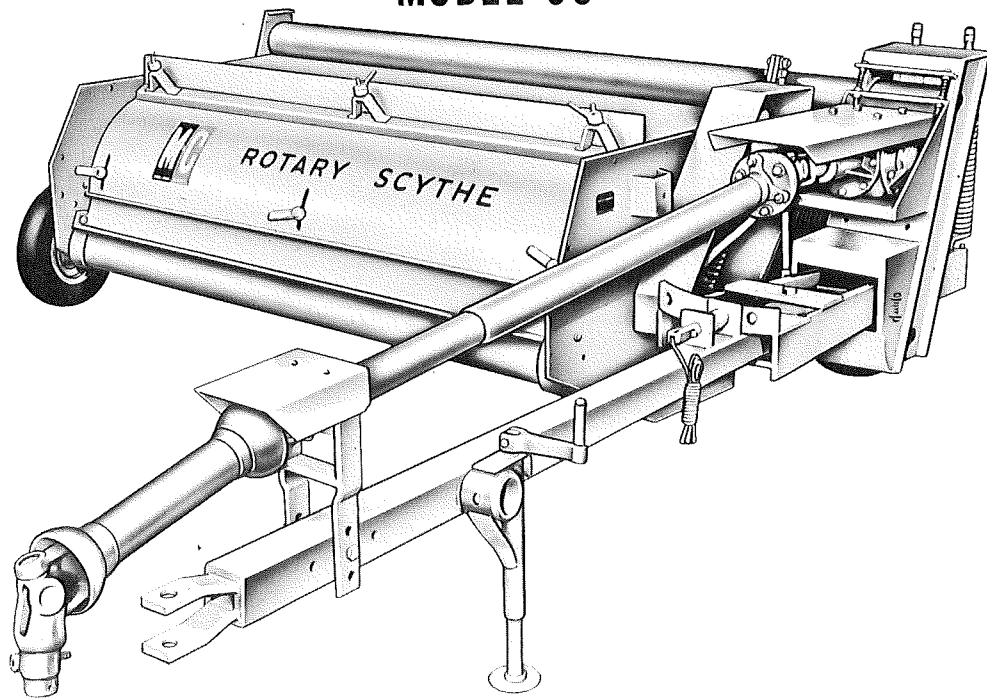


ROTARY SCYTHER

ASSEMBLY-OPERATION AND MAINTENANCE INSTRUCTIONS

MODEL 7C
MODEL 9C

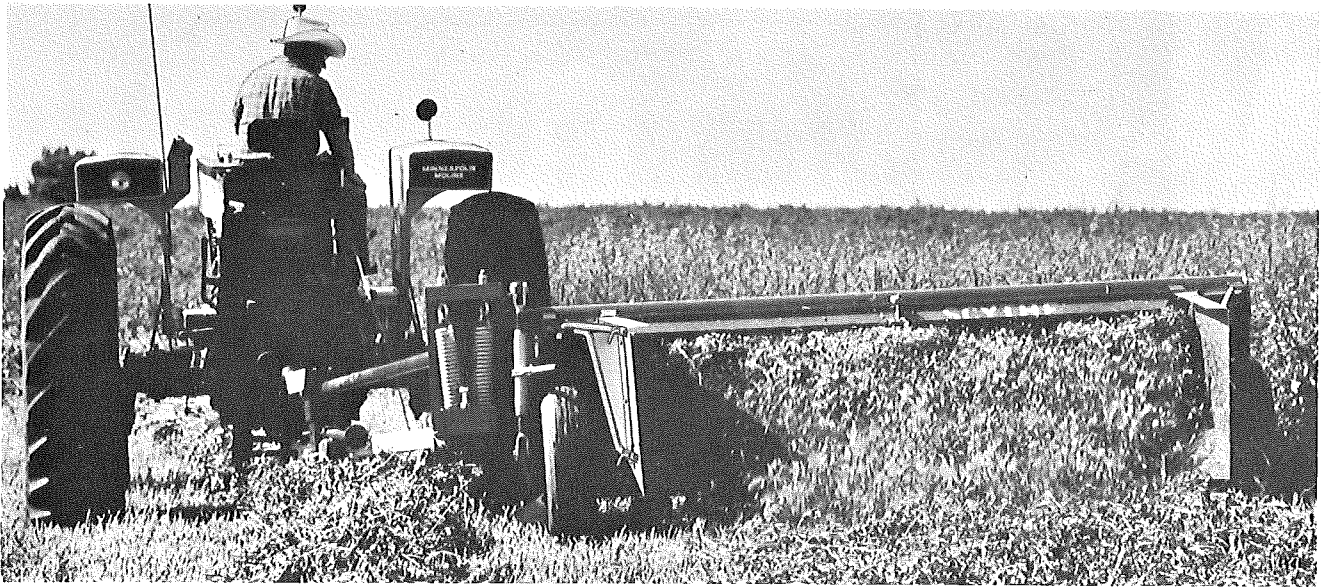


RS68

MANUFACTURED UNDER PATENTS NOS. 2999346, 3035393, 3159957 AND 3159959, OTHER PATENTS PENDING.

MATHEWS COMPANY • CRYSTAL LAKE, ILLINOIS, 60014 • U. S. A.

CHECK PACKAGES AND BUNDLES TO MAKE SURE THAT THEY CORRESPOND WITH YOUR SHIPPING DOCUMENTS. MAKE CLAIMS FOR SHORTAGES IMMEDIATELY.



Your M-C Rotary Scythe was completely factory assembled prior to shipment to insure proper alignment and operation of all working parts. However, certain components were removed before actual shipment of the machine and will have to be reassembled by the customer.

The mechanical ratcheting jack is the first item to be mounted using the two pins provided in jack, see Figure 7-Point D. Raise jack to tightest position. Now, the two wheels can be mounted. The rear of machine may have to be slightly raised for mounting of wheels.

Floating frame must be raised up to allow pole to be mounted. The under side of pole adjusting plate should be greased before pole is mounted. Figure 1, Arrow No. 1. Pole can now be mounted with jack in the up position. Locate hole and use 3/4-10 x 5-1/2" Hex Head Cap Screw and double nut, Figure 1, Arrow No. 2. Jack can now be lowered to steady machine. Remove the bolt on female end of long power shaft and slide the power shaft onto gear box input shaft. Figure 1, Arrow No. 3. Lock power shaft in place with previously mentioned bolt. Attach the PTO "H" yoke to pole with a 5/8-11 x 6 lg. bolt and double nut, allowing the "H" yoke to move easily back and forth. Assemble tractor take-apart to the splined end of long power shaft. Tighten securely into place using fasteners provided. Bolt U joint shield to top of "H" yoke, insert shim between bearing and shield using 5/16-18 x 1 hex head bolt flat washers and lock washers. See Illustration on page 8.

The rear baffles can be assembled now including baffle No. 71, the hinge plate weld No. 118, guide mount No. 119, and adjusting rod weld No. 68. See assembly illustration on page 8 for assembly of windrow baffle assembly left. The right assembly is basically the same.

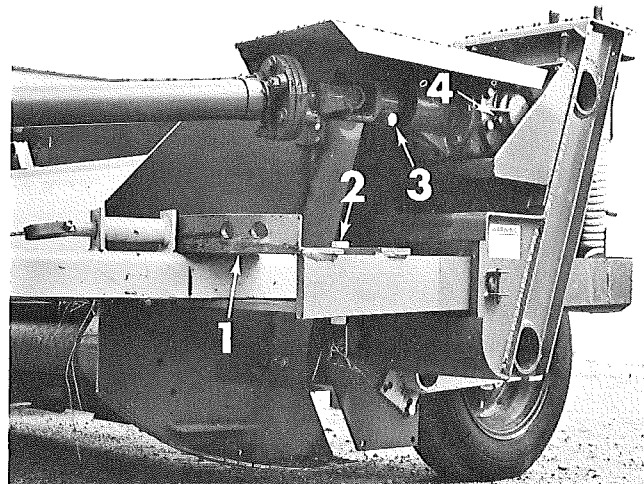
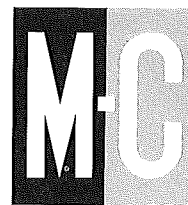


FIGURE 1.



