

TORO®

Part No. 82-6220

INSTALLATION INSTRUCTIONS

BELT TENSIONER KIT

REMOVE OLD TENSION RODS

1. Release cutting unit belt tension, by removing cotter pin from belt tension rod, pivoting handle outward and rotating handle 1/2 turn until angle cuts are parallel (Fig. 1).

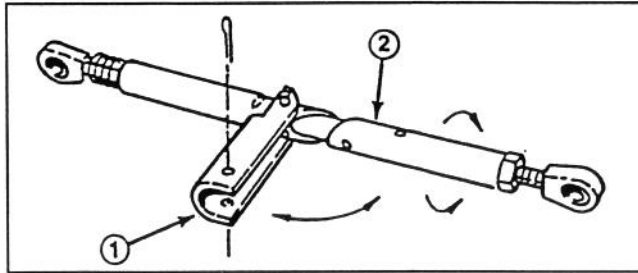
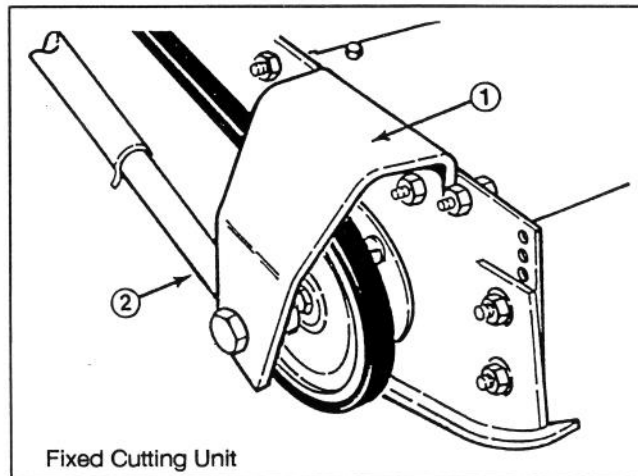


Figure 1

1. Belt Tension Rod Handle
2. Belt Tension Rod

2. Remove nut securing belt tensioner and spacers to tensioner bracket on fixed cutting units and to tensioner bracket and carrier frame on floating cutting units (Fig. 2).



Fixed Cutting Unit

Figure 2

1. Belt Tensioner
2. Tensioner Bracket

3. Repeat procedure on other two cutting units.

4. Remove hairpin cotter, washer and clevis pin securing rear of each belt tensioner to traction unit frame brackets.

INSTALL NEW TENSION RODS

1. On #2 & #3 (front) cutting units, secure round end of each belt tension rod to traction unit frame brackets (Fig. 3) with a 1/2-13 x 2" lg. cap screw and flange locknut. Belt tension rod yoke to be positioned so it pivots downward.

2. On #1 (rear) cutting unit, secure round end of each belt tension rod to traction unit frame brackets (Fig. 3) with a clevis pin, washer and hairpin cotter. Rear cutting unit requires (2) belt tension rods. Belt tension rod yoke to be positioned so it pivots downward.

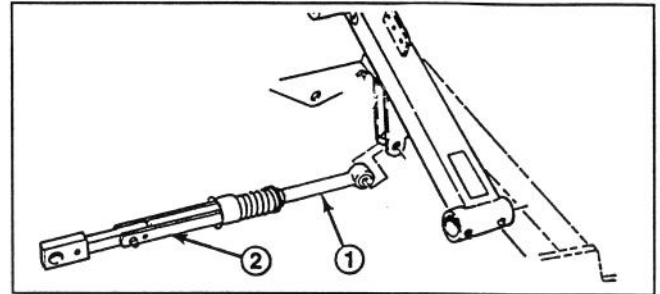
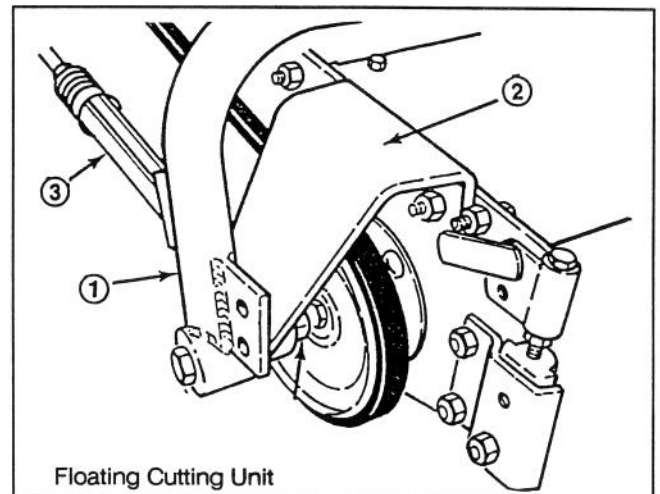


Figure 3

1. Belt Tensioner
2. Yoke

3. On floating cutting units, secure other end of tension rod to carrier frame and tension bracket with the bolt and sleeve assembly, (2) .375 I.D. flatwashers and a 3/8 - 16 locknut (Fig. 4). Position a flatwasher on each side of tension rod when assembling.



Floating Cutting Unit

Figure 4

1. Carrier Frame
2. Tensioner Bracket
3. Belt Tensioner

Note: Belt tension rods to be in locked position when installing. Loosen jam nut and rotate rod to adjust rod for installation.

4. On fixed cutting units, secure other end of tension rod to tension bracket with a 3/8-16 x 1.75" screw, .438 I.D. flatwasher, spacer, (2) .375 I.D. flatwashers and a 3/8 - 16 locknut. Position flatwashers and spacers as shown in figure 5 inset.

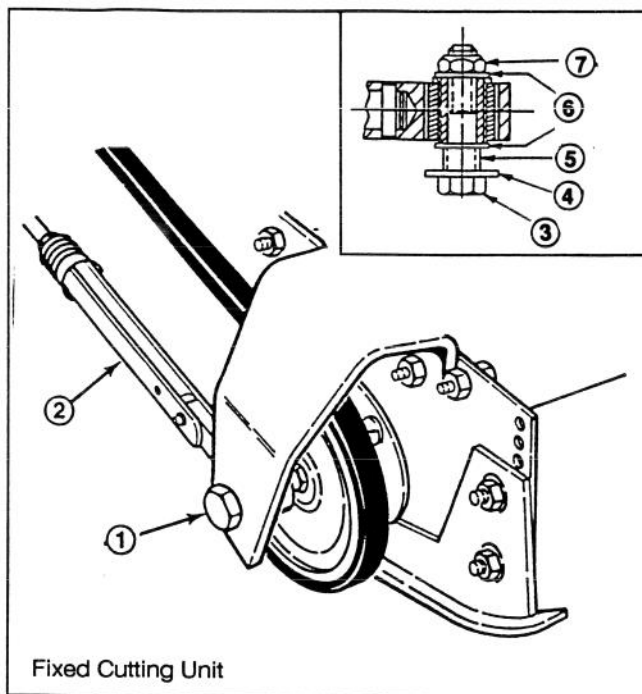


Figure 5

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|--------------------|----------------|
| 1. Tension Bracket | 5. Spacer |
| 2. Belt Tensioner | 6. Washers (2) |
| 3. Screw | 7. Locknut |
| 4. Washer | |

Note: Belt tension rods to be in locked position when installing. Loosen jam nut and rotate rod to adjust rod for installation.

IMPORTANT: After installation and after every 25 hours of operation, lubricate belt tensioners with No. 2 General Purpose Lithium Base Grease. Lubricate more frequently (Daily) if machine is used in extremely dusty and dirty conditions to avoid accelerated wear.