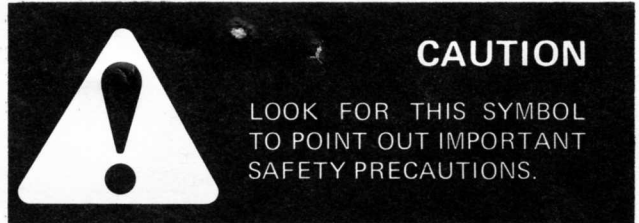


FIGURE 2

Model 224 with H-22 Sleeve Hitch and J-17 PTO valve

OPERATING CONTROLS

1. HYDRAULIC LIFT CONTROL LEVER - See Figure 3.

The sleeve hitch is raised and lowered with the hydraulic lift control lever. Since most rear mounted implements are heavy, the sleeve hitch should only be used on tractors equipped with hydraulic lift.

Pull back on the lift control lever, Figure 3, to raise the hitch. To lower the hitch and apply "down pressure," push the lever ahead to the first stop position. The control lever has a centering spring which returns the lever to neutral from either the "raise" or the "lower" and "down pressure" positions.

Push the lever further ahead to the second stop position to provide "floating" action for the implement. The control lever will remain in the "float" position until it is manually returned to neutral. The "float" position is recommended for tilling and plowing operations.

2. MOUNTING SLEEVES - See Figure 3.

There are three mounting sleeves on the hitch to permit centering or offsetting implements. When mounting a plow be careful to select a sleeve which will permit the share to cut cleanly to the edge of the furrow or to the inside of the right rear wheel.

3. IMPLEMENT STABILIZING BOLTS - See Figure 3.

Four implement stabilizing bolts are furnished with the hitch to eliminate the lateral swing of mounted attachments if desired. A plow should not be stabilized.

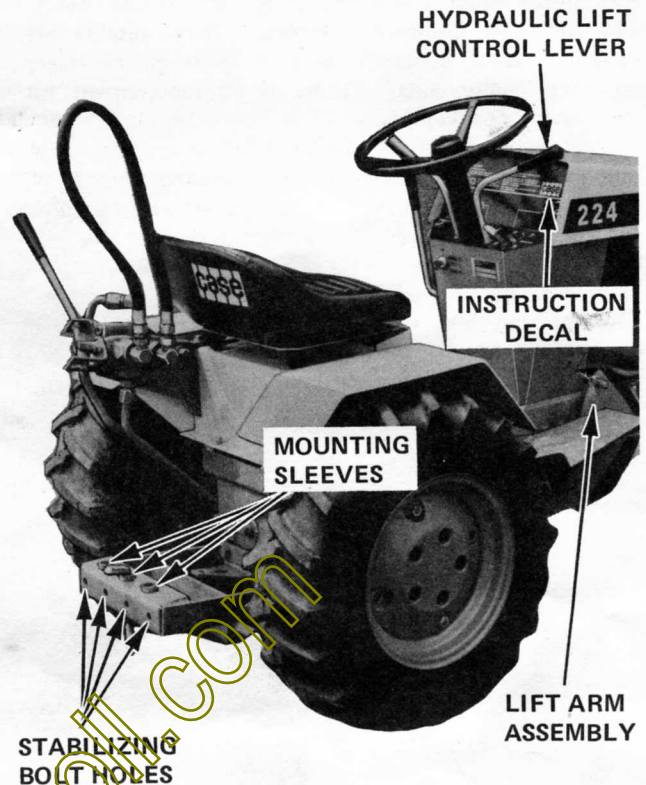
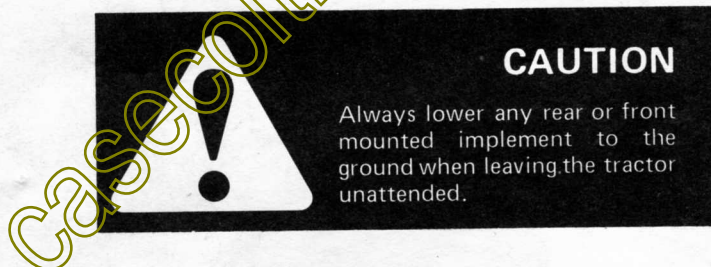


FIGURE 3
Operating Controls



TIRE CHAINS AND WHEEL WEIGHTS

The use of tire chains and wheel weights is recommended with the sleeve hitch. The extra traction resulting gives the tractor operator increased maneuverability. Front

end weights or front weight box is also recommended for increased stability.