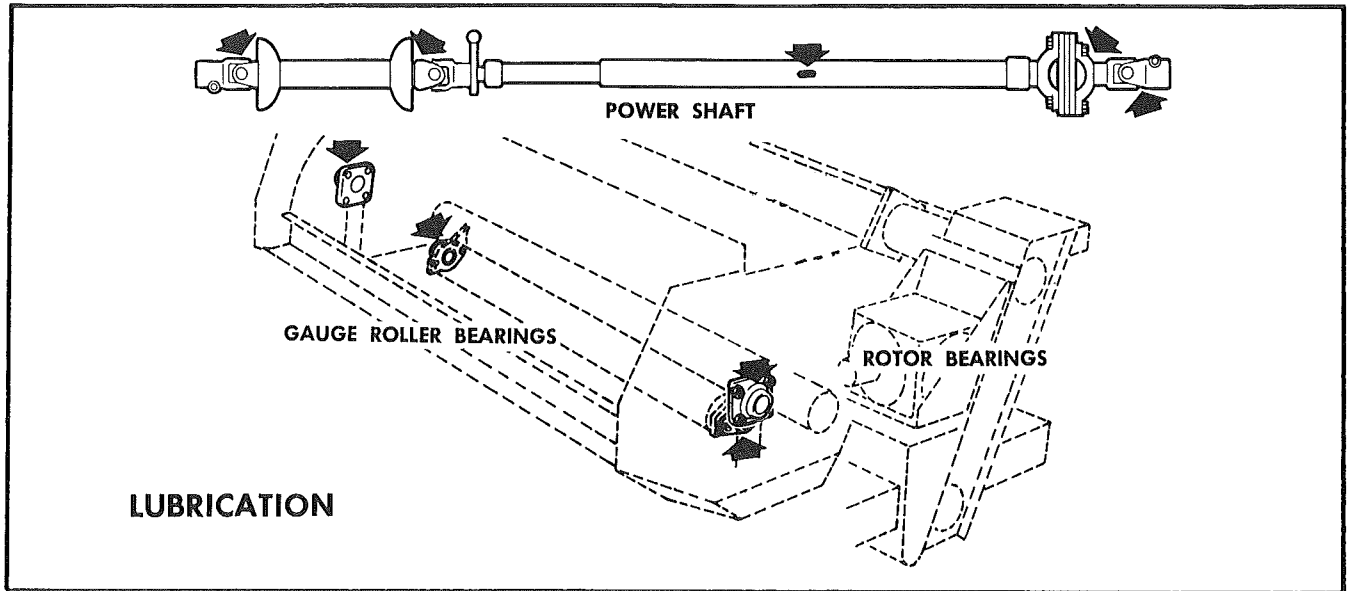


FIGURE 2.

LUBRICATION

Check oil level in gear box. Use No. 140 oil. Oil level should be up to oil level plug, see Figure 1, Arrow No. 4 at side of gear box. Chain oiler should be filled with a light engine oil to within 1/8" of top of cup. Be sure oiler is positioned so that oil will drip between the double row of sprocket teeth, see Figure 11, Arrow No. A. Above il-

lustration shows points to lubricate with grease gun. All points should be lubricated once a day if machine is getting constant use. Use grease sparingly, and just enough to do the job. When you put the machine away at the end of the season fill the bearing with grease to eliminate any cavities where condensation may occur.

READ OPERATING AND MAINTENANCE INSTRUCTIONS CAREFULLY.

OPERATING INSTRUCTIONS

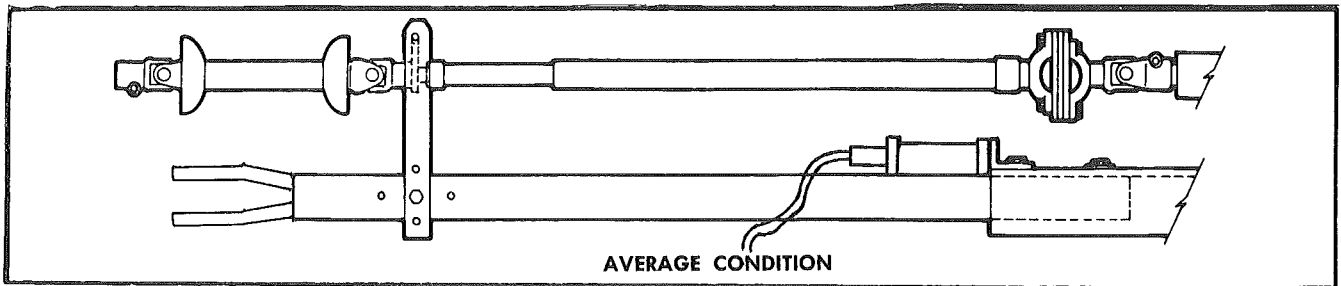


FIGURE 3

THE POWER TAKEOFF SHAFT should run as level as possible. There are adjustment holes in the "H" bracket for vertical adjustment and also front to back adjustments in the pole.

- **FREE TURNING FRONT ROLLER (A)** rolls crop into machine with minimum friction. **ADJUSTABLE COVER (D)** may be set to handle any crop or mowing/conditioning requirement. **GAUGE ROLLER (E)** eliminates scalping in rough and uneven hay fields.
- **HEAVY TUBULAR STEEL ROTOR (C)** is full 6-5/8" diameter. Can't bend or get out of balance; has 1-15/16" shaft turning on self-aligning ball bearings.
- **HEAT TREATED ALLOY STEEL BLADES (B)** are extra-wide and overlap to mow all the crop without stripping. Easily sharpened by opening front cover.

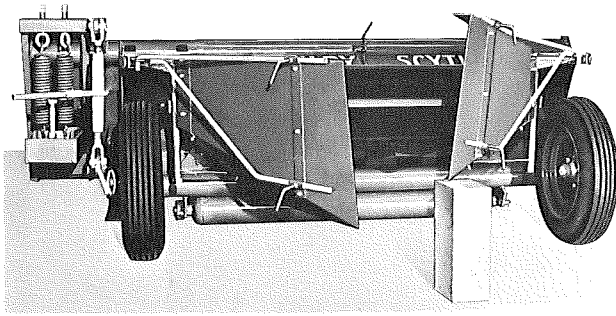


FIGURE 4

HINGED ADJUSTABLE WINDROW WINGS are hinged horizontally and vertically. Horizontal hinge on each wing permits wing to raise over obstacles without damage to the wings. Vertical hinges lets you adjust the width of the windrow from 18" to full swath.

GAUGE ROLLER

The gauge roller is standard on the 7C and 9C Rotary Scythe. This roller prevents the knives from scalping the ground.

The Gauge Roller is not designed to carry the full weight of the machine so some caution should be observed when operating on rough ground. Do not let the wheels of the scythe drop in gullies or holes and expect the roller to carry the whole weight of the machine for any great length of time.

Lubricate bearings on Gauge Roller once a day and check to see that attaching bolts are tight.

FRONT MOUNTED GAUGE WHEEL helps raise the machine up and over banks, dead furrows and rough ground. This is standard on 9C, optional on 7C.

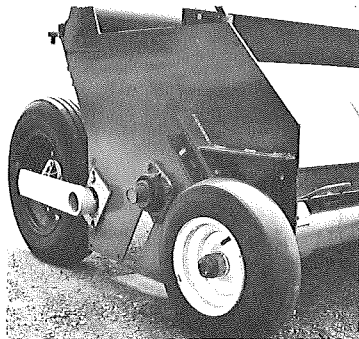


FIGURE 5

POLE ADJUSTMENT

Point "A" Figure 7. Both Inner and Outer Floating Frame should rest on Point "A" when machine is level. To adjust pole to draw bar height, adjusting screw Point "B" Figure 7 to be turned until pole lines up. Tighten lock nut to hold position.



FIGURE 6

For Model 7C - 9C Rotary Scythe a wide front wheel tractor is desirable because the wheels will straddle the hay cut on the previous round. This will allow the hay to remain fluffy for fast drying.

FLOATING FRAME SPRING TENSION

The two large springs at the rear of the "Floating Frame" Point "C" Figure 7, greatly increase the performance of your Rotary Scythe. When properly adjusted, they will cause your scythe to respond more quickly to irregularities in the ground. This feature helps to eliminate scalping, and makes the machine easier to handle. If the tension in these springs is too much, the scythe will rock up and down when in operation. Reduce the spring tension enough to avoid this rocking motion. (Fig. 7.)

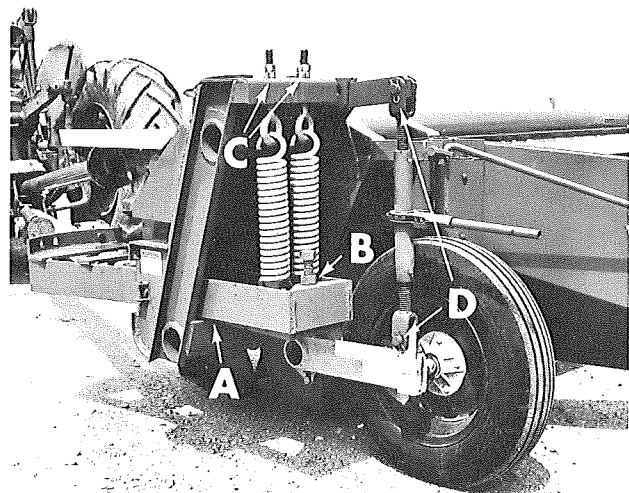


FIGURE 7.

