

OPERATOR'S MANUAL AND PARTS LIST

JACOBSEN **TEXTRON**

Jacobsen Division of Textron Inc.

FAIRWAY MOWERS

* NO. 71105 - SERIAL NO. T194000 AND UP
NO. 71351 - SERIAL NO. T103500 AND UP

WHEELS - NOS. 70091, 70092, 70093, 70094, 70096, 70097

* SHIPPED IN THREE PACK NO. 71108



WARNING

IF INCORRECTLY USED THIS MACHINE CAN CAUSE SEVERE INJURY. THOSE WHO USE AND MAINTAIN THE MACHINE SHOULD BE TRAINED IN ITS PROPER USE, WARNED OF ITS DANGERS, AND SHOULD READ THE ENTIRE MANUAL BEFORE ATTEMPTING TO SET UP, OPERATE, ADJUST OR SERVICE THE MACHINE.

FOREWORD

This manual contains operating, maintenance, adjustment instructions and parts lists for your Jacobsen Fairway Mower. This material has been prepared in detail to help in ordering of parts and for proper care and efficient operation of this equipment.

The Fairway Mowers are furnished with an 8'' (20.3 cm) 6-blade reel, Product No. 71105; or an 8'' (20.3 cm) 10-blade reel, Product No. 71351.

The 8'' 6-blade reels are available in a group of three, Product No. 71108.

Wheels are available in various sizes and are packaged in separate cartons to expedite handling of orders and lower shipping costs.

The sizes and types of wheels available for use with the Fairway Mower are as follows:

Steel wheels which have replaceable rims

Product No. 70093 - 18'' (45.7 cm) Diameter Wheels

Product No. 70096 - 17'' (43.1 cm) Diameter Wheels

Semi-pneumatic wheels which have replaceable tires

Product No. 70094 - 4 x 17 Wheels

Product No. 70097 - 4 x 20 Wheels

Pneumatic wheels which have replaceable tires and inner tubes

Product No. 70091 - 4.00 x 12 Wheels

Product No. 70092 - 4.00 x 9 Wheels

Mowers equipped with pneumatic tires are especially recommended if units are transported for long distances over highways or other hard surfaces, where a flotation problem discourages the use of steel wheels. However, steel wheels or semi-pneumatic tires will prove very satisfactory for the average mowing conditions.

Frame combinations are available to adapt the Fairway Mower to almost any type of mobile equipment.

The Fairway Mower can be used in any 3, 5, 7, 9 or 11 gang combinations. These combinations should allow the operator to do any job easily and economically.

If additional information is needed or should you require trained mechanic service, contact your Jacobsen Turf Equipment Distributor.

All Jacobsen Turf Equipment Distributors are kept informed of the latest methods of servicing and are equipped to provide prompt and efficient service either in the field or at their service station. They carry ample stocks of Jacobsen service parts or can secure them promptly for you from the factory. **Use of other than original Jacobsen parts or Jacobsen authorized parts will void the warranty.**

When ordering parts, always specify the serial number and model of your equipment as well as the quantity, part number, and description of the parts needed.

SPECIFICATIONS

Cutting Width: 30 inches or 76.2 cm (each mower).

Wheels: Pressed steel discs with demountable rims. When worn, only rim need be replaced. Pneumatic and semi-pneumatic tires also available at slight extra cost.

Gears: Precision machine cut.

Reels: Consist of 6 blades made of special heat-treated steel electrically welded to 5 steel discs which are welded to the reel shaft. Eight inch diameter six blade reels are standard with five or ten blade reels offered as optional equipment.

Drive: Separate train of gears for each ground wheel.

Height of Cut:

17'' (43.1 cm)	Steel Wheels	3/8'' to 2-3/4''	(.952 to 6.98 cm)
18'' (45.7 cm)	Steel Wheels	3/8'' to 3''	(.952 to 7.62 cm)
4.00 x 9	Pneumatic	3/8'' to 2-3/4''	(.952 to 6.98 cm)
4.00 x 12	Pneumatic	15/16'' to 3-1/2''	(2.38 to 8.89 cm)
4 x 17	Semi-Pneumatic	3/8'' to 2-3/4''	(.952 to 6.98 cm)
4 x 20	Semi-Pneumatic	15/16'' to 3-1/2''	(2.38 to 8.89 cm)

Bearing: Tapered roller bearings for reel and ground wheels, roller bearings for intermediate gear, and tapered roller bearings in rear roller.

Lubrication: All gears and bearings lubricated from main reservoirs.

Bed-Knife: Made from oil-hardened special alloy steel, and is reversible for extra long life.

Clutch: Separate clutch in each housing to engage and disengage reel.

Roller: Steel tube mounted on tapered roller bearings sealed from outside with dual lip seals. Adjustable end caps to take up end play if necessary. Lubricant sealed in for the lifetime of the roller. Rubber covered roller, Product No. 500701, and roller scraper, product 71009, optional at extra cost.

Tire Inflation: 4.00 x 9 and 4.00 x 12 - 35 pounds. (2.46 kg per sq cm)

Adjustment: Adjustment of bed-knife is done entirely by hand. No tools of any kind are required to adjust the Jacobsen mowers. Friction locks hold adjustment in any position.

Deflectors: Under some mowing conditions, it is desirable to guide the flow of cut grass for one of two reasons as listed below:

1. In some cases, it may be desirable to guide the grass out of the rear of the mower so it does not fly up against the operator of the vehicle. Under such conditions, the following grass deflectors should be used with these mowers: Jacobsen Model F-10, F-20 or E-10 Tractor Fairway push frame deflectors, or Product No. 71006 Fairway grass deflector assembly.
2. In other cases, it may be desirable to guide the grass around the reel back into the front of the mower so the grass clippings are re-cut until they are very small. Under these conditions the Fairway front throw grass deflector, Product No. 71004, should be used on the Fairway mowers.

OPERATION

PRE-OPERATION INSTRUCTIONS

Before this unit is placed in operation these items should be checked:

1. Check all hardware for tightness.
2. Check reel and bed-knife for proper adjustment.
3. Check all lubrication points.

IMPORTANT

After the first eight hours of operation we suggest that the operator check the adjustment of ground wheel cylinders and reel bearings for end play, also tighten hub caps if loose.