ADJUSTMENT

1. LIFT LEVER EXTENSION

Five Lift Arm Mounting holes are provided in the lift lever extension plate, Figure 4. The lowest hole is used with mounted implements on the Model 442, 444 and 446 Tractors, serial number 9646800 and above. Model 220, 222 and 224 Tractors serial number 9646800 and above use the second from bottom hole in the lift lever extension. Model 442 and 444 tractors prior to serial

number 9646800 use the center mounting hole. The top hole is used for Model 220 and 222 tractors prior to serial number 9646800. The second from top hole is optional on tractors prior to serial number 9646800 - it provides added up and down hitch travel on Model 220 and 222 tractors and reduced travel on Model 442 and 444.

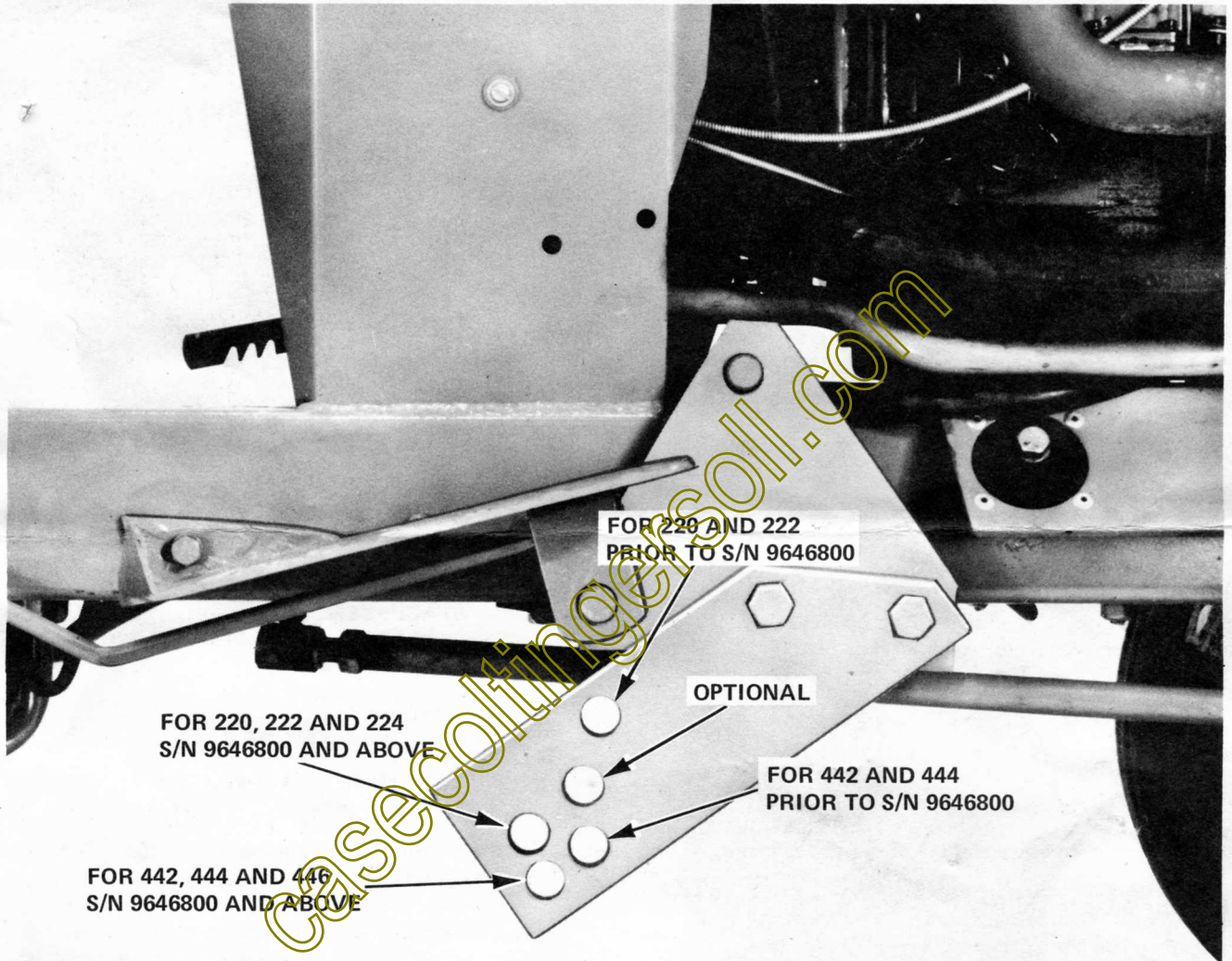


FIGURE 4
Lift lever extension plate

MAINTENANCE

1. Check the six mounting bolts for tightness after the first few hours operation.
2. Oil the four pivot points and sleeve pin(s) daily when the hitch is in use.

