

PARTS LISTS AND INSTRUCTIONS

42" ROTARY MOWER

FACTORY ORDER NUMBER 5-1700

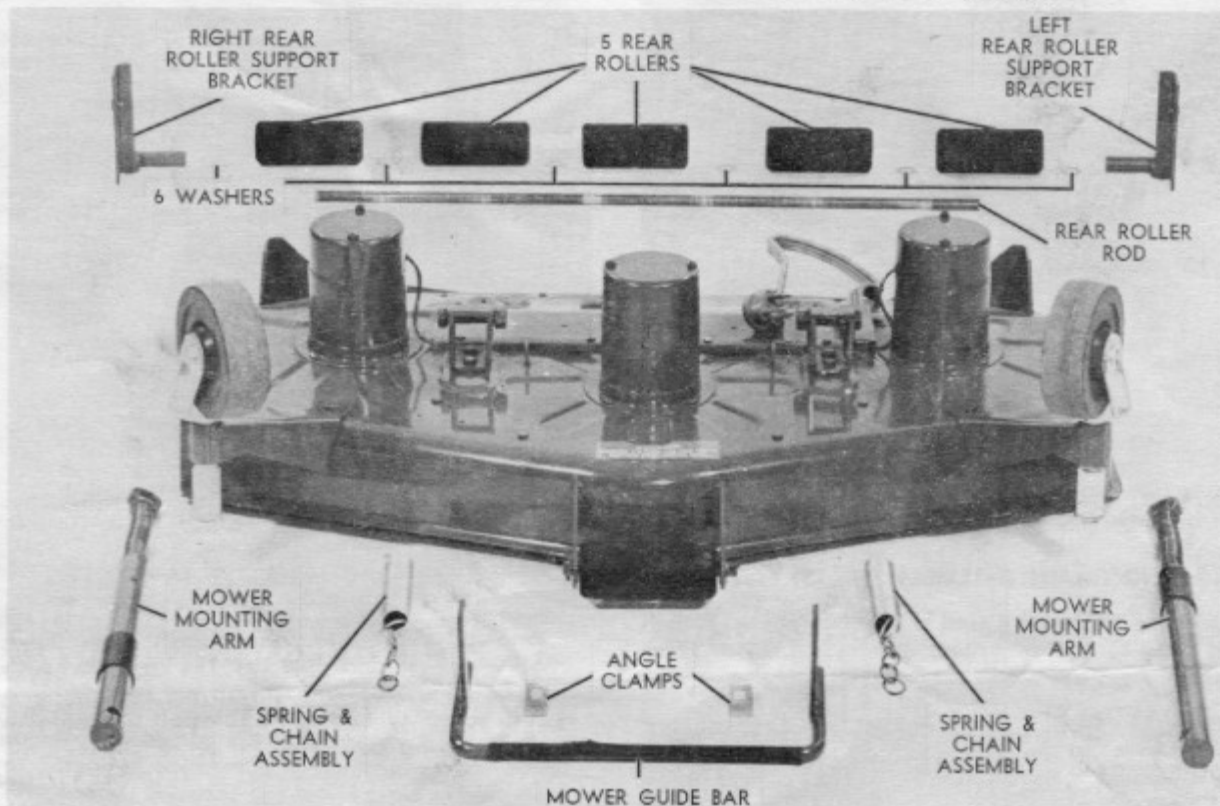


FIG. 1. 42" Mower Package (5-1700)

ASSEMBLY

REAR ROLLER ASSEMBLY (Fig. 2)

Remove mower and parts from the carton and identify parts as shown in Fig. 1. Invert the mower deck. The mower is designed with an adjustable cutting height that can be set at $1\frac{1}{2}$, 2, $2\frac{1}{2}$, 3, $3\frac{1}{2}$ and 4 inches. Select the cutting height best suited to your needs (2 to 3 inches is most often recommended).