IMPORTANT

The first few days of operation of this mower represent the most important period in the life of the machine. During this time the bed-knife and reel blades are taking their proper seat. This seating process should not be forced by adjusting the blades too closely. A tight adjustment will cause the cutting edges to be worn away resulting in poor cutting performance. A sharp cutting edge on both reel blades and bed-knife will be maintained if the adjustment is made so that the reel will spin freely without binding on the bed-knife. For best results keep the reel blades running freely at all times.

For final adjustment always spin the reel backwards by hand. With a continuous spinning motion on the reel; make a very light uniform metal to metal adjustment. Then slowly turn the reel forward and make a very fine adjustment, if needed, between the reel and the bed knife so that they will shear paper (approx. .004" or .010 cm thickness) cleanly across the entire length of the bed knife on every reel blade. When spun by hand the reel should spin freely, approximately two revolutions before stopping. A perfect adjustment is zero contact and zero clearance between the bed knife and reel. It is not always possible to achieve a perfect adjustment but you should always strive for a close to a perfect adjustment as possible.

When adjusting the bed-knife to meet the reel - both adjusting handles must be drawn up simultaneously. Use fingers only - NO WRENCHES.

OPERATING SPEED

The operator should mow at slow speeds until he is familiar with the cutting area. In smooth areas that have been cleared of debris, operating speeds can be higher. In rough or uncleared areas operating speeds should be greatly reduced.

The mower will cut as well at low speeds as it will at high speeds. The most efficient operating speed for the mower is between 2 & 4 MPH depending on grass and ground conditions.

TURNING

In turning, only the outside wheel, which is traveling the fastest, is doing the driving of the reel. If in continued operations, all turning is in one direction, all wear of gear bearing, etc. will take place in the same gear housing.

It is recommended that the operator alternate mowing directions each time an area is cut.

TRANSPORTATION

When mowers are being transported from one cutting area to another along roadways, etc. the reel clutches (B, Fig. 5) should be disengaged. To disengage the clutches, the pointers on both clutch handles should be turned toward the front of the mower. To engage the clutches the pointers should be turned toward the rear of the mower.

IMPORTANT

Since the clutch handles only turn a slight amount between engaged and disengaged it is necessary to rock the wheels back and forth to make sure the pawls are fully engaged or disengaged.

If reels are allowed to remain engaged and revolve while being transported, excessive friction and heat will develop between the bed-knife and the reel, which will result in binding and damage the cutting edges of the two components.

IMPORTANT

Operate at reduced speeds over sparsely grassed areas, as lack of sufficient grass juice to lubricate the blades will also cause damage to reel blades and bed-knife.

MAINTENANCE

LONG GRASS PROBLEM INSTRUCTIONS

The Fairway Mowers are designed as maintenance pieces of equipment. They are not "reapers" or agricultural pieces of equipment to be used on areas only once or twice a season.

For areas that have been permitted to reach a height in excess of approximately 10 inches or 25.4 cm, better results will be obtained by raising the height of cut to the highest practical adjustment on each mower until the field is in proper condition for regular maintenance, then lowered to the desired height.

BLADE SHARPENING

With the edges of reel blades and bed-knife operating in a shearing action, they are self-sharpening and may never need sharpening by the grinding process unless they have been subjected to severe abuse, etc. If or when it becomes necessary to sharpen either or both of the components by the grinding process, we recommend that this work be contracted through an authorized Jacobsen Turf Equipment Distributor who has trained personnel and the proper equipment to perform this type of work.

MAINTENANCE

IMPORTANT

Unless the cutting edges are properly ground, they can be ruined quickly and many years of usefulness of the material will be destroyed.

TO STRAIGHTEN DAMAGED BLADES

When the unit encounters an obstruction that lodges between the reel blades and bed-knife, a bent reel blade may result. If it does, rotate reel so that damaged blade is in the most accessible position for straightening. Place a wooden obstruction between reel blades and main axle of mower so the reel cannot revolve. Hold a "stop", such as a metal casting or sledge hammer head, firmly behind the distorted portion of the blade, and with a hammer pound blade back into its original shape, or as close as possible. Remove obstruction so the blade can be rotated. The straightening process will have undoubtedly caused a "high spot" so that this particular blade will not pass the bed-knife. A sharp "mill file" should be used to remove the "high spot".

TIRE INFLATION

The proper tire inflation pressure for the 4.00 x 9 and 4.00 x 12 pneumatic tires is 35 lbs. (2.46 kg per sq cm). This pressure should be maintained at all times for best results.

NOTE

Chevron tread tires must be mounted on Fairway Mowers so the "V" tread points to the rear of the mower when viewed from the top of the mower. The "direction arrows" on the side of tires should be disregarded. Maximum traction as well as self cleaning characteristics will be assured if tires are mounted in this manner.

KEEP MOWERS CLEAN

To obtain best results and long life for your Jacobsen equipment, keep mower units clean and be sure to use only Jacobsen repair parts. Consult your nearest authorized Jacobsen Turf Equipment Distributor for prompt and efficient service.

ADJUSTMENTS

ROLLER BRACKET CLAMP SCREW

The roller bracket clamp screws (See Figure 4) are set at the factory. If they loosen or are replaced, tighten to 38-57 ft. lbs. (5.25-7.88 kg/m) torque.

BED-KNIFE ADJUSTMENT

Grass is cut by the shearing action which takes place between blades of the revolving reel coming in contact with the forward edge of the stationary bed-knife. Only the slightest possible contact is necessary for satisfactory performance. Proper adjustment will result in a self-sharpening action.

The reel shaft is mounted on two tapered roller bearings which are adjustable to compensate for normal wear and eliminate end play (See Reel Bearing Adjustment).

The bed-knife (C, Fig. 1) or stationary cutter bar is mounted on the bed-knife backing (D, Fig. 1) which is journaled or pivoted on each side of the cutting unit framework at (H, Fig. 1). The bed-knife (C, Fig. 1) must be adjusted evenly to the reel from both ends.

The bed-knife is adjusted by turning the handles (E, Fig. 1) on each end of the unit. Turn the handles clockwise to bring bed-knife closer to reel and counterclockwise to move it away.

The handles should be turned by hand. DO NOT USE TOOLS. A spring friction grip (F, Fig. 1) provides sufficient friction to hold any adjustment.

IMPORTANT

For continued satisfactory performance, be sure that both ends of the bed-knife are always adjusted evenly to the reel. Adjusting only one side will cause the bed-knife cutting edge and blades of the reel to wear at an angle or taper. Operators should understand that it is "human nature" for a right handed person to adjust the bed-knife more on the right hand side than on the left and vice-versa for a left handed operator. Great care should be taken to adjust both sides as evenly as possible at all times.

