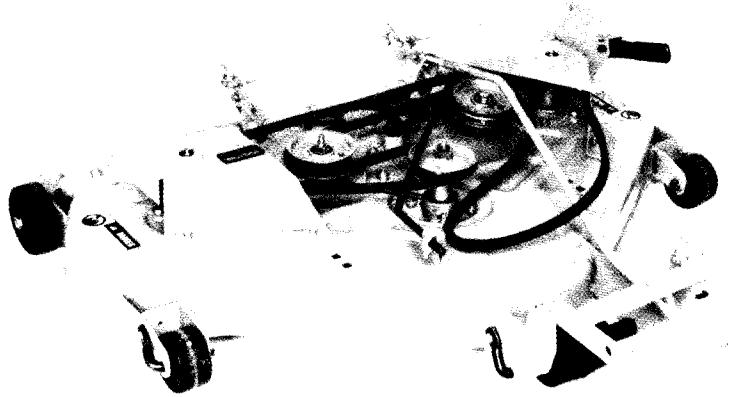
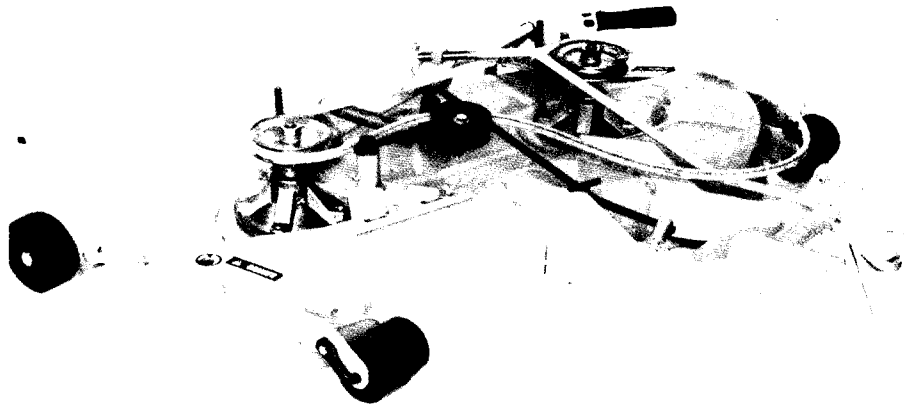


OPERATING AND MAINTENANCE INSTRUCTIONS



957

36 in. (92 cm) Rear Discharge Mower



958

37 in. (94 cm) Side Discharge Mower

 **Wheel Horse**

**200-SERIES
MOWERS**

VEHICLE IDENTIFICATION (VIN) NUMBER

A Vehicle Identification Number identifies your Wheel Horse attachment. This number should always be referred to when consulting with your dealer or factory concerning service, replacement parts, or questions you may have. For your reference, record below the number from the VIN plate on your attachment.



ASSEMBLY

INSTALL DISCHARGE CHUTE (37 in./94 cm Mower Only)

Raise right side of mower and support deck on both sides, using a double thickness of 2 × 4 wood block. Secure discharge chute to mower deck with hardware preinstalled in mounting holes. Insert carriage bolts from underside of deck. Use a flat washer under each nut. (Fig. 1).

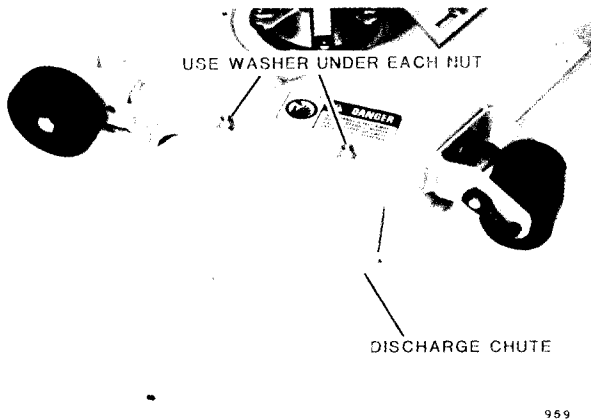


FIG. 1. Install Discharge Chute (37 in./94 cm Mower)

INSTALL LEVELING ROD

Locate leveling rod, roll pin, trunnion, flat washer and hairpin cotter. Screw trunnion on leveling rod, install trunnion on mower lever and secure with flat washer and hairpin cotter (Fig. 2).