Locate the two rear roller support brackets. Using the thumb screw, lockwasher and washer (that are preinstalled in the mower deck) install the left rear roller support bracket to the mower deck. **DO NOT TIGHTEN.**

The mower deck offers 5 height adjustment holes in which the guide pin of the rear roller support bracket can be installed. (See Fig. 2). The top hole sets the mowing height at $1\frac{1}{2}$ ". The bottom hole sets the mowing height at 4". Select the desired cutting height and tighten the thumb screw.

Locate the Rear Roller Rod, 6 washers and 5 rollers. Insert the Rear Roller Rod into the Left Rear Roller Support Bracket that is now attached to the mower deck. Install the 5 rollers onto the rod so that there is one washer on each side of outside rollers, and one washer between each roller.

Slip the right rear roller support bracket over the rear roller rod. Attach this support bracket to the mower deck using the preinstalled thumb screw, lockwasher, and washer. Before tightening the thumb screw, be sure the cutting height adjustment is the same as the left bracket.

Return the mower deck to its normal upright position.

MOWER MOUNTING ARMS

Locate the two mower mounting arms. Using the $\frac{5}{8}$ " bolts and nuts, (preinstalled in the mower deck) mount these arms to the brackets provided for them on the mower deck.



WHEEL HORSE

lawn & garden tractors

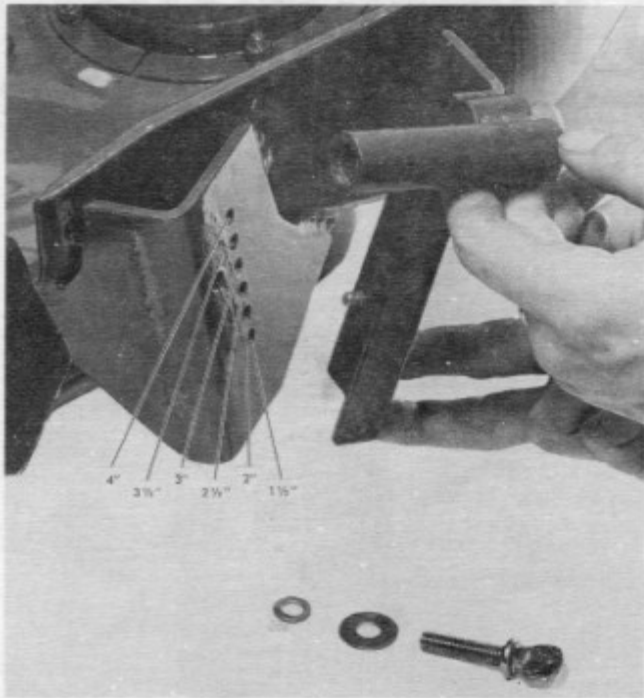


FIG. 2. Rear Roller Adjustment

SPRING AND CHAIN ASSEMBLY (Fig. 3)

Locate the two spring and chain assemblies. Attach the springs to the mounting brackets provided for them on the mower deck. (See Fig. 3).

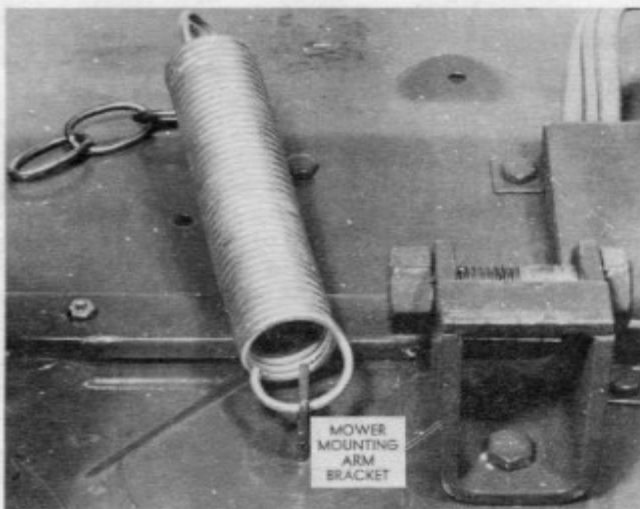


FIG. 3. Spring and Chain Mounting

FRONT CASTER WHEELS (Fig. 4 & 5)

Remove the spring pin from the front left caster wheel shaft. (See Fig. 4). Allow the metal washer and the nylon bushings to drop off the shaft.