IMPORTANT

R. H. end of bed-knife should have a small bevel at all times.

REEL BEARING ADJUSTMENT

The reel shaft is mounted on two tapered roller bearings that are adjustable to compensate for normal wear and eliminate end play. When bearing adjustment is necessary, proceed as follows:

1. Remove both bed-knife adjusting handles, springs and screws to allow backing assembly to swing free of reel.
2. Remove right hand wheel and gear case cover cap.
3. Hold reel from turning and tighten reel shaft nut very carefully until all end play is eliminated and reel revolves freely.

ADJUSTMENTS

IMPORTANT

Do not tighten nut beyond this point, otherwise the gear housings will be drawn inward and cause the bed-knife backing assembly to bind. The bed-knife backing assembly must swing freely between gear housings at all times.

4. Reassemble bed-knife and adjusting handles, springs and screws and adjust backing assembly to reel.
5. Reassemble gear case cover cap and drive wheel to hub.

IMPORTANT

When lapping the reel in this mower, always attach lapping machine to left hand nut on reel shaft when standing behind mower. Do not lap reel from right hand side.

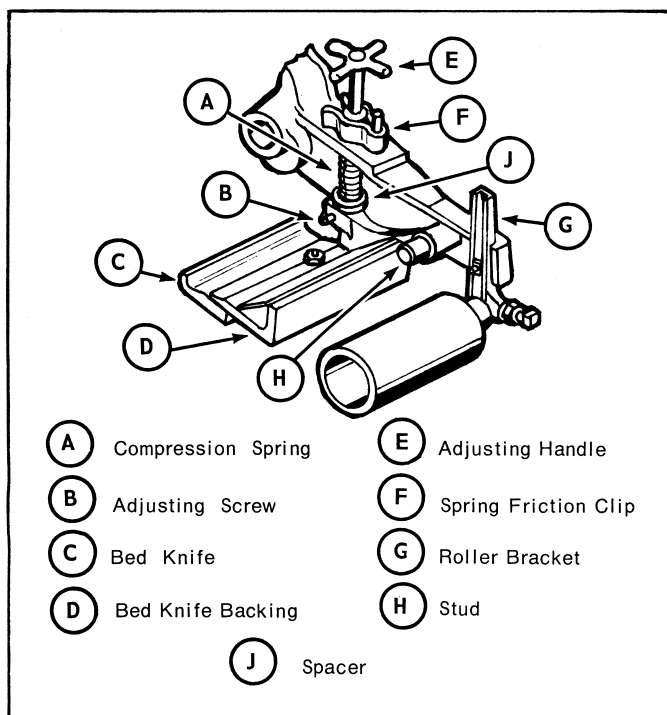


Figure 1

REAR ROLLER ADJUSTMENT

The rear roller is designed for minimum maintenance. If proper adjustment is maintained and there is no sign of oil leakage, no repair or lubrication is required. If roller repairs or new lubrication is needed, refer to Figure 2 and proceed as follows:

1. Clamp roller (D) vertically in a vise while supporting the lower end of the shaft (G) to prevent it from dropping out of the tube during the following operations. **IMPORTANT:** Be sure that the drill point is at the lower end of the shaft (See Fig. 3).

IMPORTANT

The roller tube contains approximately one quart of oil. Place a large enough pan under the assembly to catch this oil when disassembling.

2. Loosen set screw (E) at upper end of roller and unscrew end cap (A) counterclockwise. Hold the lower end cap to prevent the shaft from turning.
3. Remove shaft supporting device (installed in Step No. 1) and remove shaft by tapping the upper end with a soft-headed hammer.
4. Remove and cleanse thoroughly the upper and lower bearing cups and cones (C), replacing them if worn.
5. Reinstall bearings and cups in tube and prepack the exposed sides of the bearings with a good grade of pressure gun grease. Install the upper and lower seals and reassemble the roller, reversing Steps 1, 2, and 3.

IMPORTANT

Before installing top end cap, pour in one quart of SAE EP-250 oil.

ADJUSTING END PLAY

To adjust rear roller end play, refer to Figure 2, and proceed as follows:

Loosen collar set screw (E) on end of roller shaft which does not have a flat surface (adjustment is made at one end only). Adjust end cap (A) until all end play is eliminated but roller still revolves freely. Back off collar and tap end of shaft (G) with a soft hammer until resulting bearing end play is .008" to .015" (.020 to .038 cm) and roller turns freely. Then lock set screw securely.

If roller assembly is ever completely disassembled, the instructions below should be followed for reassembly:

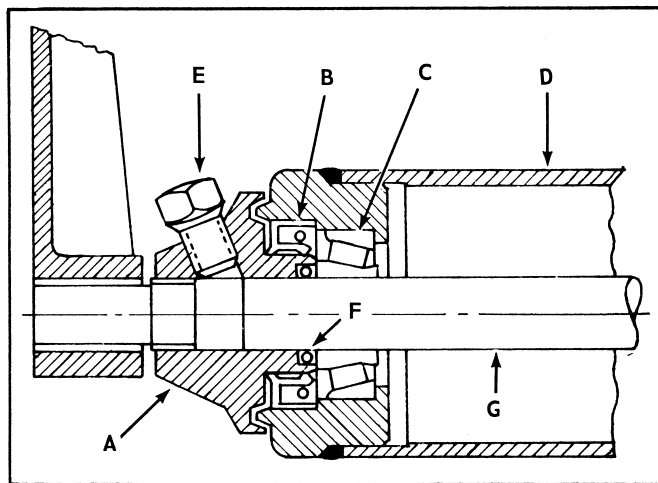


Figure 2

1. Turn roller collar on end of shaft which has drill point until 1-7/32" (3.09 cm) dimension is reached as shown in Figure 3. Set screw and drill point should be in line. If not, turn collar clockwise or counterclockwise until both are in line. Then lock set screw securely.
2. Mount roller tube assembly and other collar. Adjust collar until all end play is eliminated but roller revolves freely.