INSTALLATION

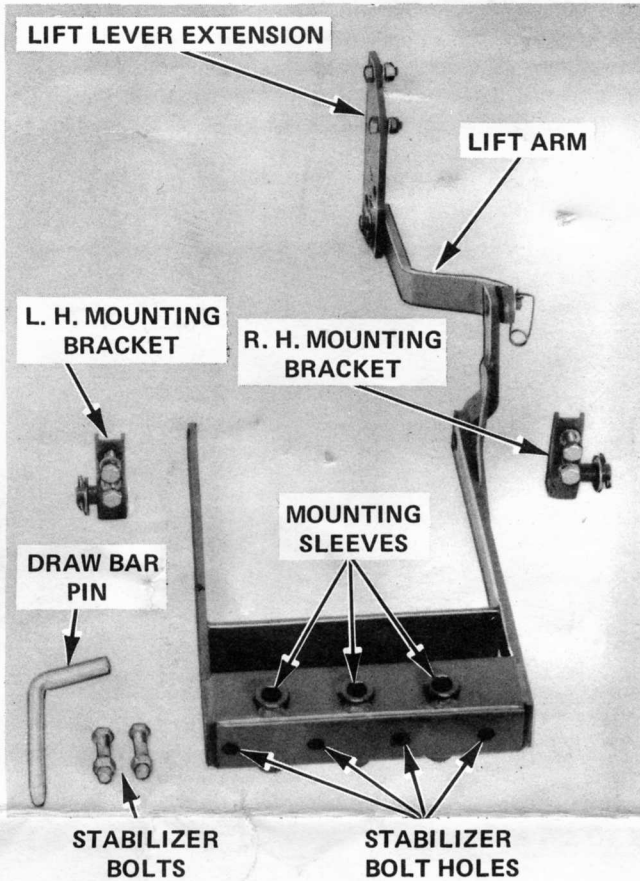


FIGURE 5
Model H-22 Sleeve Hitch

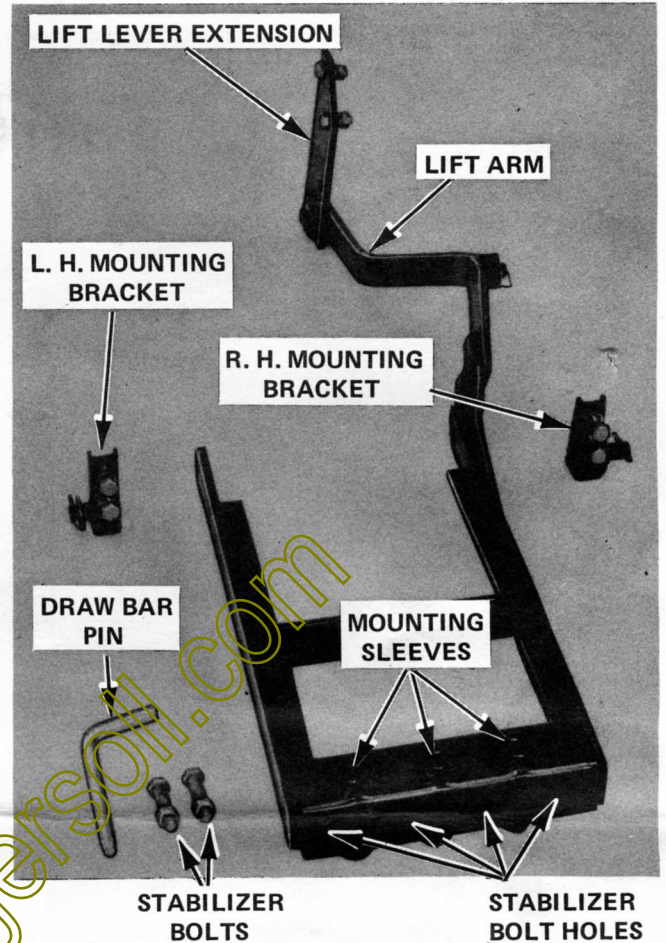


FIGURE 6
Model H-24 Sleeve Hitch

A. Check tires for equal and recommended pressure.

B. Perform the following:

1. Attach the left hanger bracket loosely to the front of the left transaxle mounting boss at the upper hole only using one 1/2" bolt and lockwasher. See Figure 7.
2. Insert the right hanger bracket pin through the right mounting arm of the hitch and secure with plain washer and safety pin to the outside.
3. Place the hitch onto the left hanger bracket pin and raise or block the right side into alignment in front

of the transmission mounting boss. Secure with the four 1/2" bolt and lockwashers. See Figure 7.