Remove the caster wheel, being careful not to remove the bottom nylon bushing.

The 5 nylon spacers are used to set the mowing height of the front of the mower. Each spacer represents a $\frac{1}{2}$ inch difference in cutting height. Installing all 5 spacers ABOVE the mower deck bracket sets the mowing height at $1\frac{1}{2}$ inches. Installing all 5 spacers BELOW the mower deck sets the mowing height at 4 inches.

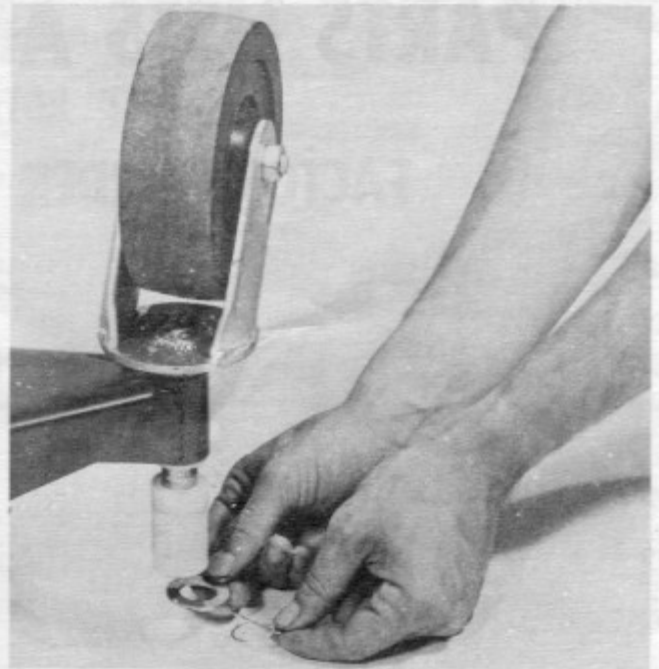


FIG. 4. Caster Wheel Removal

Install the proper amount of spacers to go BELOW the mower deck bracket onto the caster wheel shaft.

Reinstall the caster wheel shaft from the bottom into the mower deck bracket. The caster wheel should now be on the bottom. Install the remaining spacers on the caster wheel shaft. Reinstall the metal washer and the spring pin. (See Fig. 5).

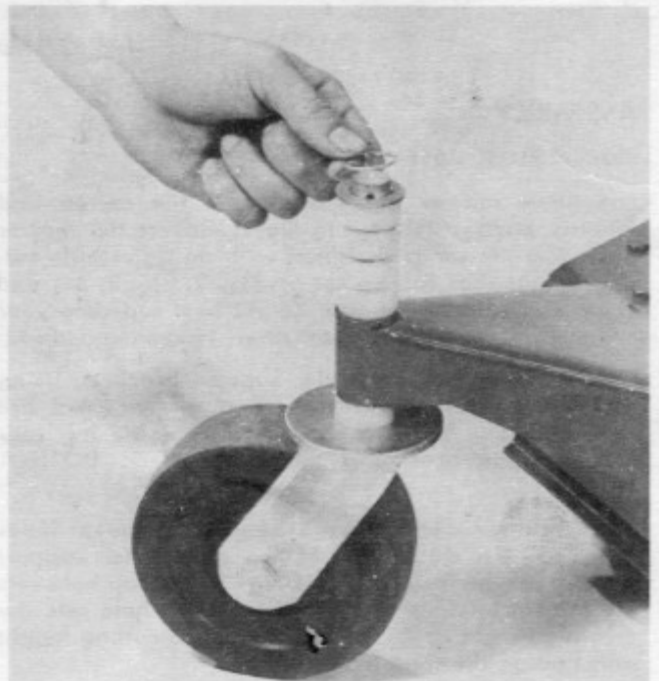


FIG. 5. Caster Wheel Installation

Repeat this procedure for the right caster wheel. Make sure both wheels have the same amount of spacer above and below the mower deck bracket, and the height adjustment is the same for front and rear.