ADJUSTMENTS

HEIGHT SETTING CHART FOR OFF - SET ROLLER BRACKETS

Hole No. in Bracket	Hole No. in Housing	17" Steel Wheel	18" Steel Wheel	4.00 x 12 Tires	4x20 Semi-Pneumatic	4 x 9 Tires & 4 x 17 Semi-Pneumatic
8	1			11/16 (1.74 cm)		
8	2		3/8 (.952 cm)	7/8 (2.22 cm)	11/16 (1.74 cm)	
7	1		1/2 (1.27 cm)	15/16 (2.38 cm)	11/16 (1.74 cm)	
8	3		11/16 (1.74 cm)	1-1/16 (2.69 cm)	15/16 (2.38 cm)	
7	2	3/8 (.952 cm)	3/4 (1.90 cm)	1-3/16 (3.01 cm)	1-1/16 (2.69 cm)	7/16 (1.11 cm)
6	1	1/2 (1.27 cm)	7/8 (2.22 cm)	1-5/16 (3.33 cm)	1-3/16 (3.01 cm)	1/2 (1.27 cm)
7	3	5/8 (1.58 cm)	1 (2.54 cm)	1-7/16 (3.65 cm)	1-5/16 (3.33 cm)	11/16 (1.74 cm)
6	2	3/4 (1.90 cm)	1-1/8 (2.85 cm)	1-9/16 (3.96 cm)	1-7/16 (3.65 cm)	13/16 (1.06 cm)
5	1	7/8 (2.22 cm)	1-7/32 (3.09 cm)	1-11/16 (4.28 cm)	1-9/16 (3.96 cm)	15/16 (2.38 cm)
6	3	1 (2.54 cm)	1-3/8 (3.49 cm)	1-13/16 (4.60 cm)	1-11/16 (4.28 cm)	1-1/16 (2.69 cm)
5	2	1-1/8 (2.85 cm)	1-1/2 (3.81 cm)	1-15/16 (4.92 cm)	1-13/16 (4.60 cm)	1-3/16 (3.01 cm)
4	1	1-1/4 (3.17 cm)	1-5/8 (4.12 cm)	2-1/16 (5.23 cm)	1-15/16 (4.92 cm)	1-5/16 (3.33 cm)
5	3	1-3/8 (3.49 cm)	1-3/4 (4.44 cm)	2-3/16 (5.55 cm)	2-1/16 (5.23 cm)	1-7/16 (3.65 cm)
4	2	1-1/2 (3.81 cm)	1-7/8 (4.76 cm)	2-5/16 (5.87 cm)	2-3/16 (5.55 cm)	1-9/16 (3.96 cm)
3	1	1-5/8 (4.12 cm)	2 (5.08 cm)	2-3/8 (6.03 cm)	2-5/16 (5.87 cm)	1-5/8 (4.12 cm)
4	3	1-3/4 (4.44 cm)	2-1/8 (5.39 cm)	2-9/16 (6.50 cm)	2-7/16 (6.20 cm)	1-13/16 (4.60 cm)
3	2	1-7/8 (4.76 cm)	2-1/4 (5.67 cm)	2-11/16 (6.82 cm)	2-9/16 (6.50 cm)	1-15/16 (4.92 cm)
2	1	2 (5.08 cm)	2-3/8 (5.99 cm)	2-13/16 (7.14 cm)	2-5/8 (6.66 cm)	2 (5.08 cm)
3	3	2-1/8 (5.39 cm)	2-1/2 (6.31 cm)	2-15/16 (7.46 cm)	2-13/16 (7.14 cm)	2-3/16 (5.55 cm)
2	2	2-1/4 (5.67 cm)	2-19/32 (6.58 cm)	3-1/16 (7.78 cm)	2-7/8 (7.30 cm)	2-1/4 (5.67 cm)
1	1	2-3/8 (5.99 cm)	2-11/16 (6.78 cm)	3-1/8 (7.93 cm)	3 (7.62 cm)	2-3/8 (5.99 cm)
2	3	2-1/2 (6.31 cm)	2-13/16 (7.10 cm)	3-1/4 (8.25 cm)	3-1/8 (7.93 cm)	2-1/2 (6.31 cm)
1	2	2-3/4 (6.94 cm)	2-15/16 (7.42 cm)	3-5/16 (8.41 cm)	3-3/16 (8.09 cm)	2-9/16 (6.50 cm)
1	3	2-7/8 (7.26 cm)		3-1/2 (8.89 cm)	3-7/16 (8.74 cm)	2-3/4 (6.94 cm)

NOTE: Holes are counted from top of bracket and housing down toward ground.

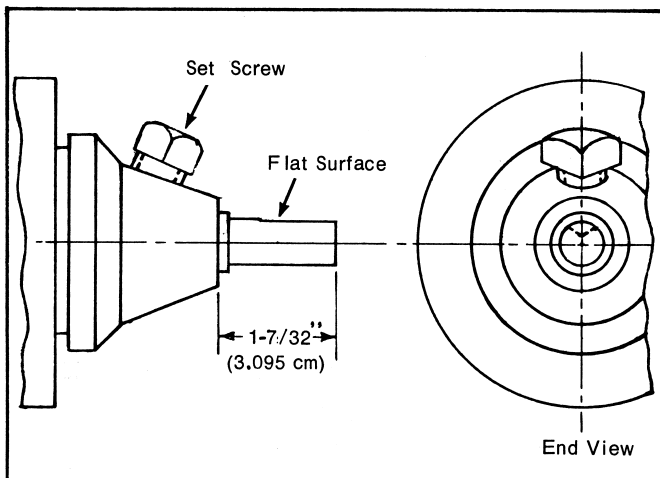


Figure 3

- Back off collar and tap each end of shaft with a soft hammer until resulting bearing end play is .008" to .015" (.020 to .038 cm) and roller turns freely. Then lock set screw securely.

INSTALLATION OF ROLLER IN BRACKETS

Roller collar set screws must not be located in this 90° area when roller is mounted in brackets on mower (See Fig. 4). If a set screw is in this area, remove roller from brackets and turn roller end for end.

IMPORTANT

Be sure set screw enters drill point in roller shaft before torquing screw. Tightening torque is 38 - 57 ft. lbs. (5.25 - 7.88 kg/m) on set screw. After set screw is tight, tighten nut to 38 - 57 ft. lbs. (5.25 - 7.88 kg/m) also.

SERVICING MOWER

If necessary remove spacers (J, Fig. 1) when no spring pressure exists at first or subsequent sharpenings.

HEIGHT ADJUSTMENT

To adjust roller brackets to obtain height of cut desired, refer to Figure 1, page 5 and the height setting chart shown above.

- Remove roller bracket bolts (C, Fig. 5). Raise or lower as desired by relocating bracket bolts in the proper hole combinations for type and size of wheels or tires shown on chart.
- Tighten roller bracket bolts securely after completing adjustment.

