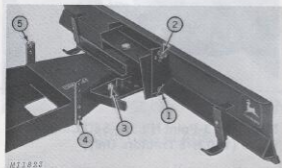


54C CENTER BLADE

ASSEMBLING BLADE



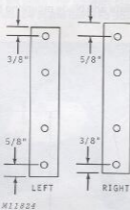
1. Position blade on pivot bracket. Install 3/4-inch rod through bottom holes. Secure with a cotter pin on each end of rod.

2. Install 5/16-inch rod through center hole (vertical position) of blade bracket and pivot bracket. Secure rod with a cotter pin on left-hand end and a spring locking pin on right-hand end.

3. Install blade angling lever with spacer and 3/8 x 1-1/4-inch bolt. Use a flat washer under head of bolt.

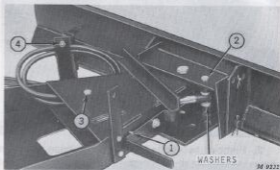
4. Using 3/8 x 1-1/4-inch bolts, install right-hand stop strap so that 5/8-inch end hole dimension is in the upward position.

5. Using 3/8 x 1-1/4-inch bolts, install left-hand stop strap in the following manner. On 140 Tractors below Serial No. 30,001, install left-hand stop strap with 3/8-inch end hole dimension at top. On all other tractors, install strap with 5/8-inch end hole dimension at the top.



ASSEMBLING HYDRAULIC ANGLING KIT (Extra Equipment)

Loosen hose connections on cylinder to allow air to bleed out of hoses. Connect hoses to left-hand couplers at front of tractor. Move outer hydraulic control lever back and forth until fluid seeps out of loosened connections. Tighten connections. Extend hydraulic cylinder ram with control lever. Disconnect hoses



from couplers at front of tractor. Check transmission oil level. See "IMPORTANT" on page 10.

1. Install spring pin to lock out the blade angling lever and lock pin.

2. Attach ram end of cylinder to blade pivot bracket with 1/2 x 5-inch bolt. Use four flat washers on top side of ram and six flat washers on bottom side of ram to center ram in slot of frame. Use two nuts on bolt.

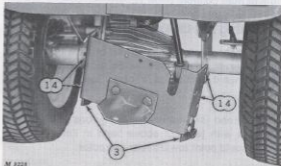
3. Install 1/2 x 4-1/2-inch bolt through cylinder pivot. Use two nuts on bolt.

4. Install hose clamp on hoses and bolt clamp to left-hand stop strap with 3/8 x 1-inch bolt. Install hose from front of cylinder to top of clamp.

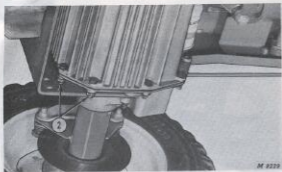
ATTACHING MOUNTING PARTS TO TRACTOR

Installing Mounting Brackets

(140 Tractors, Serial No. -30,000)



1. Remove the hitch plate as follows: Remove nut from back top stud bolt on left-hand side of hitch plate. Loosen nut on lower front stud bolt on left-hand side of hitch plate. Then, remove bolts holding hitch plate to right-hand axle plate.



2. Remove two bolts in differential case one at a time, and reinstall with bolt head toward outside of tractor. Tighten nuts to 20 ft-lbs torque.

3. Install mounting brackets on inside of hitch plate with 1/2 x 1-1/2-inch bolts in middle and top hole of bracket. The welded ferrule on bracket must face outside of tractor. This procedure allows easier access with wrenches.

4. Reinstall hitch plate. Bolt right-hand side of hitch plate to axle plate before tightening nuts on stud bolts on left-hand side. Be sure to install shim plates between hitch plate and axle plate on right-hand side. Tighten nuts to 55 ft-lbs torque.

Installing Mounting Brackets (120 Tractors and 140 Tractors, Serial No. 30,001-)

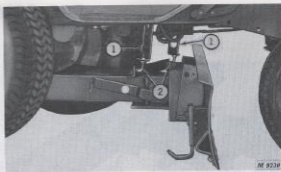
Install mounting brackets on inside of hitch plate with 1/2 x 1-1/2-inch bolts in middle and top holes of bracket. The welded ferrule on bracket must face outside of tractor. Refer to Step 3 in illustration at bottom of right column, page 7.

Installing Lift Links

1. Lower tractor rockshaft lift arms with hydraulic control lever. Install lift links on rockshaft arms with bend toward outside of tractor. See photo at right, above.

2. Thread jam nut on adjusting rods and install in lift links with jam nut above bend in link. Adjusting rods should point toward rear of tractor.

Mount blade on tractor as instructed on page 10.



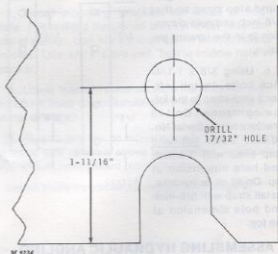
Modifying 3-Point Hitch—54C Center Blade (140 H-3 Tractors Only)

If a 3-point hitch is to be mounted on the tractor with the 54C Center Blade, modify the 3-point hitch as follows:

Install 3-point hitch mounting ferrules with 1/2 x 1-1/2-inch bolts in bottom hole of tractor hitch plate and through blade mounting bracket.

Drill a 17/32-inch hole 1-11/16 inches from bottom on each side of 3-point hitch mounting plate.

Remove 1-1/4-inch bolt in top hole of tractor hitch plate and blade mounting bracket.



Install 3-point hitch on tractor. Use 1/2 x 1-1/2-inch bolt furnished with hitch to bolt hitch to tractor hitch plate and blade mounting bracket.