On 37" mower only, position RH up stop rod 1/2 inch from RH pulley and LH up stop rod 1 inch from LH pulley.

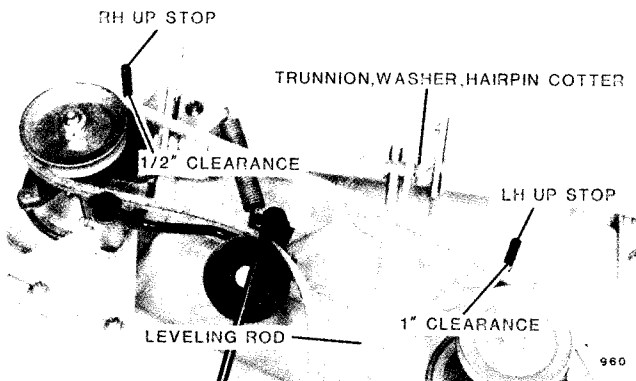


FIG. 2. Leveling Rod And Up Stops

Position drive belt as shown in Figure 3. Install front rod into slot in front mount and drive roll pin into rod so that 1/4 inch of roll pin extends past bottom edge of rod.

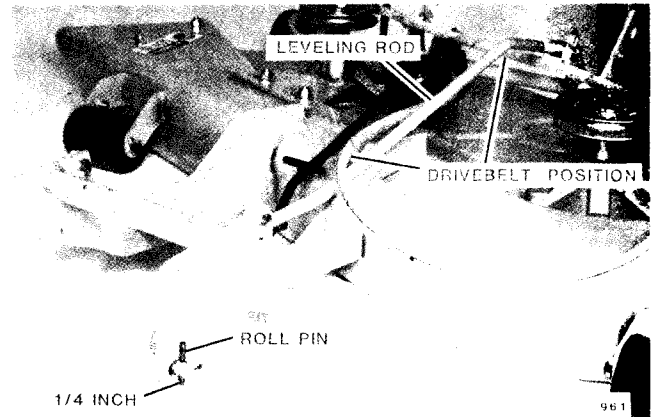


FIG. 3. Belt Position And Leveling Rod Roll Pin

INSTALLATION

IMPORTANT

Before installation, check that all mower blade bolts are tight:

Blade Nut Torque—80-100 ft. lbs. (112-140 Nm)

Check that mower spindles have been lubricated. Use a pressure grease gun and #2 multi-purpose lithium grease. Grease fittings are on top of spindles on three-blade mowers and on base of spindle housings on two-blade mowers.

Set mower height adjustment in bottom hole on quadrant.

Position mower on right side of tractor and turn front wheels all the way left.

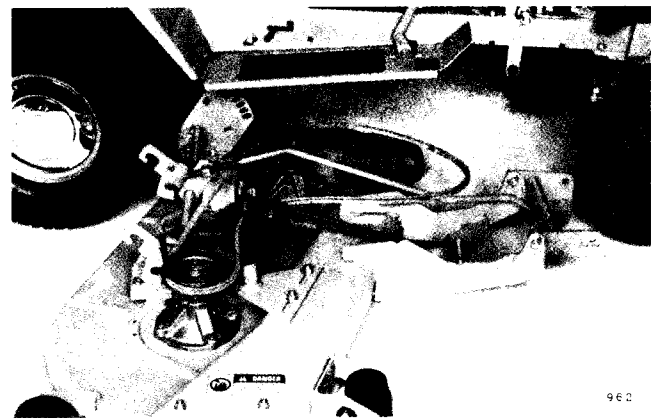


FIG. 4. Slide Mower Under Tractor

Slide mower under tractor (Fig. 4).

