

# GRAVELY®

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

1. Assemble the deck gauge roller by installing a washer, the gauge roller, another flat washer and the roller bracket on the roller bracket weldment and secure with the "E" ring. See fig. 1.

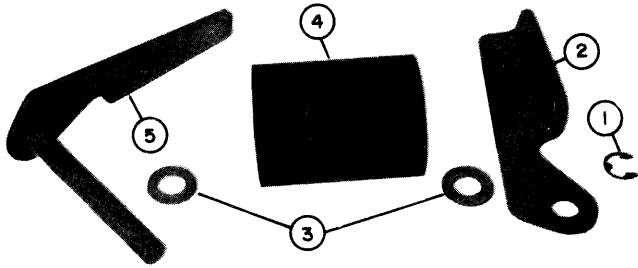


Fig. 1

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

2. Bolt the assembled gauge roller to the mower deck with the four 5/16 x 3/4 bolts and 5/16 nuts. See fig. 2.

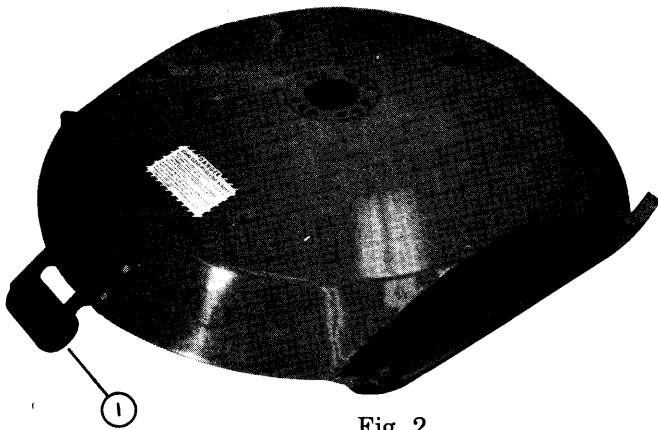


Fig. 2

- 1 — Assembled Gauge Roller
- 2 — Bolt

3. Place the mower drive on the deck as shown in fig. 3. Align the bolt holes in the drive with the deck and secure with the six 1/2 x 1-1/2 bolts, washers and 1/2 nuts. The bolts must be inserted from under the deck.

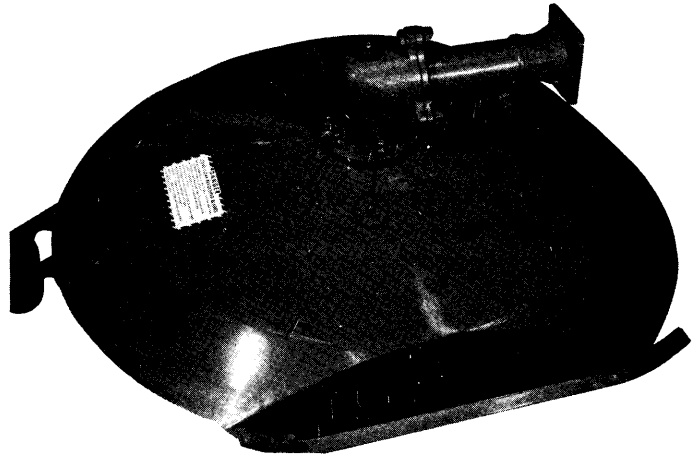


Fig. 3

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

4. Turn the mower deck over for blade installation.
5. Remove the nut and spacers from the mower drive shaft. (See fig. .)

## SINGLE BLADE INSTALLATION

6. For single blade installation, six 1/4" spacers are required. Install three 1/4" (6.4 mm) spacers on the mower shaft, then the blade and three 1/4" spacers and secure with the nut. Torque the nut to 100 ft. lbs. (135 Nm). See fig. 4. Discard the 1/8" (3.2 mm) spacer. (The 1/8" spacer is for twin blade installation).

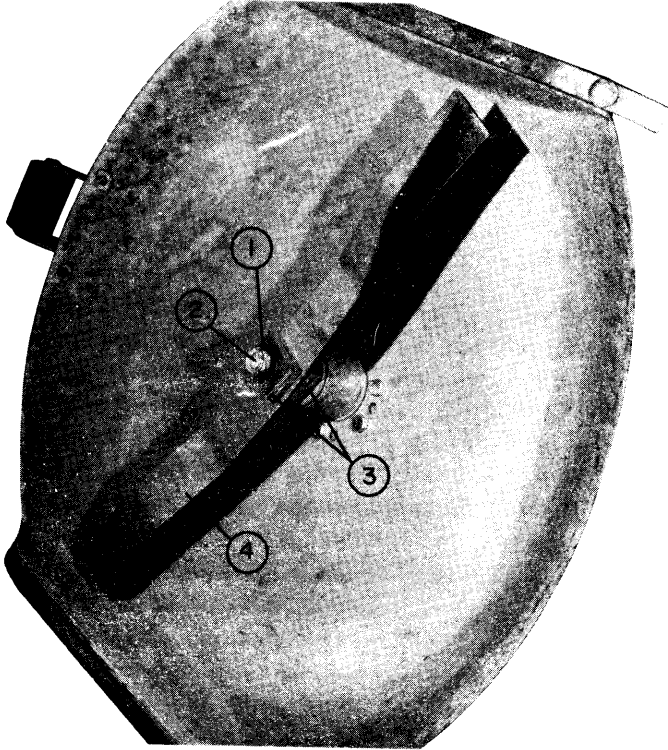


Fig. 4

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

## TWIN BLADE INSTALLATION

7. For twin blade installation, five 1/4" spacers and one 1/8" spacer are required. Install two 1/4" (6.4 mm) spacers and one 1/8" (3.2 mm) spacer, then the blades and three 1/4" spacers and secure with the nut. Torque the nut to 100 ft. lbs. (135 Nm). See fig. 5. Discard the 1/4" spacer. (This 1/4" spacer is replaced by the 1/8" spacer).

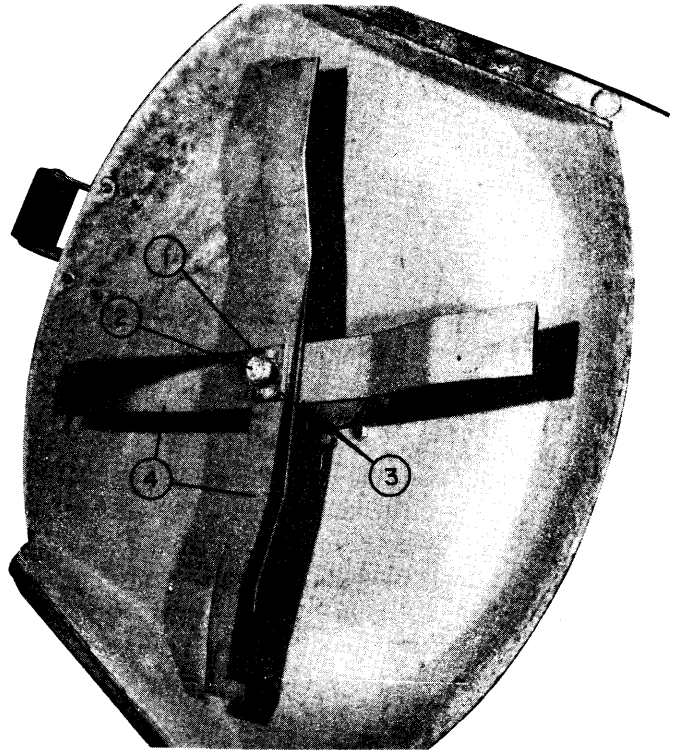


Fig. 5

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