ADJUSTMENT—FRONT ROLLER AND FRONT COVER FOR MOWING HAY

In medium to heavy hay crops, the front roller should be set in either of the two uppermost positions. This adjustment is made at the bolt holes at each side of the machine (Fig. 8, letter A). In a light, short crop, the roller should be lowered to hole locations (Fig. 8, letter B). When moving roller down, it also moves in closer to the Scythe blades and accomplishes two things. First it gives better control of the hay going between the blades and roller, and as the roller moves inward, it holds the heads of the short plants away from the blades while the stems are being cut. Much can be accomplished by making these adjustments. If you want a lot of crimping action for quicker drying, moving the roller down on a heavy crop will accomplish this—however, some may complain about excessive leaf loss. Before you move the roller down, the clamping handles (Fig. 8, letter C), holding the upper and lower sections of the front cover together, must be loosened. **THE FRONT ROLLER SHOULD ALWAYS TURN FREELY.** The roller with its turning action reduces friction of the hay going through the machine and is the prime factor allowing this mowing principle to function without excessive leaf loss. The right combination of roller setting, tractor RPM and forward speed will accomplish excellent results in all types of hay.

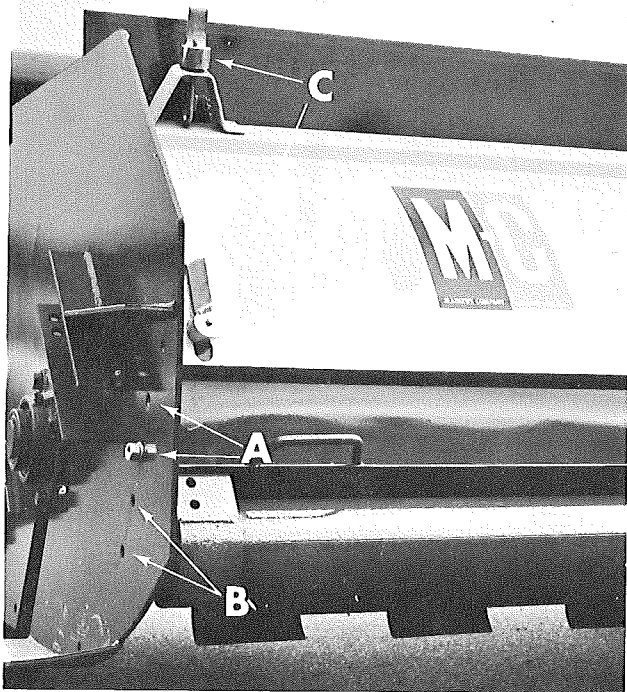


FIGURE 8

CUTTING HEIGHT ADJUSTMENT

Cutting Height Adjustment is made by cranking mechanical ram furnished on machine, or by using a hydraulic cylinder such as used on a plow. Skid shoes on the sides of machine should operate about one inch above the ground. If your field is rocky, the machine should be adjusted higher. A hydraulic cylinder is desirable in rocky fields, especially if you see a rock you can raise the machine up and over. It is best, however, to stop and pick up the rocks.

TRACTOR GROUND SPEED AND POWER TAKE-OFF SPEED

Operating with a power take-off speed of 540 RPM and with a ground speed of from three to six miles an hour, you can mow heavy crops of hay provided you have power available. The Model 9C Scythe requires 45 to 65 horsepower; and Model 7C requires 40 to 50 horsepower. Horsepower requirements vary with the weight of crop and the type of crop being mowed. With crops weighing one and one-half to two tons per acre (dry weight), horsepower will be the lower figure shown. Horsepower is reduced by traveling at a slower forward speed. If you get into light crop and find you are getting too much leaf loss, reduce your throttle and try faster forward speeds. The right combination of power take-off speed and ground speed will produce good results.

BREAKING IN PERIOD

It takes approximately 10 to 15 acres of mowing to get the inside of the machine and the blades polished to get the best performance. As the machine works in, performance will get better. After machine has been operated a few hours, check all nuts and bolts to make sure they are tight. Open front cover and check knife bolts—also knife pin rod end bolts to be sure they are tight.



FIGURE 9

SHARPENING SCYTHE BLADES

There are two ways to sharpen the scythe blades—you can remove them and sharpen them on a bench grinder or you can sharpen them right in the machine with a portable electric grinder. Picture shows front cover open with operator sharpening the blades. When you sharpen scythe blades, try to maintain original angle of cutting edge as close as possible.

SAFETY SHEAR PIN DEVICE

All Scythes are equipped with safety shear bolts which fasten the drive sprocket to a flange on the gear box output shaft. These shear pins are to protect the gear box and drive chain from damage. They will snap if you let out your clutch on the tractor too fast or if the machine is submitted to severe impact from an unseen object in your line of travel.

DO NOT USE HARDENED BOLTS FOR SHEAR PINS.

CUTTER BAR ATTACHMENT FOR STALK SHREDDING

In place of the Front Roller we have a Cutter Bar Attachment available for all models. This attachment consists of an "L" shaped section which replaces the front roller assembly and a steel cutter bar that fastens to the bottom with adjustment for setting close to the knives in their path of travel. When using the Cutter Bar the material is cut off at the ground level and that which overhangs the knife is again cut between the blades and the adjustable bar. This Cutter Bar was made at the request of farmers who wanted to shred stalks finer and it is doing a very acceptable job.

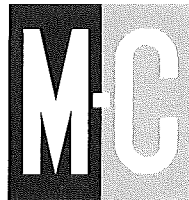
Cutter Bar Attachment Kit for Model 9C No. 0939019.
Cutter Bar Attachment Kit for Model 7C No. 0939022.

MAINTENANCE OF CHAIN DRIVE AND SPROCKET

The sprockets must be lined up so that the chain runs perfectly straight on the sprockets. If chain runs extremely hot, this means the sprockets are not in line and the chain is dragging on the side of one of the sprockets. When your chain becomes excessively worn, it will then cause excessive wear on the sprockets. Be sure the sprockets are in line and set screws are tight. This is your best assurance of good service. Keep Chain Oiler reservoir filled (See lubrication instructions). Chain can be adjusted by using the two bolts at point C, Figure 11. Chain should be adjusted per instruction decal on chain guard. After chain is set, bolt B, Figure 11, should be adjusted to rest on base of end frame. Caution: Excessive tension on this bolt will misalign the sprockets. This bolt is for support only of gear box.

MAINTENANCE OF SCYTHE BLADES

The machine is designed for easy inspection of the Scythe blades and rotor. To make this inspection, loosen "J" bolts and swing Front Cover out from top and down to ground exposing the inside of the machine. The scythe blades will last a long time with only occasional sharpening. It is important to check the blades occasionally to get good mowing action. The blades are eccentrically pivoted to the rotor shaft so that when they cut into the stem of the plant they swing back slightly causing an extended arc of cutting, thereby giving a smoother cut. The plants are carried up through the machine butts first, and then released from blades by centrifugal force. The momentum carries the knife forward for the next cut. It is therefore important that the knives swing freely. Check these occasionally. The blades should swing on the hanger pin. When you remove and replace the blades to the hanger, make sure the whole blade assembly swings free. Be sure to re-tighten all bolts.



TEDDING OR RECONDITIONING HAY

The scythe works well to pick up mowed hay that has been flattened with a heavy rain. Also in periods of very high humidity or where ground is extremely damp, you can speed up the drying of the hay by picking it up and fluffing it. Run back over the hay using a reduced throttle on your tractor with a good forward speed, and you will get surprising results. The hay will dry much faster and be better than if you were to turn it over with a rake.