Remove hairpin cotters from left and right rear mounts and swing locks forward (Fig. 5). Lift rear of mower, insert hooks in hangers, position locking brackets on hangers and retain with hairpin cotters (Fig. 6).

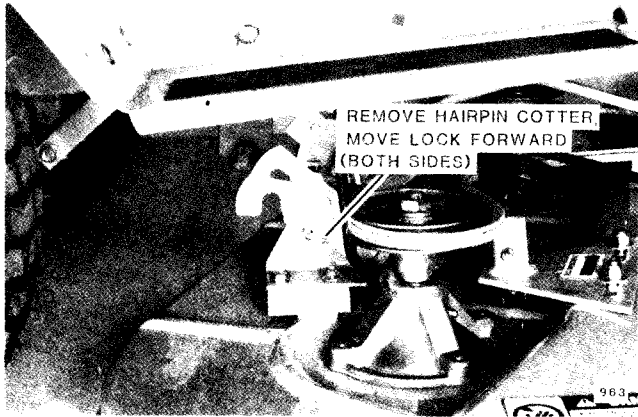


Fig. 5. Prepare Rear Mounts

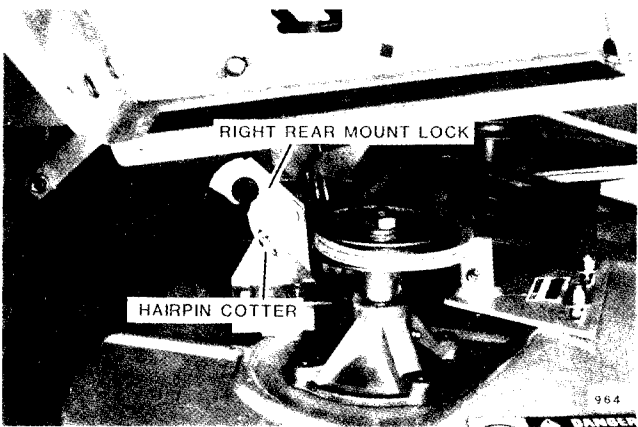


FIG. 6. Attach Rear Mounts

Straighten front wheels, move left and right spring loaded front mounting pins to center of tractor and lock in position (Fig. 7). Raise mower front hitch hanger bracket, align mounting holes and release spring loaded pins (Fig. 8).