INSTALLATION

MOWER GUIDE (Fig. 6 & 7)

Locate the "U" shaped mower guide and the two angled clamps supplied with it. Hold the mower guide so the two rectangular tabs point toward the rear of the tractor. (See Fig. 6). Insert one of the tabs into the A frame slot approximately $\frac{1}{2}$ inch.

Push the Mower Guide sideways and insert the second tab into its respective frame slot. Push the Mower Guide against the front bumper of the tractor.

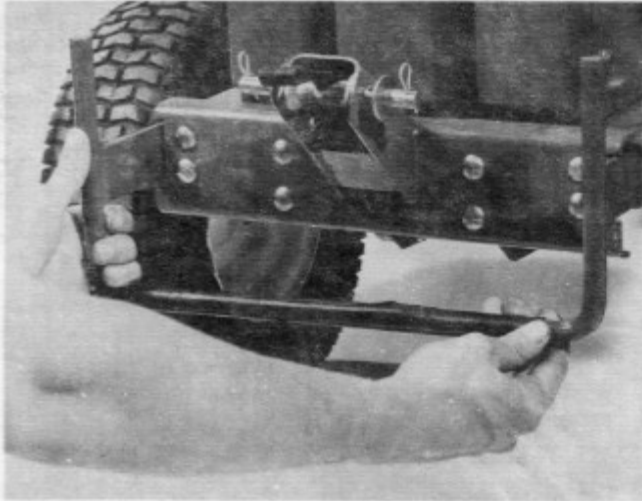


FIG. 6. Front Mower Guide Installation

Remove the upper right carriage bolt from the tractor bumper. Insert the bolt through one of the Angled Clamps. Reinstall the bolt so the angled clamp will hold the mower guide in place. (See Fig. 7).

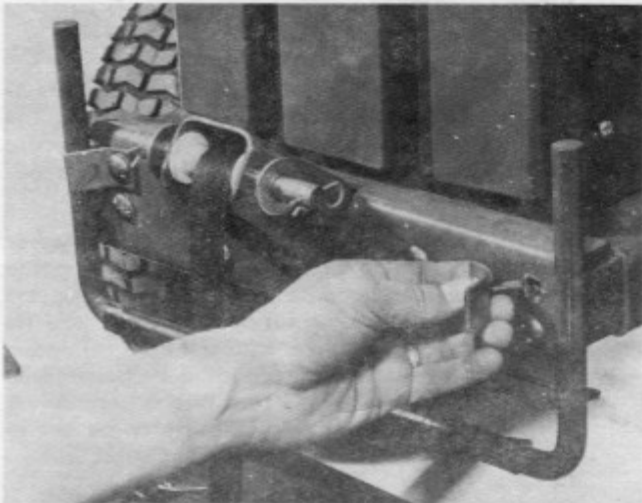


FIG. 7. Mower Guide Clamp Installation

Repeat this procedure for the upper left bumper bolt.

MOWER ARMS (Fig. 8)

Center the mower in front of the tractor with the caster wheels in front and the mower arms toward the rear. Adjust the mower so there is approximately $4\frac{1}{2}$ " between the front tire and the mower deck.

Using the preinstalled clevis and hairpin cotter pins (supplied with the tractor), install the left Mower Arm. (See Fig. 8). Install the right Mower Arm.

