



CLARKE-GRAVELY CORPORATION
A Studebaker-Worthington Company

SET UP INSTRUCTIONS

NAME: 30 INCH ROTARY MOWER

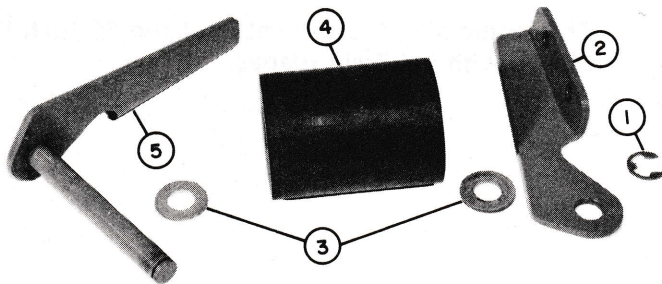
PART NUMBER(S): Drive - 22531
Deck (single blade) - 23075
Deck (twin blade) - 23076

These Set-Up Instructions give the procedure for assembling the 30 Inch Rotary Mower. Tighten the bolts used to assemble the 30 Inch Rotary Mower to the torque given in the Bolt Torque Specifications unless shown differently.

BOLT SIZE	BOLT TORQUE SPECIFICATIONS	
	FOOT POUNDS (ft. lbs.)	NEWTON METERS (N.m)
1/4"	7	9.5
5/16"	14	19
3/8"	25	34
7/16"	40	54
1/2"	60	82
9/16"	83	113
5/8"	120	163
3/4"	200	271

1.0 HOW TO ASSEMBLE THE DECK GAUGE ROLLER ROLLER

This section gives the procedure for assembling the Deck Gauge Roller. The parts to be assembled are shown in figure 1.0-1.



- 1 - "E" Ring
- 2 - Bracket
- 3 - Flat Washer
- 4 - Gauge Roller
- 5 - Roller Bracket

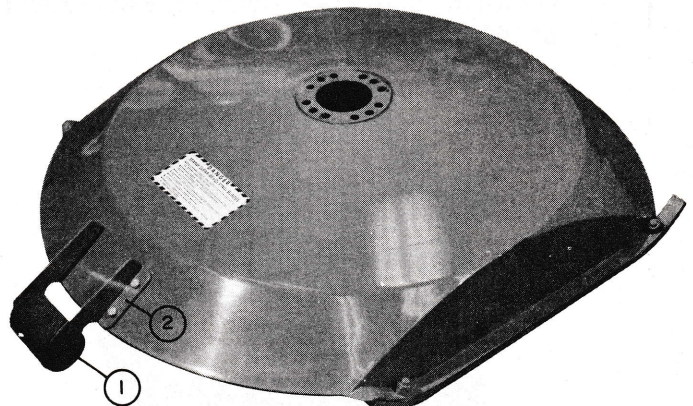
Figure 1.0-1

- Put a Flat Washer on the Roller Bracket and then the Gauge Roller, a Flat Washer, the Bracket and then put the "E" Ring in the groove in the Roller Bracket.

2.0 PROCEDURE FOR ASSEMBLING THE DECK GAUGE ROLLER AND MOWER DRIVE ON THE MOWER DECK

This section gives the procedure for assembling the Deck Gauge Roller and Mower Drive on the Mower Deck.

- Fasten the Deck Gauge Roller to the Mower Deck with the 5/16" x 3/4" bolts and 5/16" nuts as shown in figure 2.0-1.



- 1 - Deck Gauge Roller
- 2 - Bolt

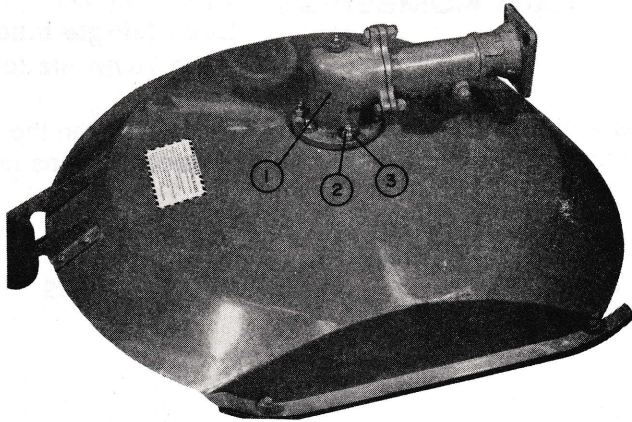
Figure 2.0-1

To continue its program of quality and design improvement, the manufacturer reserves the right to change specifications, designs and prices without notice and incurring obligation.

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- Put the Mower Drive on the Mower Deck as shown in figure 2.0-2. Fasten the Mower Drive to the Mower Deck with the 1/2" x 1-1/2" bolts, washers and 1/2" nuts. The bolts must be installed with the bolt heads under the Mower Deck.



- 1 - Mower Drive
- 2 - Bolt
- 3 - Nut

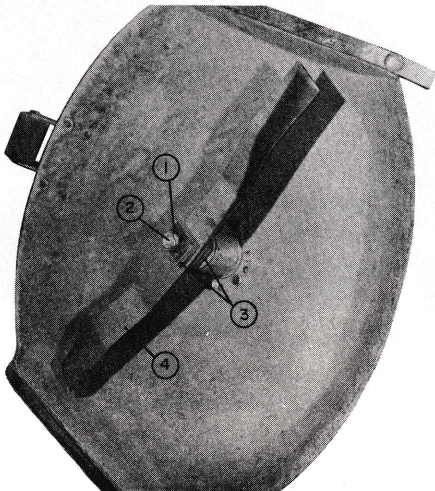
Figure 2.0-2

3.0 INSTALLING THE MOWER BLADE(S)

This section gives the procedure for installing the Mower Blade(s). The Single Blade installation needs six 1/4" Spacers and the Twin Blades installation needs five 1/4" Spacers and one 1/8" Spacer.

3.1 HOW TO INSTALL THE SINGLE BLADE

- Put three 1/4" Spacers on the Mower Shaft, then the Blade, three 1/4" Spacers and the Nut as shown in figure 3.0-1. Tighten the Nut to a torque of 100 ft. lbs. (135 N.m).



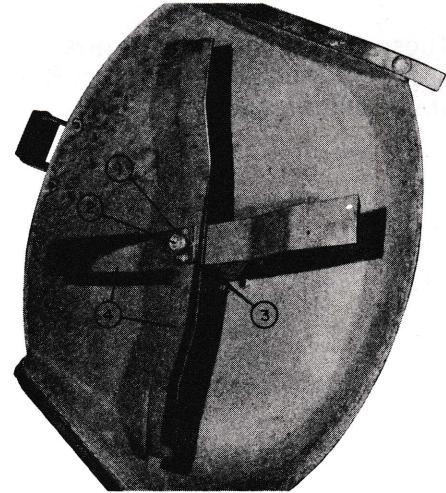
- 1 - Nut
- 2 - Mower Shaft
- 3 - Spacers
- 4 - Blade

Figure 3.0-1

This completes the assembly of the 30 Inch Rotary Mower with the Single Blade.

3.2 HOW TO INSTALL THE TWIN BLADES

- Put two 1/4" Spacers and one 1/8" Spacer on the Mower Shaft, then the Blades, three 1/4" Spacers and the Nuts as shown in figure 3.0-2. Tighten the Nut to a torque of 100 ft. lbs. (125 N.m).



- 1 - Nut
- 2 - Mower Shaft
- 3 - Spacers
- 4 - Blades

Figure 3.0-2

This completes the assembly of the 30 Inch Rotary Mower with the Twin Blades.