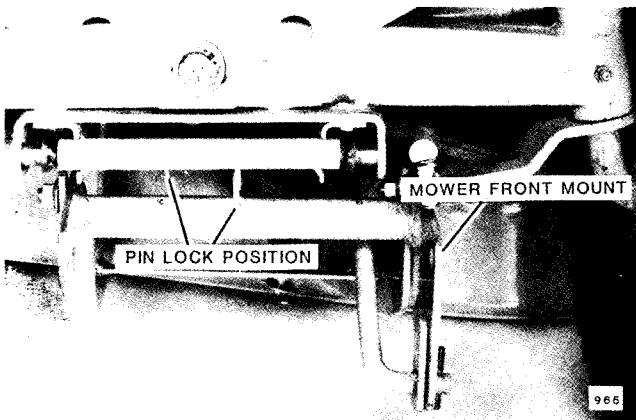


FIG. 7. Prepare Front Mount

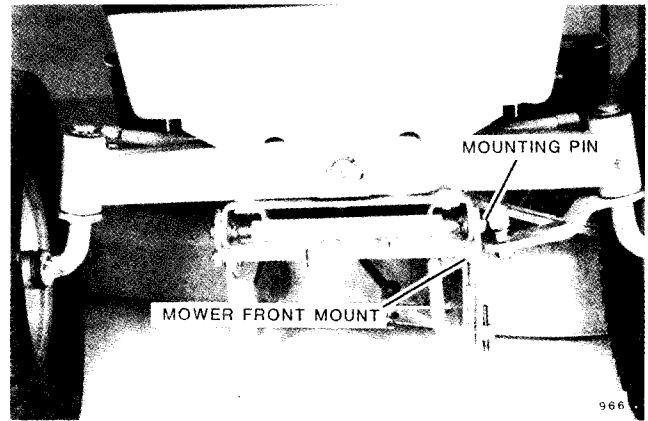


FIG. 8. Attach Front Mount

Position drive belt on spindle and idler pulleys (Fig. 9 or 10). Pull on rod handle and install drive belt on clutch pulley and trunnion on frame bracket with hairpin cotter (Figs. 11 & 12). Level mower as described under "Level Mower." Adjust belt tension as described under "Drive Belt Adjustment."

