



**Operators Manual**

**Model H22 and H24**

**Sleeve Hitches**

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## INTRODUCTION

The Model H22 Sleeve Hitch is designed for use on Case Model 220 and 222 Compact Tractors. The Model H24 Sleeve Hitch is designed to operate on Case Model 442 and 444 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 installation 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.

## OPERATION - ADJUSTMENT - MAINTENANCE



LOOK FOR THIS SYMBOL  
TO POINT OUT IMPORTANT  
SAFETY PRECAUTIONS..

1. LIFT LEVER EXTENSION - See Figure 1  
Five Lift Arm Mounting holes are provided in the lift lever extension plate, Figure 1. The lowest hole is used with

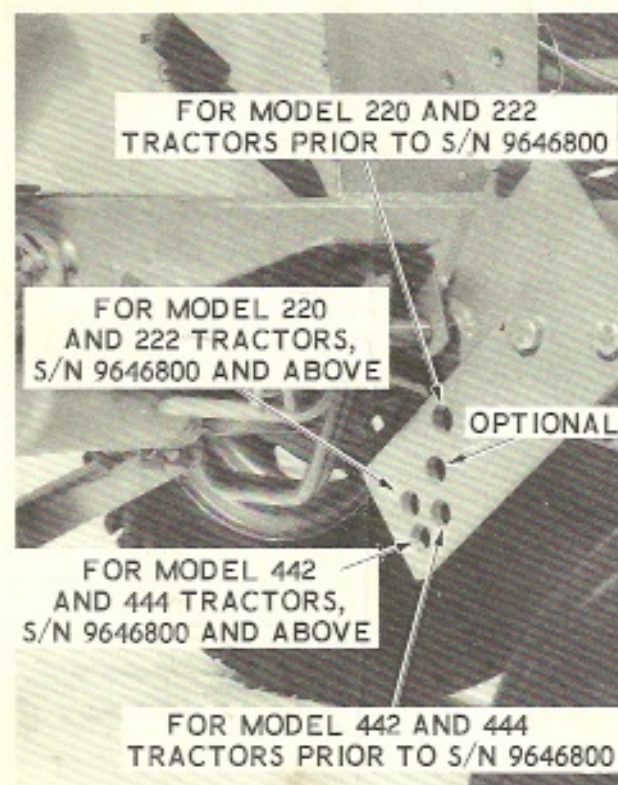


Figure 1. Lift Lever Extension Plate. .

mounted implements on the Model 442 and 444 Tractors, serial number 9646800 and above. Model 220 and 222 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.

2. LIFT LEVER - See Figure 2.  
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 2, 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



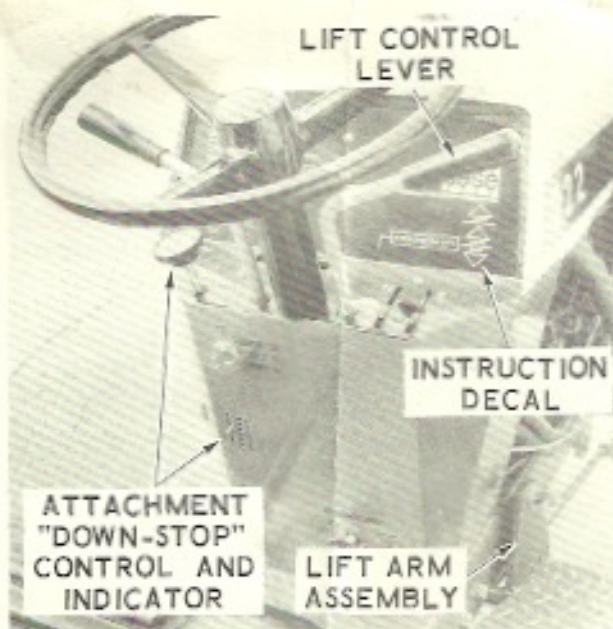


Figure 2. Operating Controls.

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. "Down-pressure" can be used to advantage when tilling or plowing to reach desired depth and then place the control lever in "float."

3. **DEPTH ADJUSTMENT** - See Figure 2. Maximum operating depth can be adjusted with the "Down-Stop" control on the tractor. Turning the control downward will decrease the maximum operating depth. The position of the "Depth Indicator" on the lower dash panel provides a visual reference to the "Down-Stop" control setting.

4. **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.

