

TORO[®]

Part No. 13-3689

INSTALLATION INSTRUCTIONS

BLADE SPINDLE KIT

Note: When installing kit on riders with serial numbers prior to 5000001 (1985), mounting holes must be drilled in component parts.

1. Remove mower housing from rider as instructed in Operator's Manual.
2. Move blade control forward into ENGAGE detent so brake is away from side of pulley.
3. If belt is to be replaced, remove locknut from capscrew that holds retainer and idler pulley to idler arm. Lift up on the pulley and retainer so belt can be removed.
4. Remove locknut holding blade pulley to spindle shaft. Slide pulley off shaft and remove belt from pulley.
5. Remove cutter blade from spindle shaft as instructed in Operator's Manual.
6. Remove (4) locknuts securing spindle assembly, deck spindle shims, idler mounting bracket and height adjustment channel to mower housing. Discard shims.
7. Remove and discard long spindle mounting capscrew and spacer.
8. Remove idler mounting bracket from height adjustment channel. Using dimensions shown in fig. 1, locate, mark and drill a 1/4 inch dia. hole in idler mounting bracket.

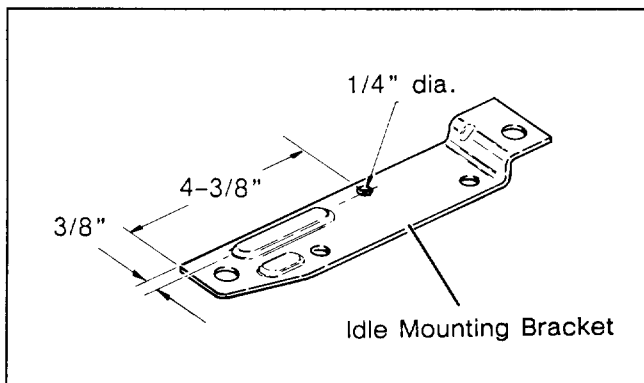


Figure 1

9. Reposition idler mounting bracket onto height adjustment channel, align mounting holes and insert (2) spindle mounting capscrews to correctly locate idler mounting bracket on height adjustment channel (Fig. 2).

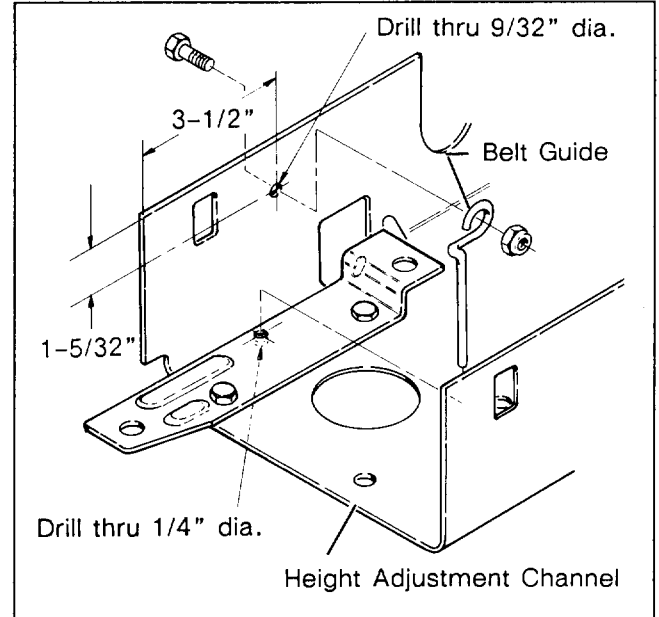


Figure 2

10. Using idler mounting bracket as a template, mark the location, of the newly drilled hole, onto height adjustment channel. Remove idler mounting bracket and drill a 1/4 inch dia. hole in height adjustment channel (Fig. 2).

11. Using the dimensions shown in fig. 2, locate and drill a 9/32 inch dia. hole in side of height adjustment channel.

12. Mount new spindle assembly, height adjustment channel and idler mounting bracket to mower housing with (1) 5/16-18 x 1" lg. capscrew included in kit and (3) mounting screws and (4) locknuts previously removed.

13. Insert end of belt guide into holes drilled in idler mounting bracket and height adjustment channel while securing looped end to side of adjustment channel (newly drilled hole) with a 1/4-20 x 7/8" lg. capscrew, washer and locknut as shown in fig. 2.

14. To install blade drive belt, loop belt around new blade pulley and to the inside of the belt guide. Install pulley onto spindle shaft with new locknut and tighten nut to 50-60 ft-lb. Install belt between idler pulley and belt retainer and secure idler assembly to idler bracket with capscrew and locknut.

15. Reinstall cutter blade to spindle shaft and mower housing to rider as instructed in Operator's Manual.