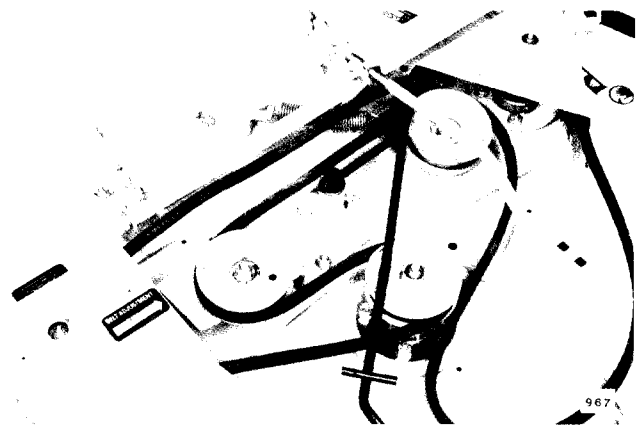


FIG. 9. 36" Mower Belt Routing

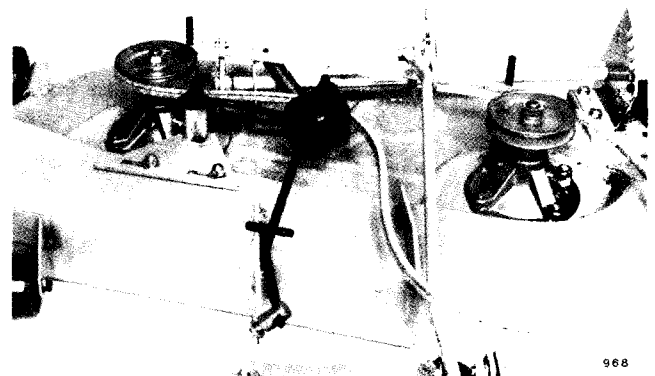


FIG. 10. 37" Mower Belt Routing

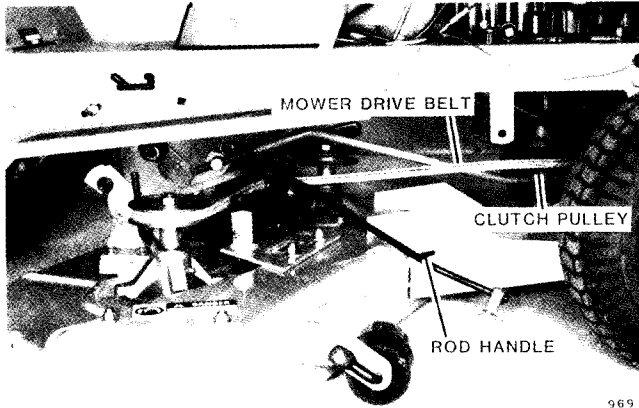


FIG. 11. Install Drive Belt

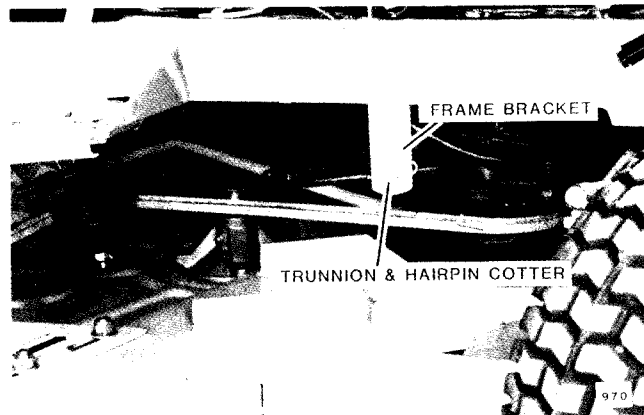


FIG. 12. Install Trunnion

ADJUSTMENT

⚠ WARNING ⚠

Keep all shields and mower discharge chute in place. Never attempt to clear discharge areas or mower blades, or make any adjustments or repairs, without first disengaging PTO clutch and removing ignition key.

CUTTING HEIGHT

Mower cutting height can be set from 1 to 3½ in. (2.5 to 8.9 cm) by using height control lever. Recommended cutting height is 2-3 in. (5-7.6 cm) for most applications.

DRIVE BELT ADJUSTMENT

Set mower height in middle cutting adjustment.

On 36" mowers, loosen flat idler pulley and adjust so that 1 inch of rod extends past frame bracket (Fig. 13). Retighten pulley.

On 37" mowers, loosen bracket and adjust so that 1 inch of rod extends past frame bracket (Fig. 14). Retighten bracket.

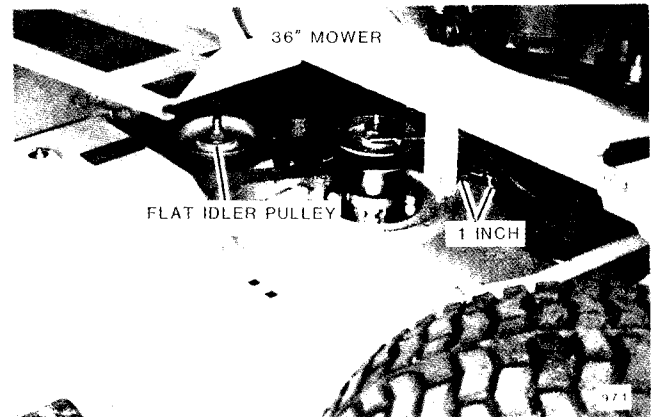


FIG. 13. 36" Mower Belt Adjustment

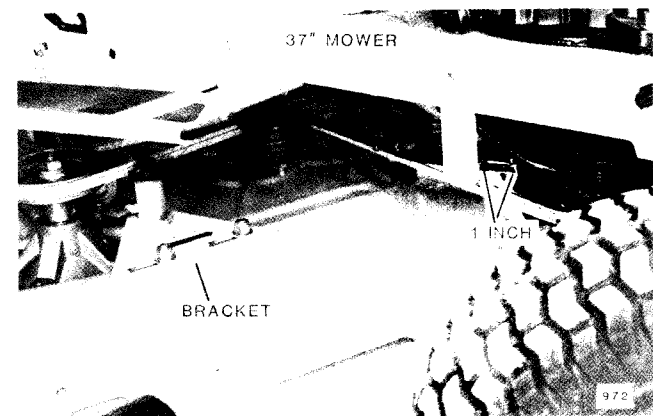


FIG. 14. 37" Mower Belt Adjustment

LEVEL MOWER

Park tractor on level floor and set mower in middle cutting height.

Loosen left front mower bolt (Fig. 15).