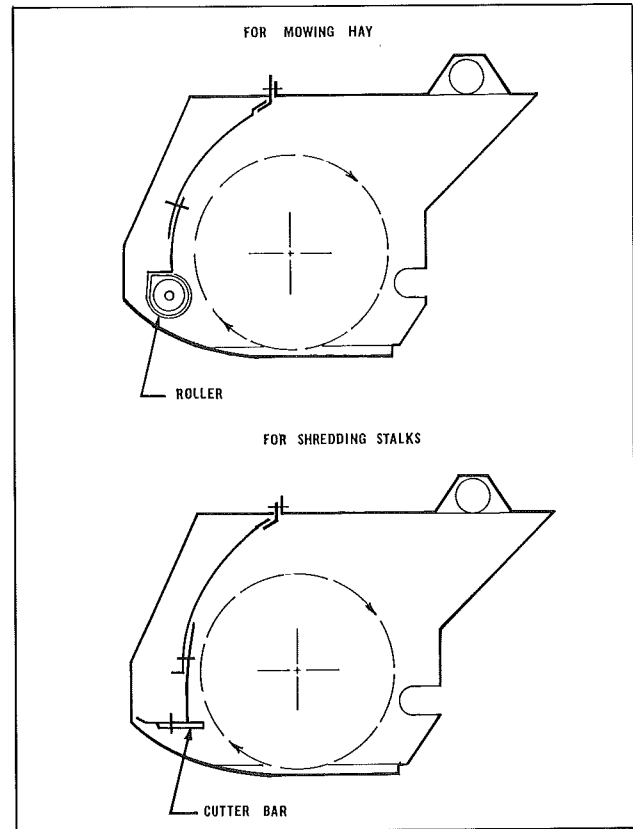


FIGURE 10

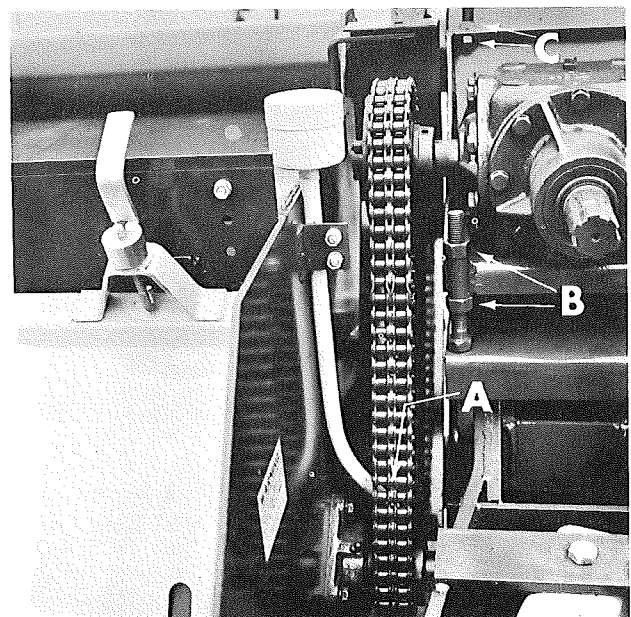


FIGURE 11

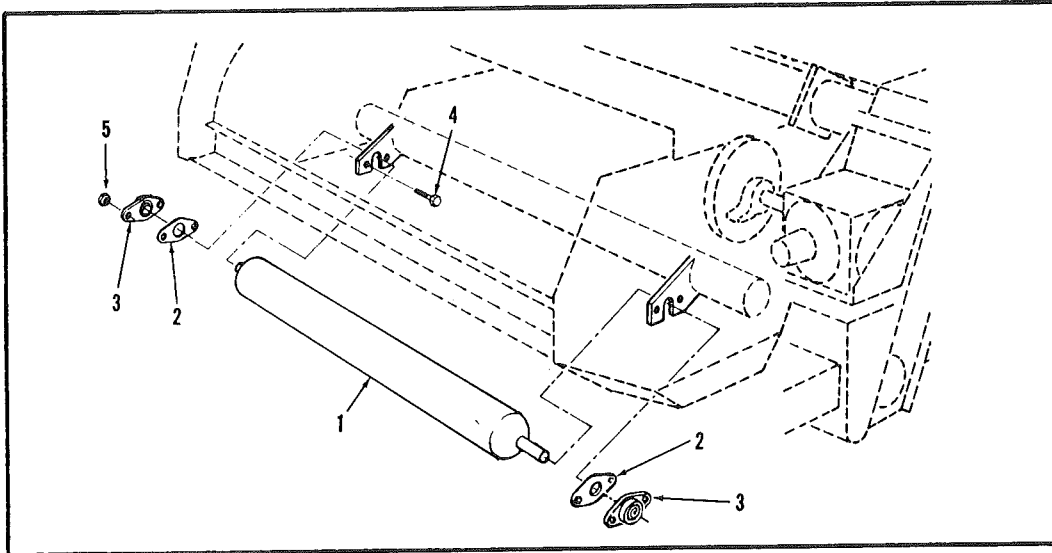


FIGURE 13.
GAUGE ROLLER

REF. NO.	PART	DESCRIPTION	REF. NO.	PART	DESCRIPTION
1.	0910100	Gauge Roller Weldment	3.	0006001	2-Bolt Flange Bearing
2.	0914454	Bearing Shim Shield	4.	7/16-20 x 1-1/2" lg. Hex Head Cap Screw	
			5.	0018169	Lock Nut, 7/16-20

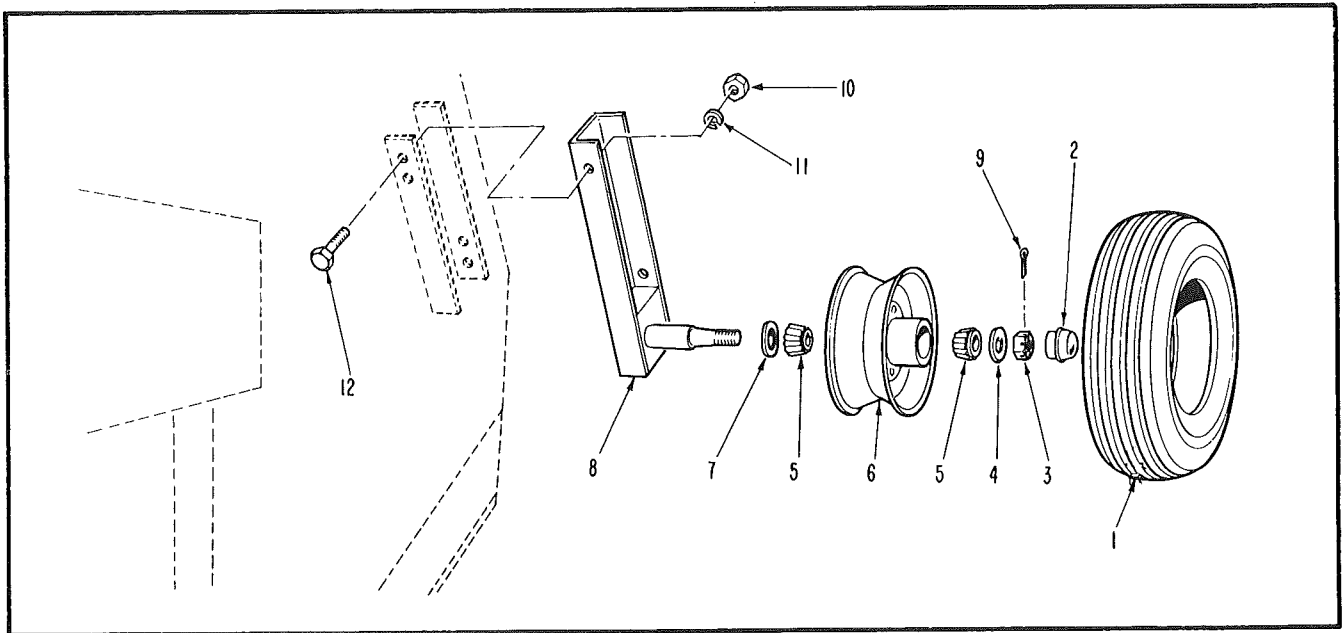
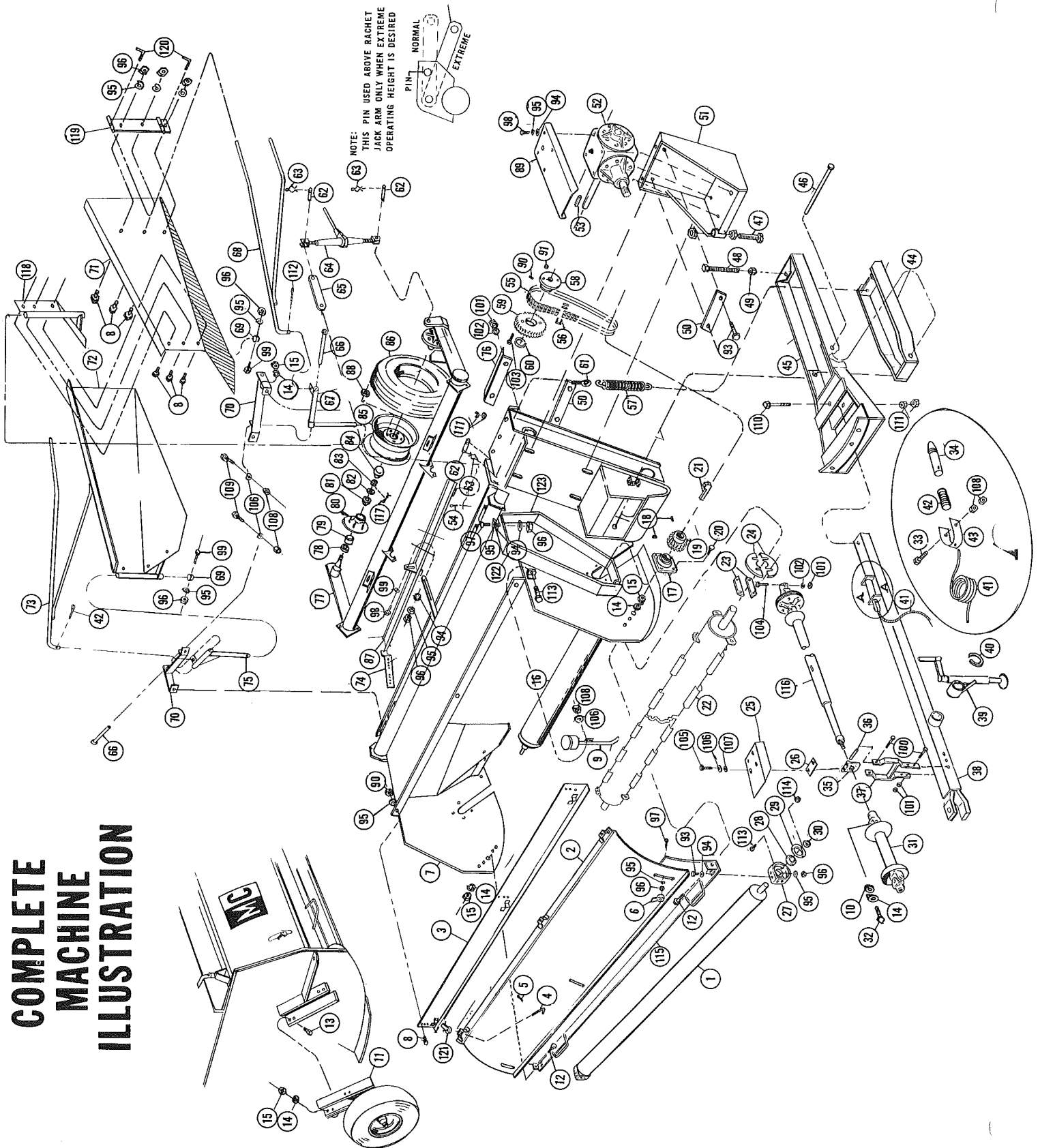