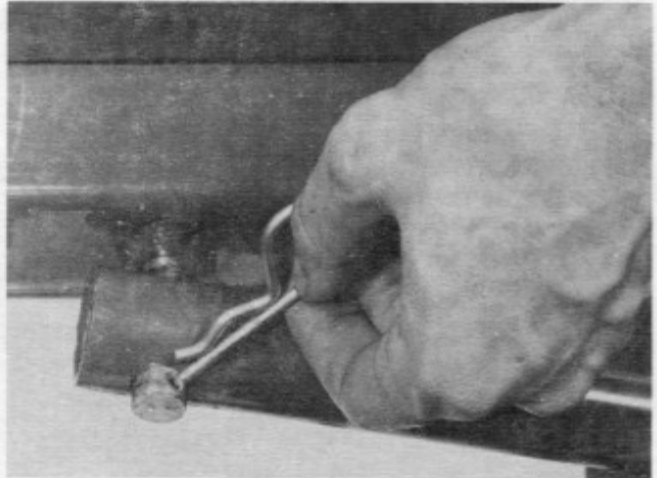


FIG. 8. Attach Mower Arms

LIFT STRAP (Fig. 9 & 10)

Thread the lift strap (Fig. 9) under roller (a) and over roller (b) so that it can be attached to the mower (c).

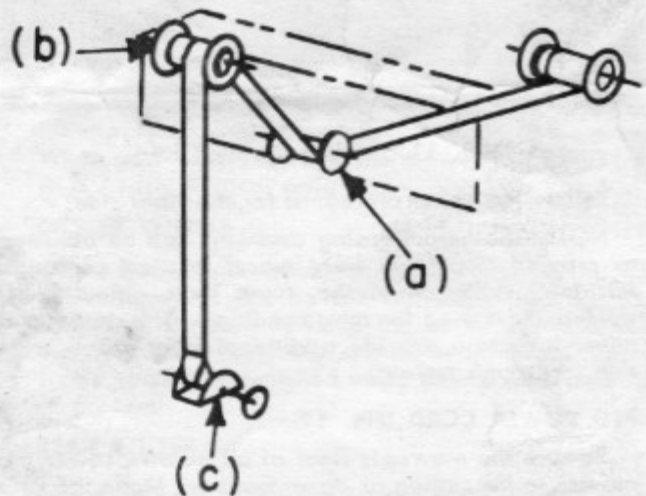


FIG. 9. Lift Strap Threading

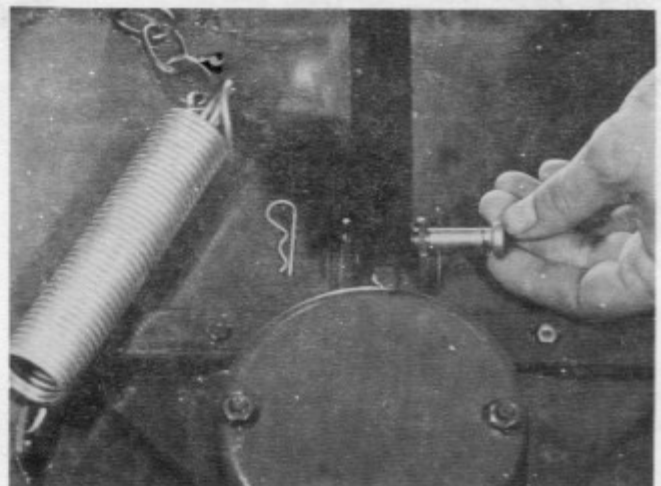


FIG. 10. Attach Lift Strap

Lower lift strap until the strap touches the mower deck. Remove the preinstalled hairpin cotter pin and clevis pin from the lift bracket on the mower deck. Center the lift strap into the bracket and reinstall the clevis and hairpin cotter pin. (See Fig. 10).

HELPER SPRINGS (Fig. 11)

Using the tractor's electric lift, raise the mower to a horizontal position.

Remove the hairpin cotter pin and retaining washer from the left side of the front lift axle. Install the helper spring chain and reinstall the retaining washer and hairpin cotter pin. (See Fig. 11).