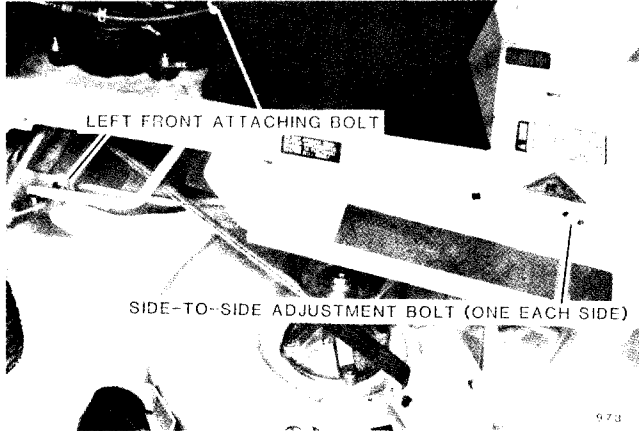


FIG. 15. Side-To-Side Leveling Adjustment

Turn blades side-to-side (Fig. 16). Adjust bolts on left and right side of tractor frame so that mower is level or distance between right and left blade tip ends and surface is the same (Figs. 15 & 16). Retighten bolt.

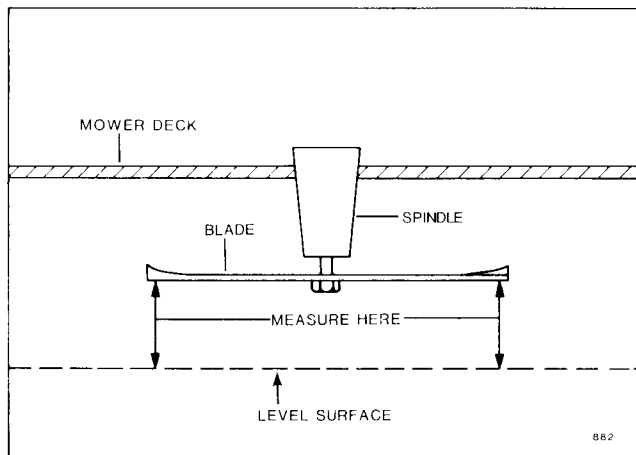


FIG. 16. Mower Level Measurement

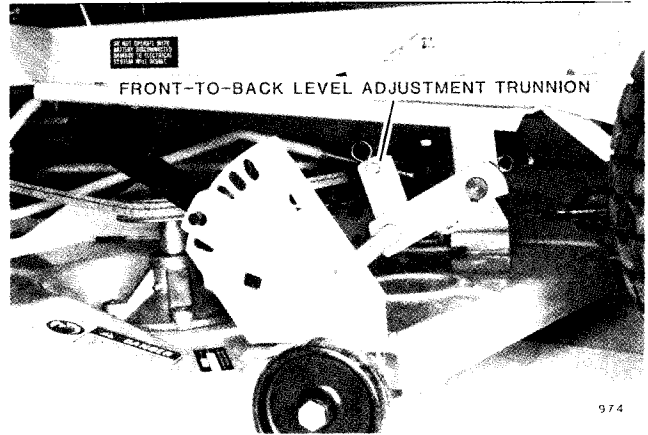


FIG. 17. Front-To-Back Leveling Adjustment

Turn blades Front-To-Back (Fig. 15). Adjust trunnion so that blade tips are equal distance from surface (Fig. 17). Support front of mower with a wooden block to relieve pressure on trunnion and remove wood block after trunnion is reinstalled to check level. After deck is level, adjust trunnion counterclockwise one turn to slightly lower front of mower.

REMOVE MOWER

Set mower height adjustment in lowest notch from bottom on quadrant.

Pull on rod handle and remove trunnion from frame bracket and drive belt from clutch pulley (Figs. 11 & 12).

Move left and right spring loaded front mounting pins to center of tractor and into lock position (Fig. 7). Lower front mount all the way down.

Remove left and right rear mower attaching hairpin cotters (Fig. 6). Rotate locks forward, lift up on rear of deck and release rear mounts. Reinstall hairpin cotters in locks.

Turn front wheels all the way left. Slide mower out from right side of tractor.

OPERATION

IMPORTANT

Each time mower is installed, check for proper operation of PTO clutch and brake. First time mower is used, or after installing a new mower drive belt, recheck belt tension after first 20 minutes of operation (allow belt to cool before checking tension).