FIGURE 14.
GAUGE WHEEL KIT—STANDARD MODEL 9C OPTIONAL 7C
0901001

REF. NO.	PART	DESCRIPTION	REF. NO.	PART	DESCRIPTION
1	0928994	Tire and Tube 4.00 x 8" Smooth Impl.	7	0928991	Wheel Seal
2	0928992	Wheel Hub Caps	8	0900018	Gauge Wheel Mount Weld.
3	0928990	Wheel Spindle Nut	9	1/8" x 1-3/4" Cotter Pin	
4		1" Flat Washer	10	1/2-13 Hex Nut	
5	0928993	Bearing Cone, Gauge Wheel	11	1/2" Lock Washer	
6	0928995	Wheel 8", w/non Demountable Hub	12	1/2-13 x 1-1/4" Hex Head Cap Screw	

COMPLETE MACHINE ILLUSTRATION



REF. NO.	PART	DESCRIPTION
1	0910133	Front Roller Weld, 9C
2	0910128	Front Roller Weld, 7C
3	0910154	Upper Front Cover Weld, 9C
4	0910180	Upper Front Cover Weld, 7C
5	0910138	Upper Front Cover Retainer Weld, 9C
6	0910181	Upper Front Cover Retainer Weld, 7C
7	0018132	1/8" Bolt 3/8-16 x 4" Lg.
8	0010014	1/8 x 3/4 Cotter Pin
9	0910155	Clamping Handle Weld.
10	0910155	Body Weld, 9C
11	0910177	3/8-16 x 3/4 H.H.C.S.
12	0911035	Oiler Assembly.
13		Consisting of:
14		Oiler Weld. - 0910157
15		Oiler Wicking - 0915700
16		Oiler Cap - 0017982
17		1/2" Flat Washer
18	0910001	Gauge Wheel Assembly
19	0018163	Special Shoulder Bolt 1/2-13 x 1-1/4 Lg.
20		1/2-13 x 1-1/4 H.H.C.S.
21		1/2 Lock Washer
22		1/2-13 H.H.C.S.
23	0910100	Gauge Roller Weld.
24	0016010	4 Bolt Flange Bearing 1-15/16"
25		3/8-16 x 1/2 Lg. Socket Head Set Screw
26	0916403	Sprocket RC60-2, 171 x 1-15/16" Bore
27		1/2-13 x 1-3/4 H.H.C.S.
28	0018987	Gib Head Key 1/2 x 2-1/4" Lg.
29	0910140	Rotor Weld, 9C
30	0010005	Rotor Weld, 7C
31	0015175	Stud Anchor
32	0014652	Rotor Anti-Wrap Device
33	0914783	"H" Joint Shield
34	0913569	PTO Shield Shim
35	0910098	Front Roller Hanger Weld.
36	0016003	1-1/4" Bearing Stamping
37	0016004	1-1/4" Bearing Stamping
38	0016002	1-1/4" Eccentric Lock Collar
39		(27-28-29-30) Also Sold As Front Roller Hanger Assembly 0911C
40	0916607	PTO Tractor Take-Apart
41		1/2-20 x 2" H.H.C.S.
42	0910110	Spring Pin Weld, "H" Yoke
43	0916003	Hanger Bearing "H" Yoke
44	0915593	PTO Bearing Sleeve
45	0910020	Bearing "H" Yoke Weld.
46	0910143	Pole Weld, 7C - 9C
47	0911028	Jack Assembly
48	0918131	3" Snap Ring (Shipped on Pole)
49	0915704	Pole Pin Rope 132" Lg.
50	0918254	Compression Spring 5" Lg.
51	0913396	Spring Pin Yoke
52	0910136	Inner Floating Frame
53	0910135	Inner Floating Frame
54	0910074	Flange Pin Weld.
55		3/4-10 x 6 Full Thread H.H.C.S.
56		1"-8 x 8" Lg. H.H.C.S.
57	0913405	Gear Box Slide Hold Down
58	0910156	Gear Box Mount Weld.
59	0916604	Gear Box
60	0015139	Key 3/8 x 3/8 x 3" Lg.
61	0916301	1/8" x 1 Cotter Pin
62		Chain RC60-2 x 52-1/2" Lg. Inc. Spring
63	0026303	Clip Connecting Link
64	0918255	Extensio Spring 14" x 9/16 Wire
65	0017651	Sprocket Shear Flange
66	0016401	Shear Sprocket
67	0018100	Snap Ring 3" I.D.
68	0918190	Eye Bolt 3/4-10 x 4-1/2
69	0028254	Pin - Ratchet Jack
70	0028253	Wire Spring Clip - Ratchet Jack Pin
71	0018985	Ratchet Jack Assembly
72	0913718	Ratchet Jack Arm
73	0910165	Windrow Hinge Pin Weld.
74	0910170	Hinge Rod Weld, Left
75	0910167	Adj. Rod Left Windrow Baffle 9C
76	0910184	Adj. Rod Left Windrow Baffle 7C