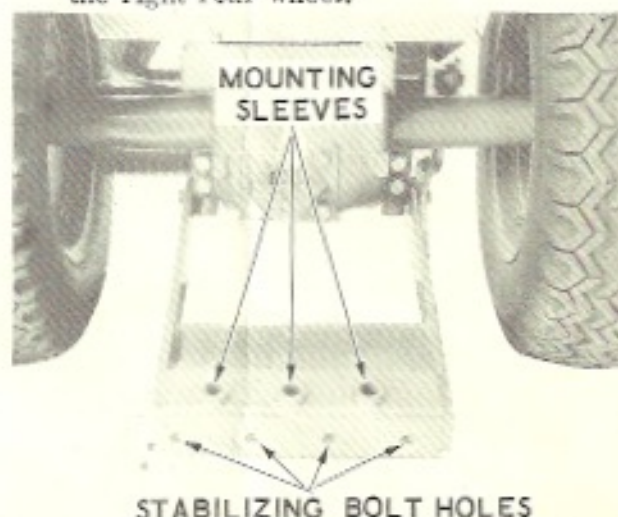


Figure 3. Implement Mounting and Stabilizing Points.

5. **IMPLEMENT STABILIZING BOLTS**

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.

- 6.



Avoid any possibility of a painful accident. Always lower any rear or front mounted implement to the ground when leaving the tractor unattended.

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



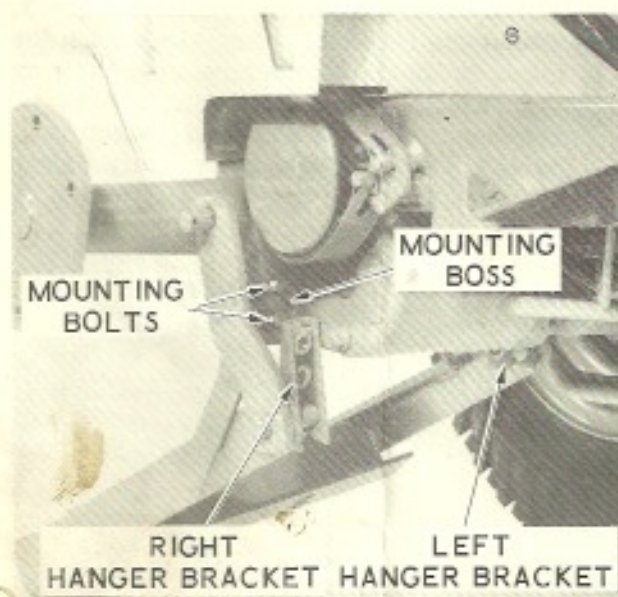


Figure 4. Attaching The Hitch To Transaxle  
(Wheel Removed For Illustration  
Purpose Only)

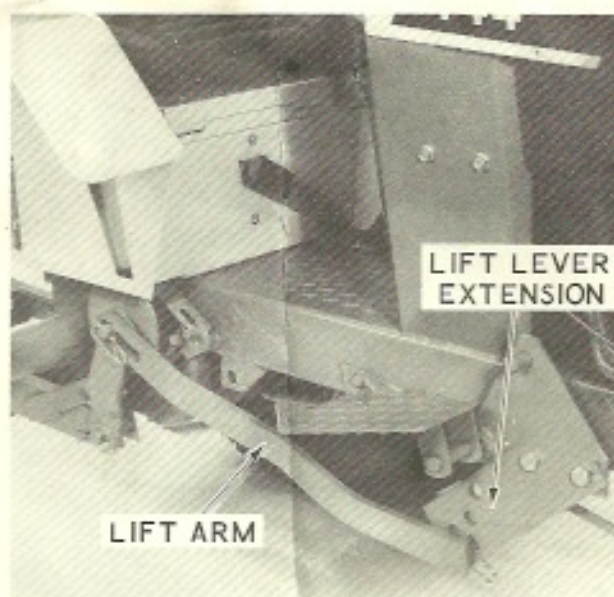


Figure 5. Installing The Lift Lever Extension  
and Lift Arm. (Wheel Removed  
For Illustration Purpose Only)

### INSTALLATION

A. Check tires for equal and recommended pressure.

B. The following installation sequence is the same whether the tractor is equipped with hydraulic or mechanical lift.

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 4.
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" bolts and lockwashers. See Figure 4.

4. Secure the Lift Lever Extension to the tractor lift lever with the two 1/2" bolts, nuts and lockwashers provided. See Figure 5.

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 "Operation - Adjustments - Maintenance" Section. Secure with plain washer and safety pin.

**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.