⚠ CAUTION ⚠

The 37 in. (94 cm) mower can be equipped with a rear grass bagger attachment. This attachment is supplied with a special "high lift" blade or blades. Never use high lift blade(s) unless complete grass bagger is installed. Reinstall "standard" mower blade(s) and steel chute extension whenever bagger is removed.

For best performance operate engine at full throttle. Use transmission to set tractor's speed between 2 and 3.5 mph (3.2 and 5.6 kmh) depending on height, moisture content and density of grass to be mowed. Uneven cutting is often a result of excessive ground speed.

Average lawns are usually cut at a height between 2 and 3 in. (5-7.6 cm). Tall grass and weeds should be cut with mower in its highest position, making a second pass cutting to height desired. Always keep mower blades sharp.

Very tall or wet grass can be cut without difficulty by using a little care. Set mower in its highest cutting position and enter area in first gear. If necessary, take a cut one half the width of mower, overlapping previously cut area on each pass. Then, with mower set to desired height, make a finish cut over entire area.

Under some unusual mowing conditions, mower may leave a "streak" of uncut grass, which can be caused by any one of the following conditions:

1. Engine being operated at less than full throttle.
2. Dull blades or underside of mower deck clogged with matted grass.
3. Ground speed too high for conditions – adjust to 2 MPH (3.2 KPH), or less if necessary.
4. Incorrect tire pressures.
5. Streaking only on turns indicates turns are being made too sharply.
6. If blades have been sharpened a number of times, they may now be too short to "overlap" each other, and must be replaced.

MAINTENANCE AND STORAGE

LUBRICATION

Lubricate pivoting arms and levers after every 10 hours of operation, with light machine oil applied directly to wear surfaces. Rollers should NOT be lubricated. Spindle bearings should be lubricated at 50 operating hour intervals. Use a pressure grease gun and #2 multi-purpose lithium grease to lubricate spindle bearings. Four to six pumps of a hand type grease gun will usually fill each spindle after 50 hours use. Grease zerks are located at base of spindle housing above mower deck on twin-blade mowers and at top of spindle shaft on three-blade mowers. (Figs. 18 and 19).

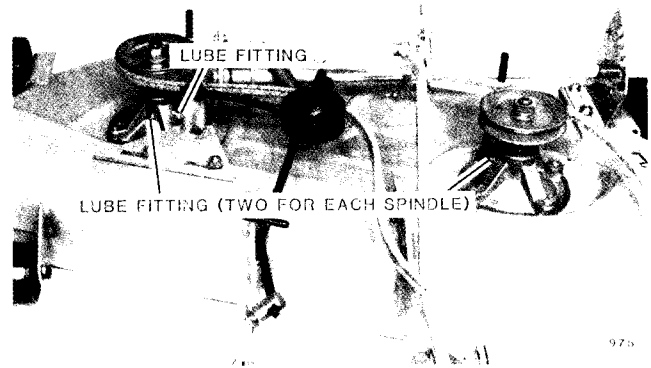


FIG. 18. 2 Blade Mower Lubrication Points

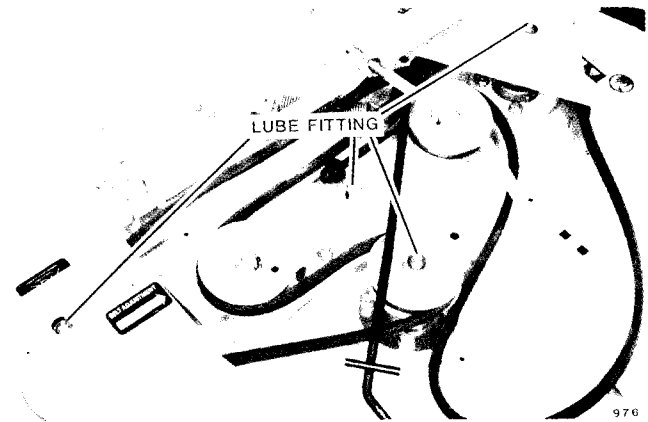


FIG. 19. 3 Blade Mower Lubrication Points

BLADE MAINTENANCE

⚠ CAUTION ⚠

Sharp edges of mower blade can cut you during blade maintenance or adjustment. Use suitable covering over cutting edges of blade to prevent bodily harm.