REF. NO.	PART	DESCRIPTION
69	0915444	Collar, Windrow Baffle Rod
70	0910168	Hinge Bracket Weld.
71	0911031	Left Windrow Baffle Assy, 9C
		Consisting of:
		Left Windrow Baffle - 0914764
		Hinge Plate Weld, Lt. - 0910153
		Guide Mount Weld. - 0910164
		Clamp Windrow Baffle - 0915004
71	0911041	Left Windrow Baffle Assy, 7C
		Consisting of:
		Left Windrow Baffle - 0914761
		Hinge Plate Weld, Lt. - 0910153
		Guide Mount Weld. - 0910164
		Clamp Windrow Baffle - 0915004
72	0911030	Right Windrow Baffle Assy, 9C
		Consisting of:
		Right Windrow Baffle - 0914762
		Hinge Plate Weld, Rt. - 0910152
		Guide Mount Weld. - 0910164
		Clamp Windrow Baffle - 0915004
72	0911040	Right Windrow Baffle Assy, 7C
		Consisting of:
		Right Windrow Baffle - 0914762
		Hinge Plate Weld, Rt. - 0910152
		Guide Mount Weld. - 0910164
		Clamp Windrow Baffle - 0915004
73	0910166	Adjusting Rod Rt., 9C
		Adjusting Rod Rt., 7C
74	0913545	Baffle Adjusting Bracket
75	0910169	Hinge Rod Weld, Rt.
76	0913864	Flanged Washer
77	0910161	Axle Weld, 9C
		Axle Weld, 7C
78	0018991	Wheel Seal
79	0016001	Wheel Inner Bearing
80	0018992	Wheel Hub Assy, Inc. Inner - Outer
		Bearing Cups 3/Bolt
81	0016000	Wheel Outer Bearing
82	0018254	Wheel Spindle Washer
83	0018253	Wheel Spindle Nut
84	0018996	Wheel Hub Cap
85	0018993	Wheel 15" 5 Bolt, (Kim Only)
86	0008999	Tire and Tube 15" (Implementation Recap)
87	0910131	Rear Deflector Weld, 9C
		Rear Deflector Weld, 7C
88	0910182	Wheel Lug Nut
89	0018989	Universal Joint Guard, Gear Box
90	0014876	3/8-16 x 1/2 Lg. Socket Head Set Screw
91	0018149	3/8-16 x 1-1/4 H.H.C.S.
92		3/8 Flat Washer
93		3/8 Lock Washer
94		3/8-16 Hex Nut
95		3/8-16 x 1-1/2 H.H.C.S.
96		3/8-16 x 1 H.H.C.S.
97		3/8-16 x 1-3/4 H.H.C.S.
98		3/8-16 x 6 H.H.C.S.
99		3/8-11 x 6 H.H.C.S.
100		3/8-11 Hex Nut
101		3/8 Lock Washer
102		3/8-16 x 2-1/2 H.H.C.S.
103		3/8-11 x 3 H.H.C.S.
104		5/16-18 x 1 H.H.C.S.
105		5/16 Lock Washer
106		5/16 Flat Washer
107		5/16-18 x Hex Nut
108		5/16-18 x 1-1/4 H.H.C.S.
109		3/4-10 x 5-1/2 H.H.C.S.
110		3/16 x 1-1/2 Cotter Pin
111		5/16-18 x 3/4 H.H.C.S.
112		5/16-18 Whiz Nut
113		Lower Front Cover Weld, 9C
114		Lower Front Cover Weld, 7C
115	0910172	PTO Shaft w/4 Shock Discs
116	0916600	1/8 x 1 Cotter Pin
117		Hinge Plate Weld, Lt.
118	0910153	Guide Mount Weld.
119	0910164	Clamp Windrow Baffle
120	0915004	Upper Front Cover Clamping Handle
121	0010014	Chain Guard Front
122	0914497	Chain Guard Rear
123	0914496	

PARTS LIST ● MODEL 7C - 9C

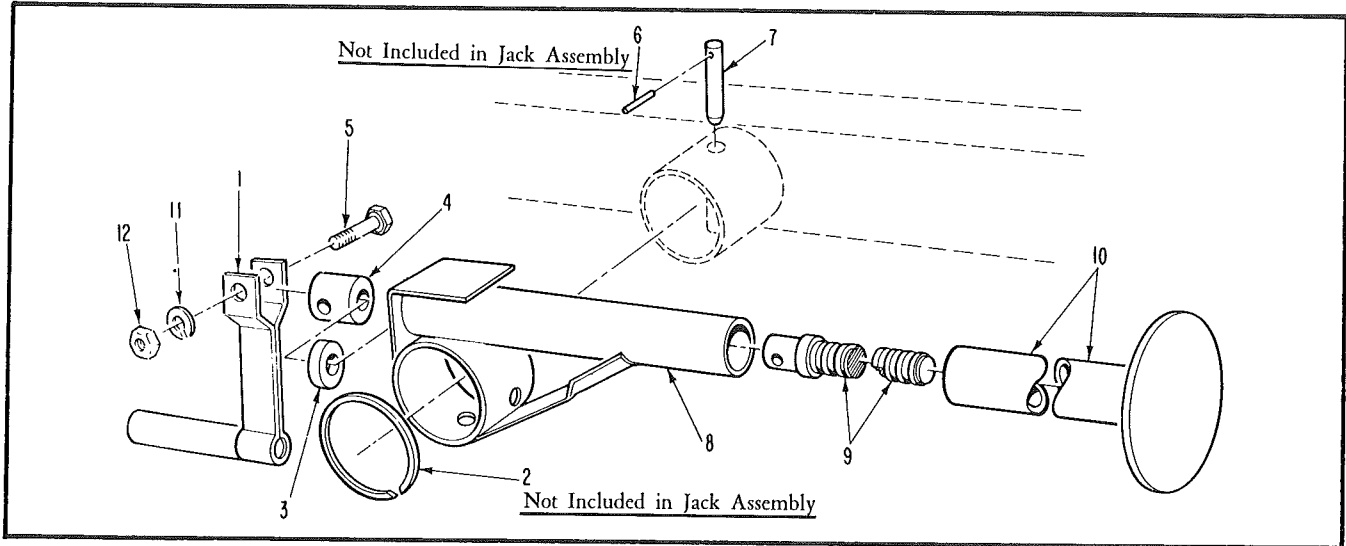


FIGURE 15.
JACK ASSEMBLY - 0911028

REF. NO.	PART	DESCRIPTION
1	0000004	Handle Weld, Ram Jack
2	0918131	External Snap Ring, 3" Shaft
3	0006000	Ram Bearing
4	0005600	Retainer Sleeve, Ram Jack
5		3/8-16 x 2" Lg. Hex Head Cap Screw
6		5/16 x 1 3/4" Lg. Roll Pin

REF. NO.	PART	DESCRIPTION
7	0015000	Jack Positioning Pin
8	0010009	Jack Fixed End Weld.
9	0910138	Jack Screw Weld.
10	0910137	Jack Floating End Weld.
11		3/8" Lock Washer
12		3/8"-16 Hex Nut

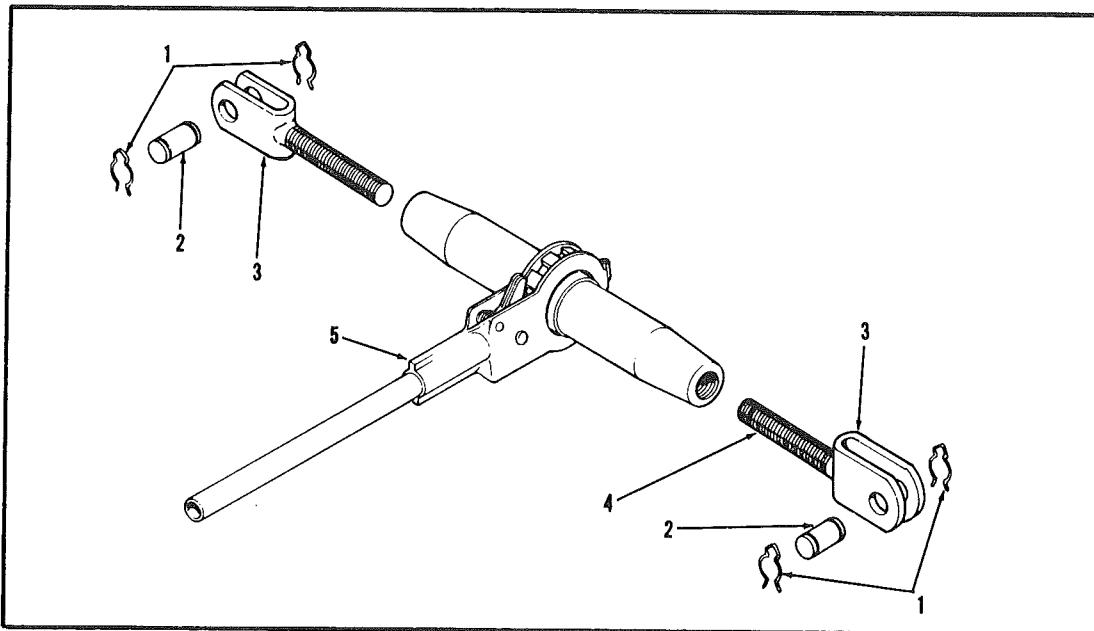


FIGURE 16.
MECHANICAL RATCHETING JACK
Part No. 0018995.

REF. NO.	PART	DESCRIPTION
1	0028253	Ratcheting Jack Pin, Clip
2	0028254	Ratcheting Jack Pin 1" dia. x 2-3/4" Lg.
3	0028255	Ratcheting Jack End Weld. L.H. Thrd.