IMPORTANT

Be sure that bolts in both end of roller assembly are in corresponding holes in roller brackets and housing.

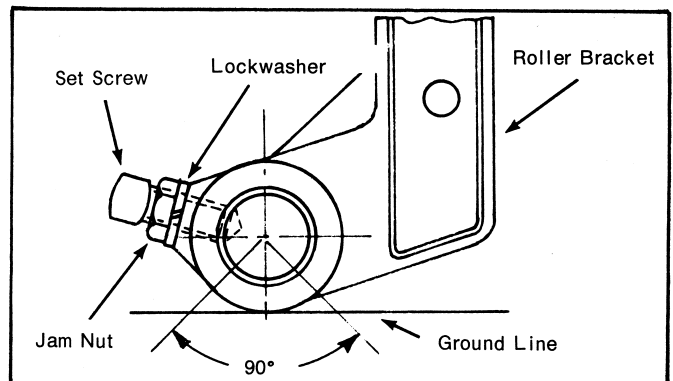


Figure 4

LUBRICATION

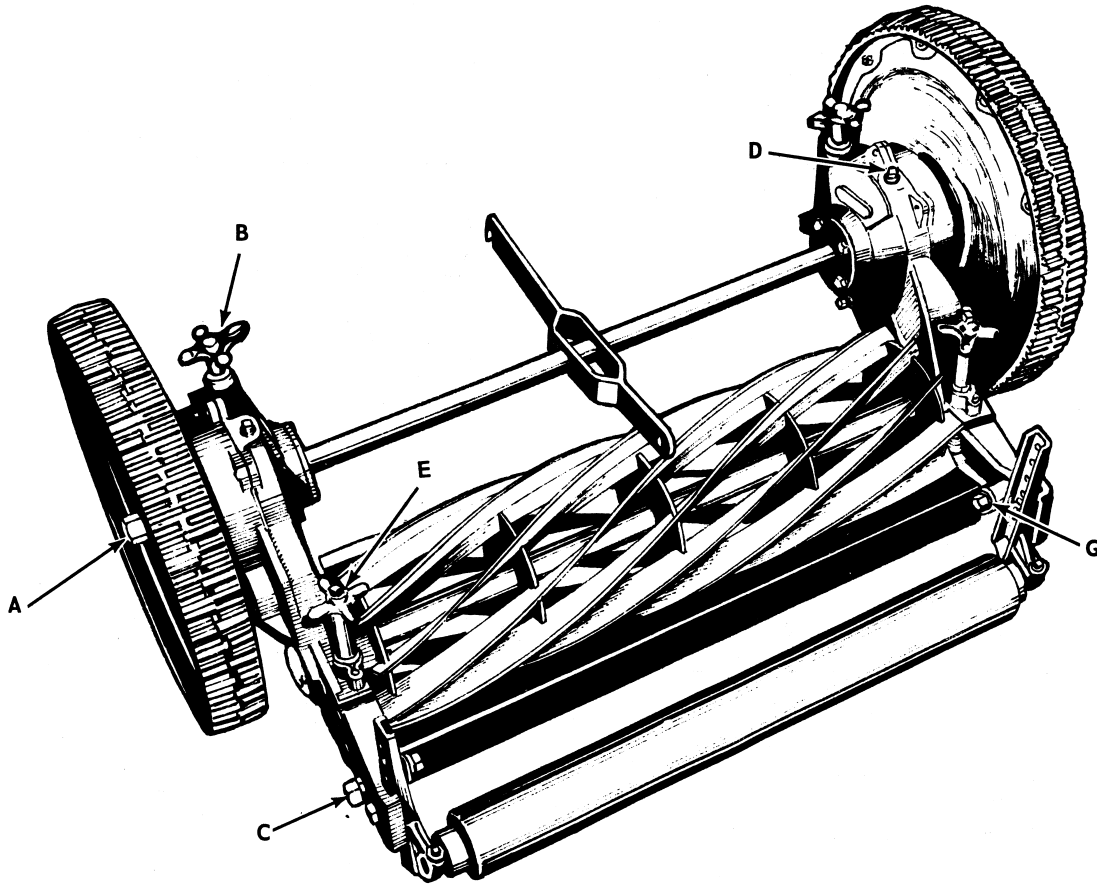


Figure 5

All new Fairway mower units are properly lubricated at the factory; however, overhauled units must be properly lubricated before they are put back into operation. Refer to Fig. 5 for reference letters used in these instructions.

GEAR HOUSING

Use approximately 1 pint, .473 liters (1 lb. or .453 Kg) in each gear housing. Insert lubricant through filler plug (D) on top of housings using a suction type grease gun. In using the recommended type of lubricant one filling will be sufficient for a full mowing season and no further checking or additions of lubricant is required except in cases of breakage or leaks that might occur due to faulty seals or gaskets. We recommend using Jacobsen Part No. 502762 in 5 gallon cans or Jacobsen Part No. 500650 in 8 oz. tubes.

WHEELS

Wheel bearings and wheel cylinders should be repacked with a good brand of fibre base wheel bearing grease twice each cutting season. Repacking is done by removing the lockwires, lockscrews, hub cap (A), hub, seal, and bearing, repacking the bearing housing and reinstalling the parts removed. If wheel bearing needs adjustment see Item No. 3 of Reel Bearing Adjustment instructions.

IMPORTANT

Before reinstalling the hub cap apply Permatex #2 to the face of the wheel hub in contact with the hub cap.

BED-KNIFE ADJUSTING HANDLE

Remove the plugs twice each season from top of adjusting handles (E) and place one teaspoonful of any good brand of winter grade chassis lubricant into the handles. Replace plugs. We also recommend that a few drops of light engine oil be placed on each end of the bed knife backing journals (G).

IMPORTANT

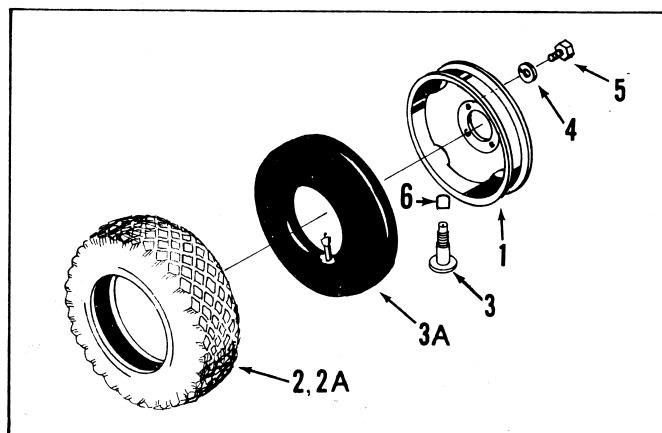
Keep base of adjusting handle (E) free of lubricant.