4. Secure the Lift Lever Extension to the tractor lift lever with the two 1/2" bolts, nuts and lockwashers provided. See Figure 7.
5. Connect the slotted end of the lift arm to the hitch and secure with the plain washer and safety pin.
6. Raise and block the hitch at a height sufficient to connect the pin to the proper mounting hole on the extension plate. See Paragraph 1 in the Adjustments Section. Secure with plain washer and safety pin.

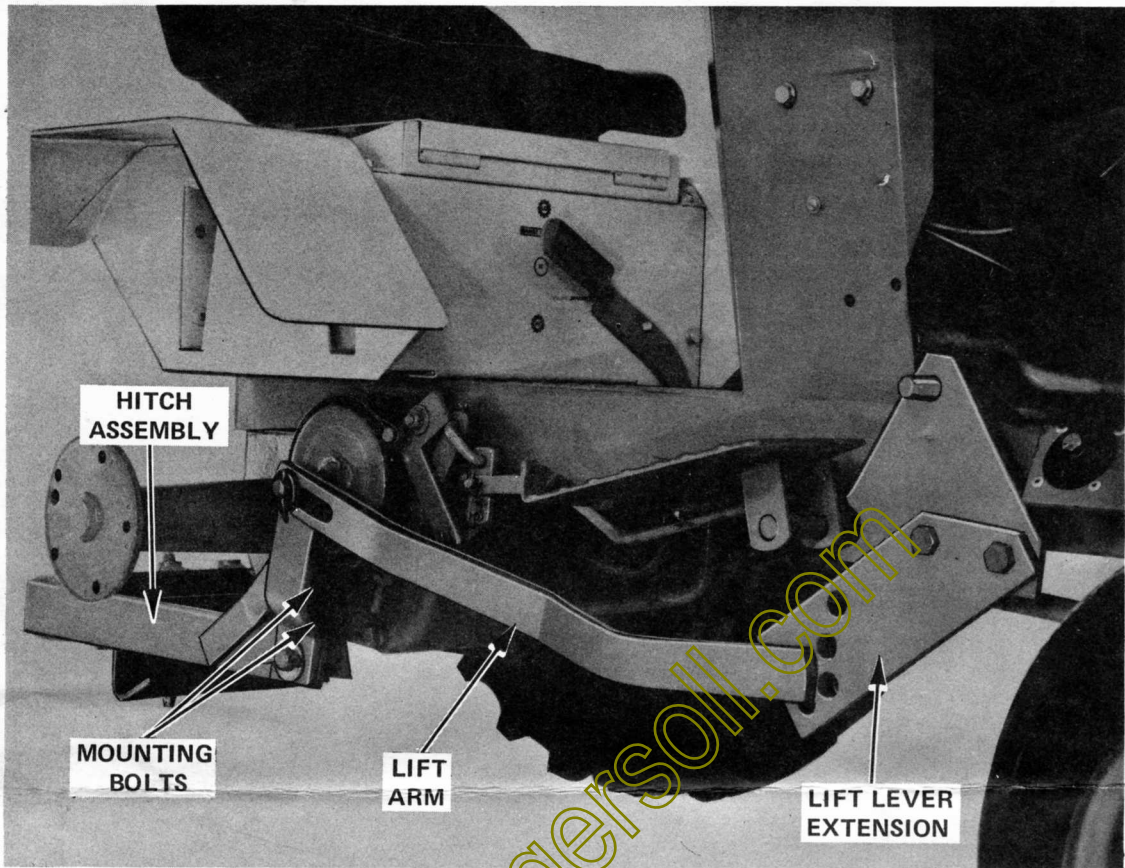


FIGURE 7

Hitch Installation (wheel removed for illustration purposes only)

NOTE: The J I Case Company reserves the right to make improvements in design or changes in specifications at any time without incurring any obligation to install them on units previously sold.

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