REF. NO.	PART	DESCRIPTION
4	0028256	Ratcheting Jack End Weld. R.H. Thrd.
5	0028257	Ratcheting Jack Handle Assy.

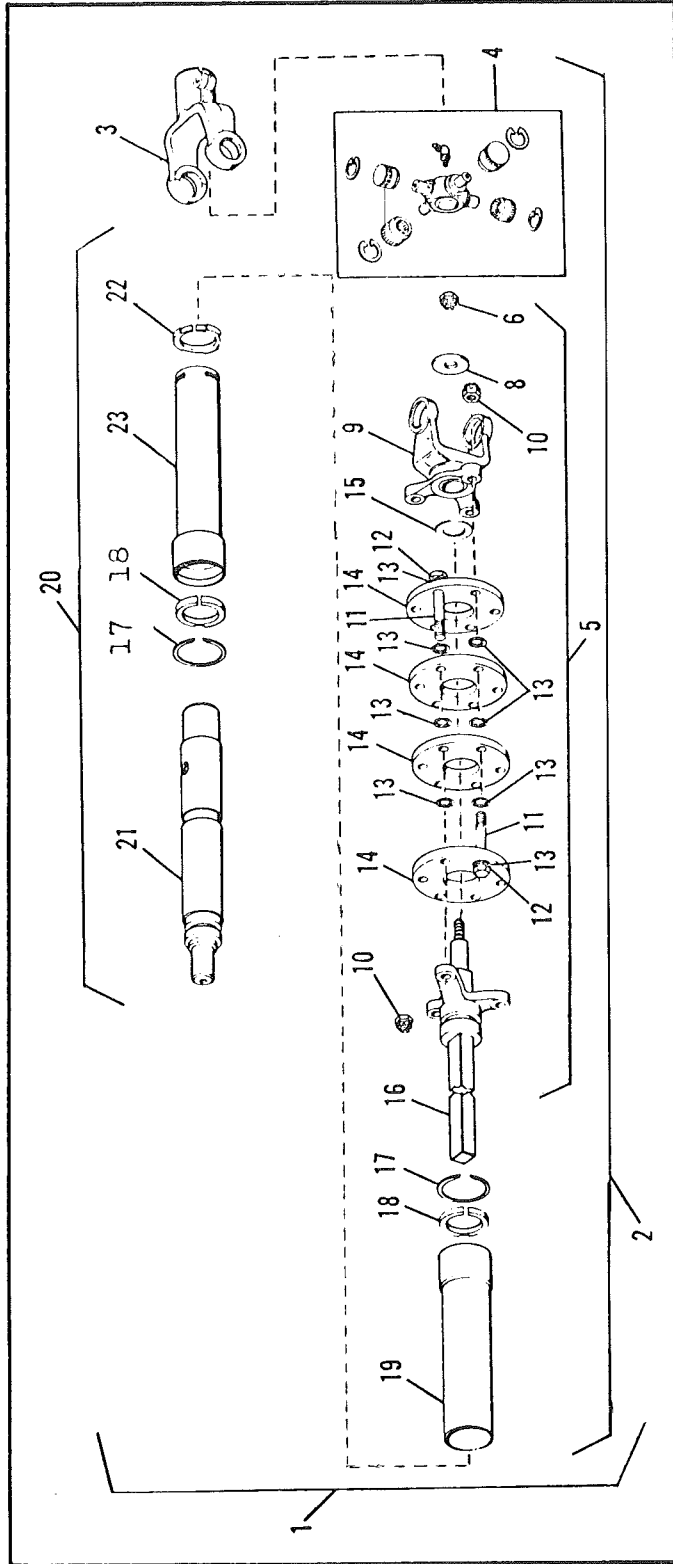


FIGURE 17.

P. T. O. SHAFT
Part No. 0916606

REF. NO.	PART	DESCRIPTION	REF. NO.	PART	DESCRIPTION
1	0916606	Main PTO Shaft (Complete)	12	0026611	Special Flat Washer
2	0026640	Rear Half Assy. Complete w/Clamp Yoke	13	0026610	Beaded Washer
3	0026641	Clamp Type Spline Yoke	14	0026609	Rubber Shock Disc
4	0026633	Universal Joint Center Parts Kit	15	0026614	Thrust Washer
5	0026642	Spider-Yoke, Male Shaft and Shock Coupling Assy	16	0026647	Spider and Shaft
6	0026650	Male Guard Tube Assy.	17	0028250	Snap Ring Bearing Retainer
7	0026643	Special Flat Washer	18	0026004	Nylon Bearing
8	0026643	Spider Yoke Assy.	19	0026646	Female Guard Tube Weld.
9	0026644	Castle Nut (1/2-20 x 3-1/8 Lg.)	20	0026648	Stub Shaft and Tube w/Nylon QDFWG
10	0026645	Cap Screw (1/2-20 x 3 1/8 Lg.)	21	0026649	Stub Shaft and Tube
11			22	0026613	Nylon Centralizer

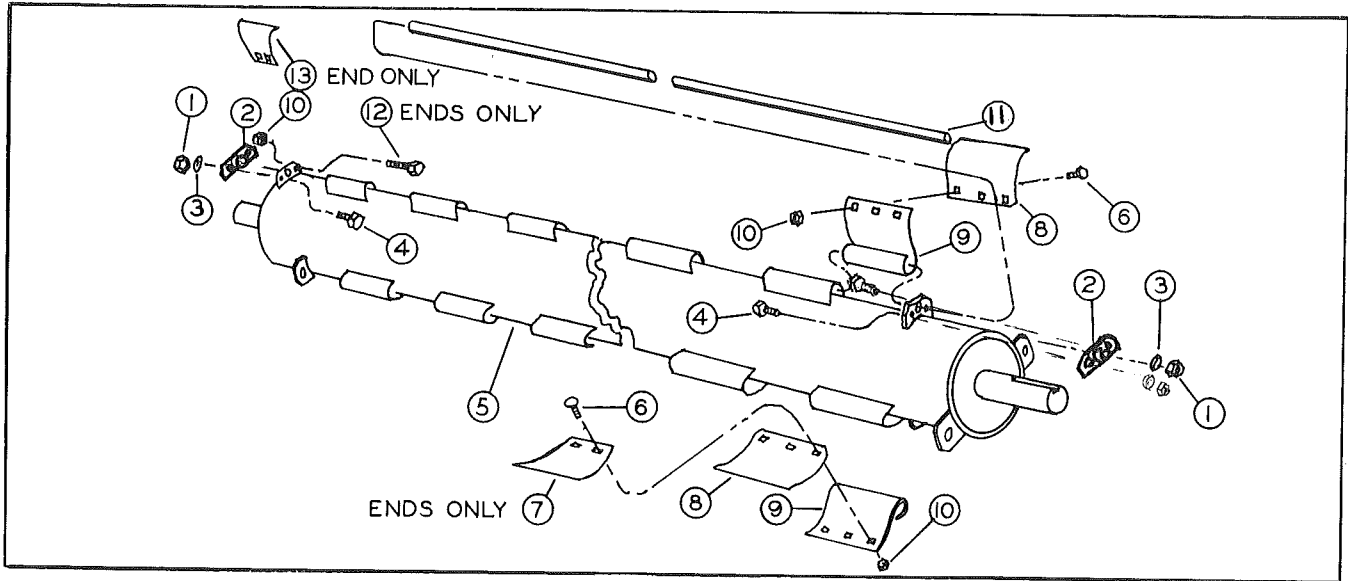


FIGURE 18.
ROTOR ASSEMBLY

REF. NO.	PART	DESCRIPTION
1		3/8 Hex Nut
2	0010015	Knife Rod End Locator
3		3/8 Lock Washer
4		3/8 x 1" HHCS
5	0910140	Rotor Weld. 9C
	0010005	Rotor Weld. 7C
6	0018131	Knife Carriage Bolts
7	0015206	End Knife Left

REF. NO.	PART	DESCRIPTION
8	0015208	Heavy Duty Knife Blade
9	0015205	Wide Knife Hanger
10	0018149	3/8-16 Lock Nut
11	0918995	Knife Tube 7C
	0918994	Knife Tube 9C
12		3/8 x 1-1/2 ft. HHCS
13	0015207	End Knife Right