REAR ROLLER

The rear roller has sealed-in lifetime lubricant. If the bearings or seals require replacement the present oil should be replaced with one quart of SAE EP-250 oil at the time. (See Rear Roller Adjustment on Page 6).

4.00 x 12 Pneumatic Wheel Accessory No. 70091

Ref. No.	Part No.	Quan.	Description
1	108093	2	Disc & Rim Assembly
*2	358489	2	Tire, 4.00 x 12 Pneumatic Tubeless
**2A	318139	2	Tire, 4.00 x 12 Pneumatic
*3	333640	2	Valve
**3A	318140	2	Tube, Inner 4.00 x 12
4	400436	8	Screw, 1/2-20 x 7/8 Hex Hd Cap
5	446152	8	Lockwasher, 1/2 Med
6	360112	2	Cap, Nylon Valve

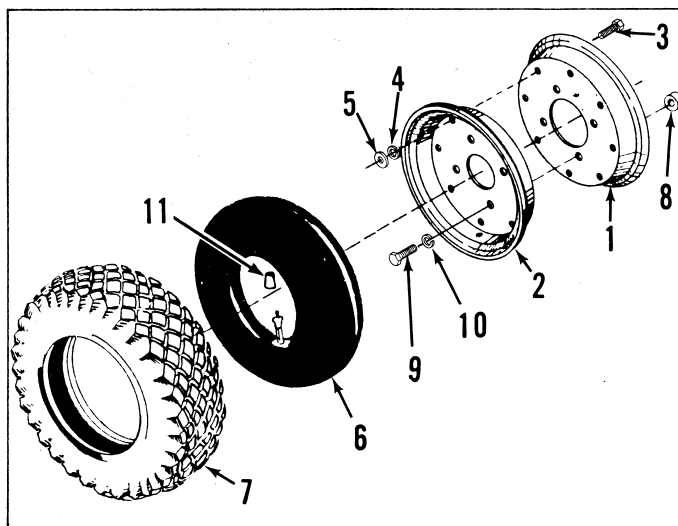


* For Tubeless Tires Order Ref. Nos. 2 & 3.

** For Tires with Inner Tubes Order Ref. Nos. 2A & 3A.

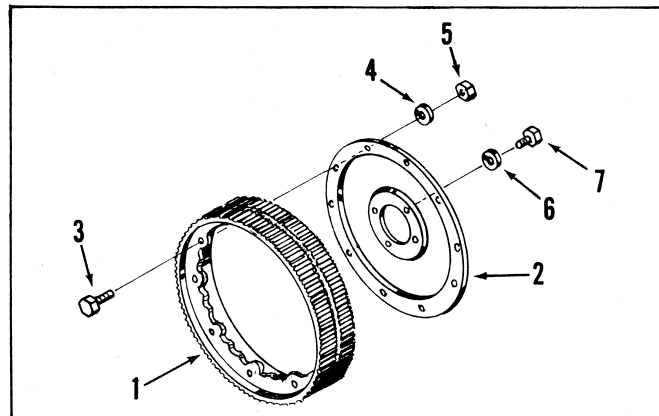
4.00 x 9 Pneumatic Wheel Accessory No. 70092

Ref. No.	Part No.	Quan.	Description
1	317872	2	Disc - Outer Wheel
2	317873	2	Disc - Inner Wheel
3	400294	16	Screw, 3/8-24 x 3/4 Hex Hd Cap
4	446140	16	Lockwasher - 3/8 Med
5	443112	16	Nut - 3/8-24 Hex
6	318144	2	Tube - Goodyear 4.00 x 9
7	318143	2	Tire - Goodyear 4.00 x 9
8	317871	8	Spacer
9	400442	8	Screw - 1/2-20 x 1-1/2 Hex Hd Cp
10	446152	8	Lockwasher, 1/2 Med
11	360112	2	Cap, Nylon Valve



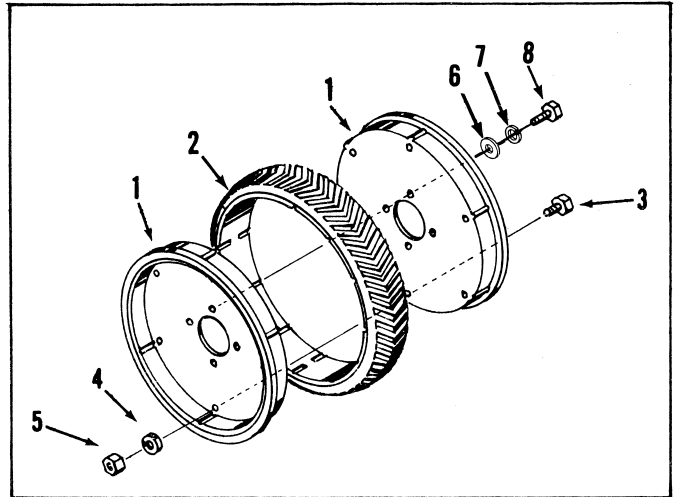
18" Steel Wheel Accessory No. 70093

Ref. No.	Part No.	Quan.	Description
1	203987	2	Rim, Wheel
2	315938	2	Disc, Wheel
3	400226	20	Screw, 5/16-24 x 1 Hex Hd
4	310266	20	Washer
5	444754	20	Nut, 5/16-24 Hex C/Lock
6	400436	8	Screw, 1/2-20 x 7/8 Hex Hd
7	446152	8	Lockwasher, 1/2 Med



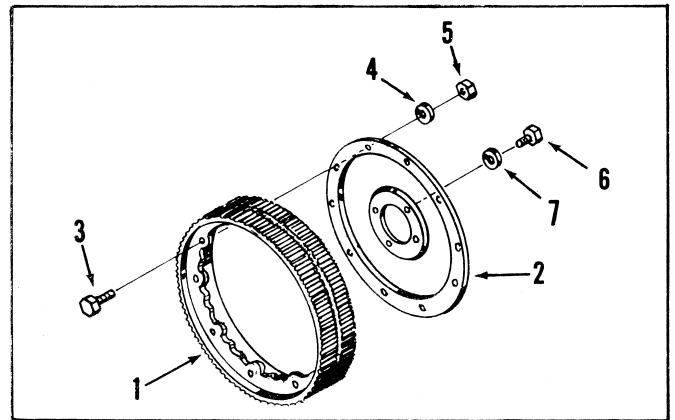
4.00 x 17 Semi-Pneumatic Wheel Accessory No. 70094