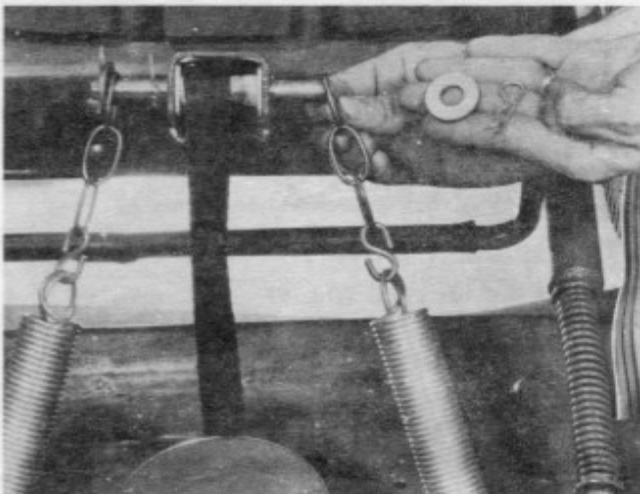


FIG. 11. Helper Spring Chain

Follow the same procedure for the right side.

NOTE: The helper spring assembly can be adjusted to provide additional front wheel traction on rough terrain. Installation of the upper links onto the lift guide axle is used for most conditions. The center and lower links will provide additional front wheel traction (on rough terrain).

PTO POWER CORD (Fig. 12)

Be sure the mower is clear of all objects. Lower the mower to its cutting or down position. Move the PTO switch to the "OFF" position, turn the Key Switch to the "OFF" position, remove the key and push down on the Power Disconnect Lever BEFORE plugging the PTO Power Cord into the tractor's PTO receptacle. (See Fig. 12).



FIG. 12. PTO Receptacle

After the PTO Power Cord is plugged into the tractor, sit on the seat and engage the Power Disconnect Lever. Turn the key switch to the "ON" position and test the mower by activating the PTO switch.

BE SURE THE MOWER IS CLEAR OF ALL OBJECTS AND PERSONS BEFORE STARTING THE MOWER.

The mower is now ready for use.

REMOVAL

The mower is easily removed from the tractor by first pushing down on the Power Disconnect Lever, then disconnecting the PTO Power Cord, Helper Spring Assemblies, Lift Strap and Mower Arms. For more detailed instructions follow the "INSTALLATION" procedure in a reverse order.

The Mower Guide must be removed only to mount a Snow/Dozer Blade or a Snowthrower.

ADJUSTMENTS

⚠ CAUTION ⚠
Never handle the mower or make adjustments while the power cord is plugged into the PTO receptacle.

The cutting height of the mower may be adjusted from 1½ inches to 4 inches in ½ inch increments. Height adjustment is made as follows:

1. Remove the power cord from the PTO receptacle.
2. Raise the mower by the lift to its "Up" position.
3. Hold one of the front casters and remove its retaining pin.
4. Slide the caster downward free of the support.
5. Reassemble the caster with the desired number of ½ inch spacers below the support and the remaining spacers above the support. Secure with the plain washer and spring pin and adjust the other caster similarly.
6. Adjust the rear roller at each end. The number of holes on the roller adjuster above the guide pin should correspond to the number of spacers used under the caster support. If there are no spacers below (all five spacers on top), each side of the roller adjuster should be secured in the top guide pin hole. Using one spacer below the support requires the adjusters to be set in the second hole from the top, and so on.

MOWER OPERATION

The operator must be seated on the tractor and the key switch turned to "On" before the PTO switch can be turned "On" to start the mower. An electrical interlock prevents mower starting if this procedure is not followed. Once the mower is running, if the operator leaves the seat, or turns the key switch to "Off", another interlock operates which not only interrupts mower power, but also stops blade rotation immediately by a dynamic braking action. To restart, the starting procedure must be repeated. For all normal use, the PTO switch should be used to turn the mower on and off.