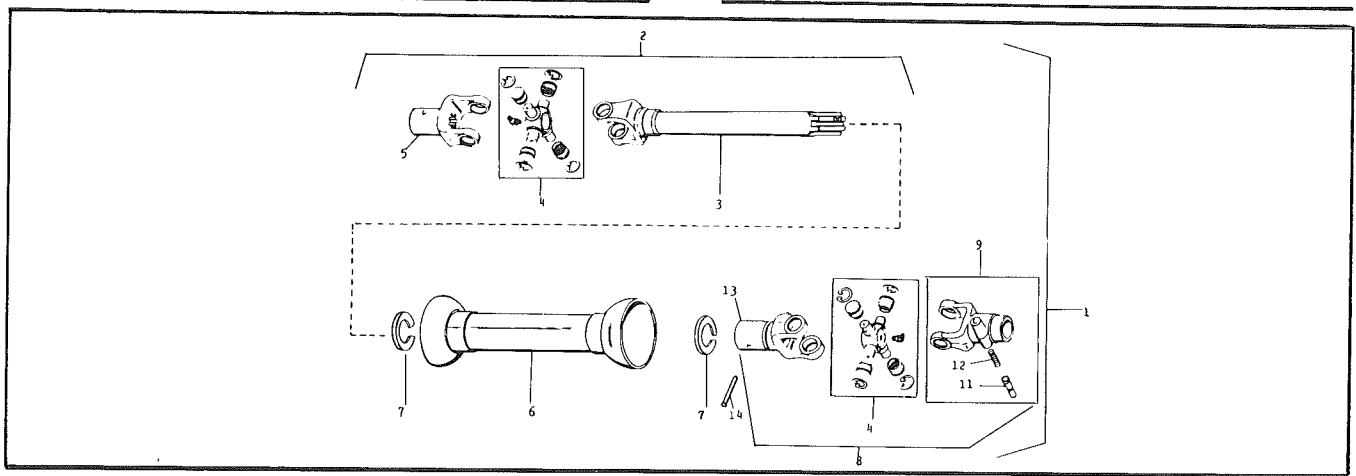


FIGURE 19.
P. T. O. TRACTOR TAKE-APART
Part No. 0916607

REF. NO.	PART	DESCRIPTION
1	0916607	"L55" Universal Joint & Hitch Assy. w/Nylon QDFWG
2	0926624	"L55" Universal Joint & Shaft
3	0926625	Yoke and Shaft
4	0026633	Repair Kit
5	0926632	Yoke (1-3/8 - 6B Spline)
6	0926627	Guard Assy.
7	0026634	Nylon Bearings

REF. NO.	PART	DESCRIPTION
8	0926628	"L55" Universal Joint
9	0026656	Q.D. Lock Yoke Assy. (1-3/8-6B)
10	0026629	Saf*T Pin & Spring Kit
11	0026601	Saf*T Pin
12	0026602	Lock Pin Spring
13	0926629	Yoke (1-5/8-6B Spline)
14	0926631	Pin

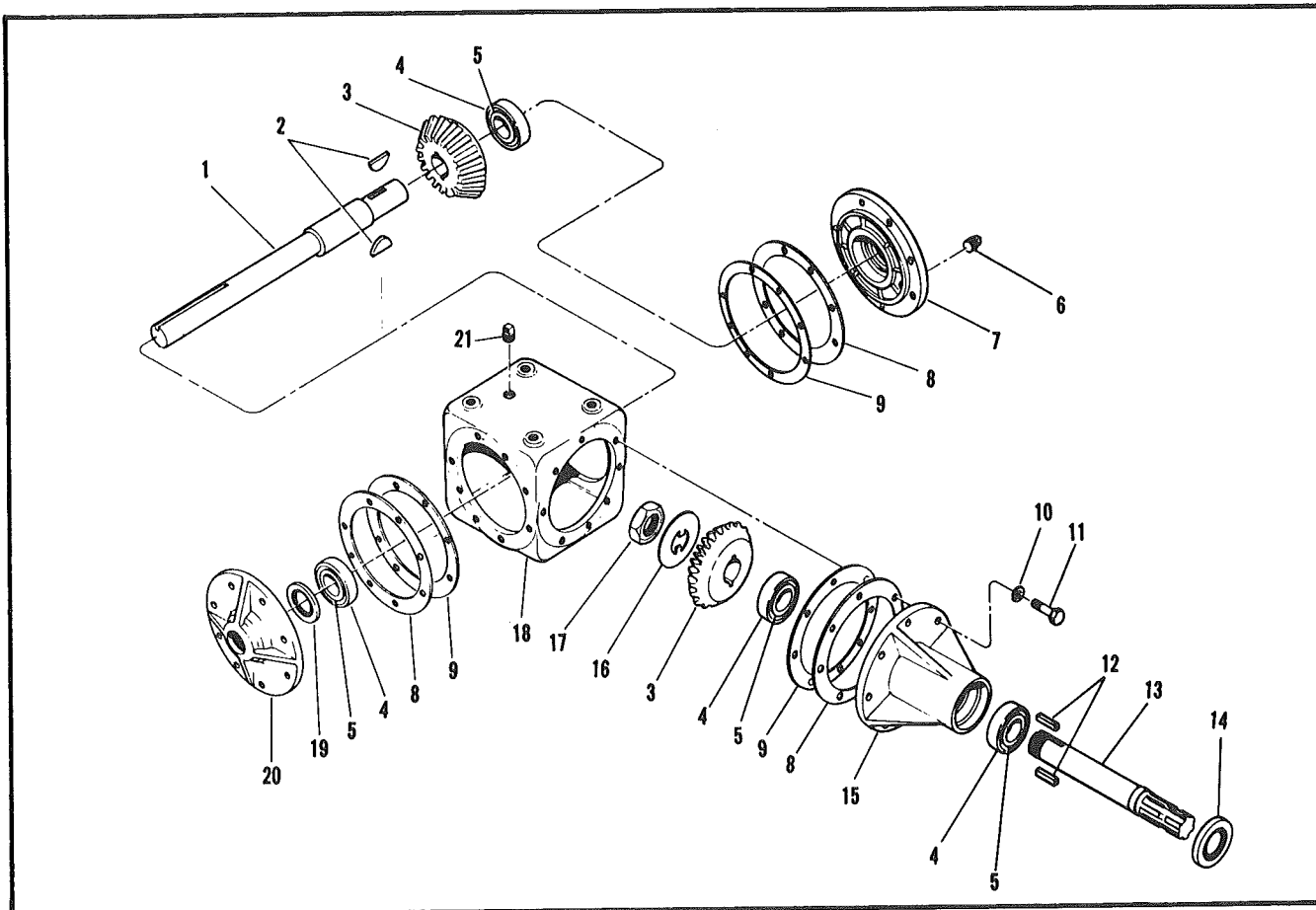
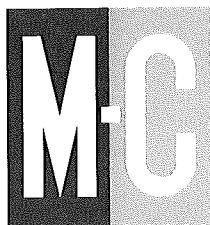


FIGURE 20.
GEAR BOX
Part No. 0916605

REF. NO.	PART	DESCRIPTION
1.	0926621	Output Shaft, Gear Box
2.	0018988	Woodruff Key, 3/8 x 1-1/2"
3.	0026500	Bevel Gear
4.	0026011	Bearing Cup
5.	0026010	Bearing Cone
6.	0028000	Oil Level Plug
7.	0027655	Cover, Solid, Gear Box
8.	0026636	Gasket Shim .005 Thick
9.	0026637	Gasket Shim .010 Thick
10.		1/2" Lock Washer

REF. NO.	PART	DESCRIPTION
11.		1/2-13 x 1-1/2" lg. Hex Bolt
12.	0015134	Key, 3/8 x 3/8 x 1-3/8" lg.
13.	0026638	Input Shaft
14.	0026639	Grease Seal
15.	0027656	Hub
16.	0028252	Lock Washer
17.	0028251	Nut, Input Shaft
18.	0027654	Gear Housing
19.	0026635	Grease Seal
20.	0027653	Cover, Gear Box Output
21.	0026607	Plug Vent



NEW GEAR BOX NO. 0916608
 BEGINNING W/ SERIAL NO. 16811

REF. NO.	OLD NO.	NEW NO.
16-0028252		- 0026668
17-0028251		- 0026667
19-0026635		- 0027657
20-0027653		- 0027657

INSTRUCTIONS FOR ORDERING PARTS

1. ALL PARTS MUST BE ORDERED FROM YOUR DEALER.
2. GIVE MODEL NAME, NUMBER and SERIAL NUMBER that is stamped on the NAME PLATE of your machine.
3. Order from your PARTS LIST as this is the ONLY means we have of identifying the parts you need. Order by the QUANTITY DESIRED, the PART NUMBER and the DESCRIPTION OF THE PART.

NOTE: The Company reserves the right to incorporate any changes in design without obligation to make these changes on units previously sold.



OWNERS NOTICE

**TO INSURE WARRANTY CLAIMS, BE CERTAIN TO FILL
OUT AND MAIL WARRANTY CARD WITHIN 30 DAYS.**