Ref. No.	Part No.	Quan.	Description
1	329120	4	Disc, Wheel
2	344137	2	Tire 4.00 x 17 Semi Pneu.
3	400184	8	Screw, 5/16-18 x 3/4 Hex Hd Cp
4	446134	8	Lockwasher, 5/16 Med
5	443106	8	Nut, 5/16-18 Hex
6	344132	8	Washer
7	500897	8	Lockwasher, 1/2 Med
8	500897	8	Screw, 1/2-20 x 1 1/4 Hex Hd Cap



17" Steel Wheel Accessory 30" Unit No. 70096

Ref. No.	Part No.	Quan.	Description
1	203992	2	Rim, Wheel
2	315939	2	Disc, Wheel
3	400226	20	Screw, 5/16-24 x 1 Hex Hd Cp
4	310266	20	Washer, Disc and Rim Mtg
5	444754	20	Nut, 5/16-24 Hex Gripco
6	400436	8	Screw, 1/2-20 x 7/8 Hex Hd Cp
7	446152	8	Lockwasher, 1/2 Med



4.00 x 20 Semi-Pneumatic Wheel Accessory No. 70097

Ref. No.	Part No.	Quan.	Description
1	336054	4	Disc, Wheel
2	316482	2	Tire, 4.00 x 20, Semi-Pneumatic
3	400258	12	Screw, 3/8-16 x 3/4 Hex Hd
4	446140	12	Lockwasher, 3/8
5	443110	12	Nut, 3/8-16 Hex
6	446152	8	Lockwasher, 1/2 Med
7	400438	8	Screw, 1/2-20 x 1 Hex Hd

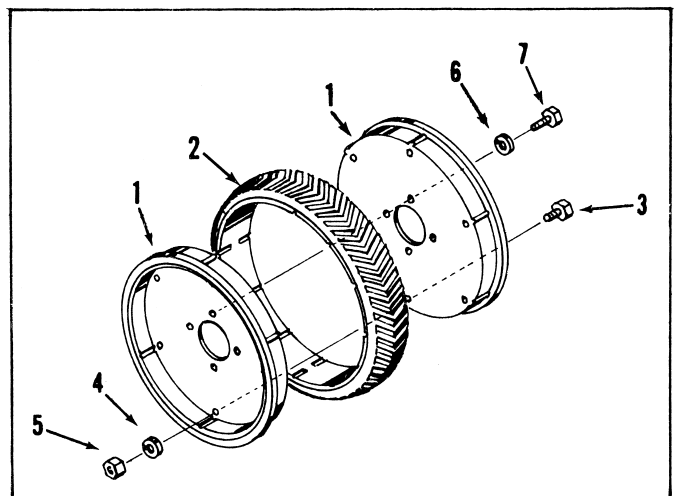
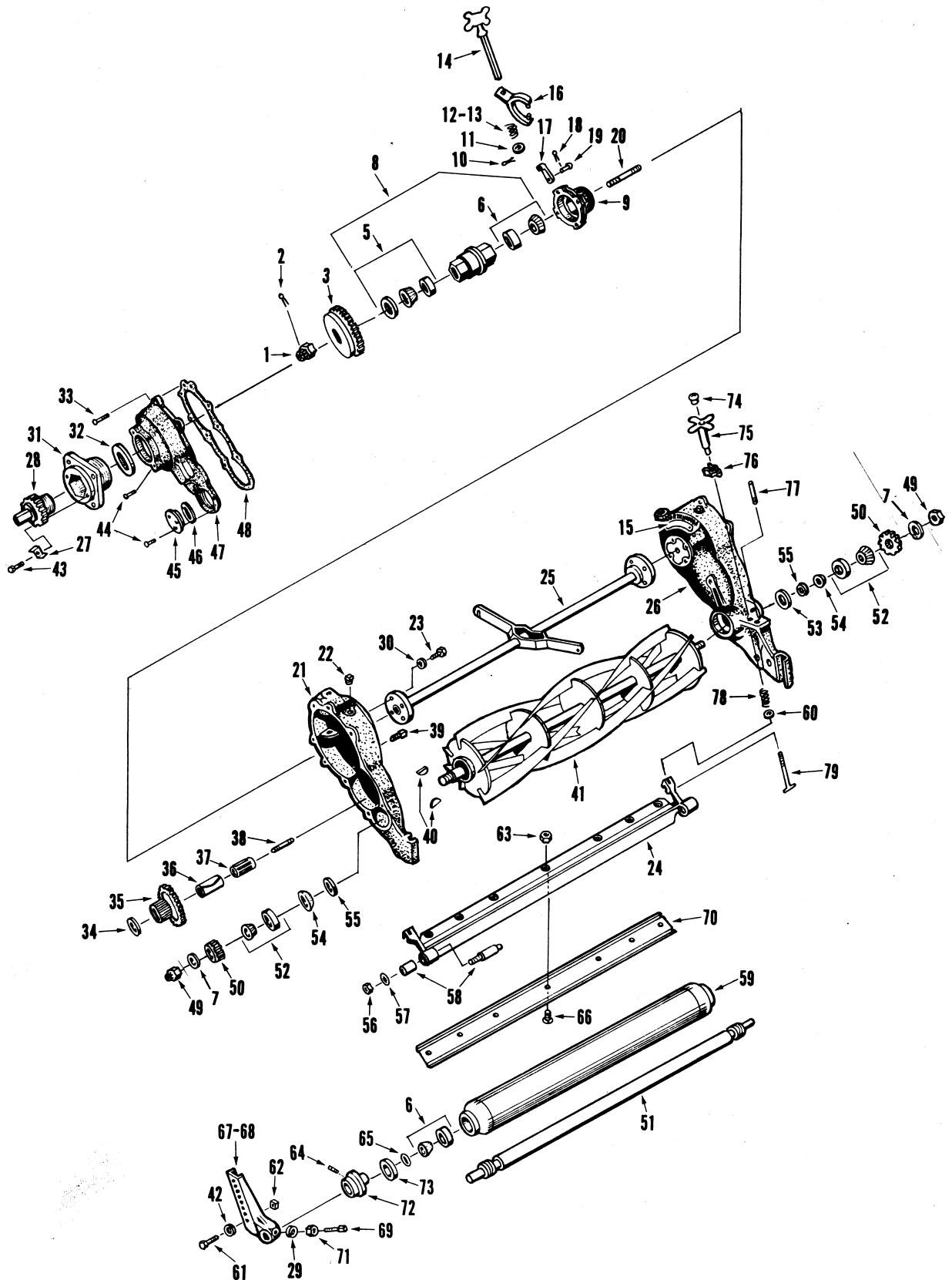