To obtain optimum mowing results, mower blades should be kept sharp and well balanced. To sharpen blades, remove mower from tractor and invert mower. Remove blade attaching nuts and washers from end of spindles and remove blades. A short piece of 2 x 4 lumber may be placed between side of mower deck and blade to "lock" it in position when loosening attaching hardware.

File or grind blades evenly. Take care to retain angle of original cutting edge. Blade balance can be checked on an inexpensive blade balancer, available at most hardware stores.

Reinstall blades with lift area (turned up section) facing mower deck. Tighten blade attaching nuts to a torque of 80-100 ft. lbs. (112-140 nm).

UNDERSIDE CLEANING

It is of vital importance to clean underside of mower frequently. Accumulation of matted clippings seriously impairs mower's ability to "lift" grass blades into cutting position and discharge clippings evenly. Matted grass clogging underside of mower is often cause of uneven cutting.

REPLACEMENT MOWER DRIVE BELT

Be sure to purchase genuine Wheel Horse belt for replacement purposes as belt is designed specifically for each application.

MOWER DRIVE BELT REPLACEMENT

Stop engine and remove spark plug wire. Pull on rod handle and remove trunnion from frame bracket and belt from clutch (Figs. 11 & 12). Remove leveling rod trunnion from mower (Fig. 17).

On 37" mower only, remove drive belt from mower. Reinstall new belt in reverse order. Adjust belt tension as described under "Drive Belt Adjustment."

On 36" mower only, remove right and left belt guards (Fig. 20). Loosen flat idler pulley. Remove drive belt from mower. Reinstall belt in reverse order. Adjust belt tension as described under "Drive Belt Adjustment."

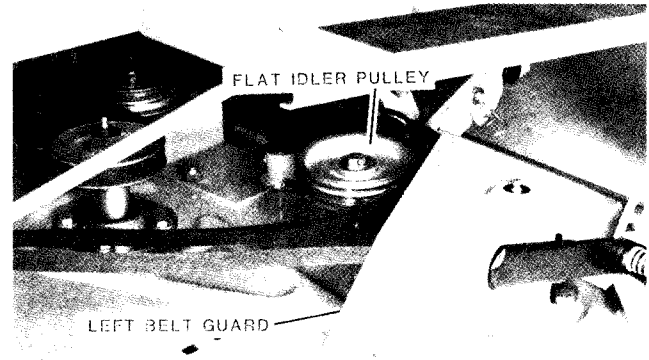


FIG. 20. 36" Drive Belt Replacement

GENERAL CARE AND STORAGE

Top of mower deck should be washed with a garden hose after each use. A mild automotive detergent may be used to remove stubborn dirt. After washing, allow mower to dry, then start tractor and engage mower for approximately 1 minute to remove excess water from belts and pulleys.

Touch up painted surfaces with a fresh coat of "Wheel Horse Red," available from your authorized dealer in aerosol cans.

Store mower in a clean, dry place or protect it with a weather-proof cover when stored outdoors.

A separate parts manual for your Wheel Horse attachment can be obtained by completing the attached form and sending it, along with a check or money order, to the address below.

**PUBLICATIONS
WHEEL HORSE PRODUCTS, INC.
P.O. Box 2649
South Bend, Indiana 46680**

ATTACHMENT PARTS MANUAL ORDER FORM

Enter number shown on your attachment:



I have enclosed a check or money order for \$1.00 for each manual requested.

MAILING LABEL - PLEASE PRINT CLEARLY

To:

Name

Address

City

State

Zip

Product information and specifications are shown herein as of the time of printing. Wheel Horse Products, Inc. reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligation.