ILLUSTRATION 2

FAIRWAY MOWER



PARTS LIST-ILLUSTRATION 2

Ref. No.	Part No.	Quan.	Description
1	445686	2	Nut, 3/4-16 Castle
2	460028	2	Pin, 1/8 x 1/2 Cotter
3	203976	2	Gear, Main
5	500533	2	Roller Bearing Assembly, Cup, Cone & Ring
6	500534	4	Roller Bearing Assembly, Cup & Cone
7	453022	2	Washer, 3/4 SAE
8	500236	2	Cylinder, Wheel (Incl. 1 ea. Ref. 5 & 6)
9	203975	2	Wheel, Pawl
10	460026	2	Pin, 1/8 x 3/4 Cotter
11	315861	2	Washer
12	316766	1	Spring, LH Handle Release
13	316765	1	Spring, RH Handle Release (Not Illus)
14	153215	2	Release, Handle
15		1	Plate, Serial No. (Ref. Only)
16	203968	2	Fork, Release
17	204871	8	Pawl
18	460012	8	Pin, 3/22 x 5/8 Cotter
19	315867	8	Pin, Pawl
20	545515	2	Stud, Ground Wheel
21	154499	1	Housing, Gear, LH (Incl 1 ea Ref 20, 38, 77)
22	472205	2	Plug, 3/8, Sq Hd Filler
23	400406	8	Screw, 1/2-13 x 1-1/4 Hex Hd Cap
24	130304	1	Backing, Bedknife
25	108096	1	Axle, Main
26	154500	1	Housing, Gear, RH (Incl 1 ea Ref 20, 38, 77)
27	327676	2	Tab, Locking
28	204119	2	Cap, Hub
29	446154	2	Lockwasher, 1/2 Hvy
30	446152	8	Lockwasher, 1/2 Med
31	203984	2	Hub, Ground Wheel
32	315967	2	Seal, Cover
33	407706	18	Screw, 1/4-20 x 7/8 Phil Hd
34	302295	2	Washer
35	331834	2	Gear, Intermediate
36	315978	2	Sleeve, Roller Brg
37	315977	2	Bearing, Roller
38	315851	2	Stud, Intermediate
39	472203	2	Plug, 1/4 Sq Hd Level
40	315877	4	Key, Pinion
41	502671	1	Reel, 6 Blade, std.
	502676		Reel, 5 Blade, Optional
	502675		Reel, 10 Blade, Optional
42	446142	2	Lockwasher, 3/8 Hvy
43	400106	2	Screw, 1/4-20 x 5/8 Hex Hd Cap
44	408052	10	Screw, 12-24 x 1/2, Binding Hd

Ref. No.	Part No.	Quan.	Description
45	352635	2	Cap, Cover
46	315876	2	Gasket
47	203986	2	Housing Cover
48	315928	2	Gasket, Cover
49	444746	2	Nut, 3/4-16 Hex Gripco Center Loc
50	315843	2	Pinion, Reel
51	328058	1	Shaft, Roller
52	500711	2	Bearing, Cup & Cone
53	315910	1	Spacer, RH side Only
54	315872	2	Seal
55	315873	2	Washer, Seal
56	443828	2	Nut, 5/8-18 Hex
57	447224	2	Washer, 5/8
58	500264	2	Bushing and Stud - Bed Knife Backing
59	113898	1	Tube, w /End, Roller
60	352435	2	Spacer
61	400266	2	Screw, 3/8-16 x 1-1/2 Hex Hd Cap
62	444510	2	Nut, 3/8-16 Sq
63	445684	7	Nut, 3/8-24 Marsden Hex
64	412063	2	Screw, 1/2-13 x 5/8 Sq Hd Set Cup Pt
65	459007	2	Ring, "O"
66	402698	7	Screw, 3/8-24 x 3/4 Flat Hd
67	500763	1	Bracket, Roller LH
68	500764	1	Bracket, Roller RH (Not Illustrated)
69	412003	2	Screw, 1/2-13 x 1-1/2 Sq Hd Cup Pt Set
70	325163	1	Bed-Knife, Optional
	315834	1	Bed-Knife, Double Edge, Std.
71	443818	2	Nut, 1/2-13 Hex Jam
72	500574	2	Collar, Roller End (Incl. Ref. 64)
73	328062	2	Seal
74	344708	2	Plug
75	500548	2	Handle, Adjusting (Incl 1 of Ref. 74)
76	315964	2	Spring, Friction
77	461406	2	Pin, Roll
78	315966	2	Spring Compression
79	315965	2	Screw, Adjusting
80	113897	1	Roller, Complete (Incl. Ref No. 6(2), 51, 59, 64, 65, 72, 73)
	500701	1	Roller, Rubber, Complete, Optional (Not Illus)
81	71009	1	Scraper Accessory, Roller, Optional (Not Illus)

ALWAYS GIVE SERIAL NUMBER WHEN ORDERING PARTS.

HOW TO ORDER REPAIR PARTS

To eliminate error and speed delivery:

1. Write your NAME and ADDRESS on your order plainly.
2. Explain WHERE and HOW to make shipment.
3. Give PRODUCT NUMBER, NAME, and SERIAL NUMBER that is stamped on the NAME PLATE or SERIAL PLATE of your product.
4. Order by QUANTITY DESIRED, the PART NUMBER, and the DESCRIPTION OF PART.
5. Send your order to or visit your nearest AUTHORIZED JACOBSEN DISTRIBUTOR.
6. INSPECT ALL SHIPMENTS ON RECEIPT. If any parts are damaged or missing, file a claim with the carrier before accepting.
7. Do not return material to your AUTHORIZED JACOBSEN DISTRIBUTOR without a letter of explanation. Make a list of all returned parts, show your name and address, and include it with the shipment. TRANSPORTATION CHARGES MUST BE PREPAID.

JACOBSEN **TEXTRON**