



Throttle Bracket Kit Greensmaster® Flex 21

Part No. 108-9404

Form No. 3353-386 Rev. A

Installation Instructions

1. Park the mower on a level surface. Make sure the engine is OFF. Remove the high tension lead from the spark plug.
2. Move the throttle and traction/reel controls to the disengaged position.
3. Remove the screw and lock washer securing the brake lever to the brake bracket (Fig. 1).
4. Remove the screw, spacer and nut securing the brake cable to the brake lever (Fig. 1). Allow the brake lever to hang in the slot in the console.

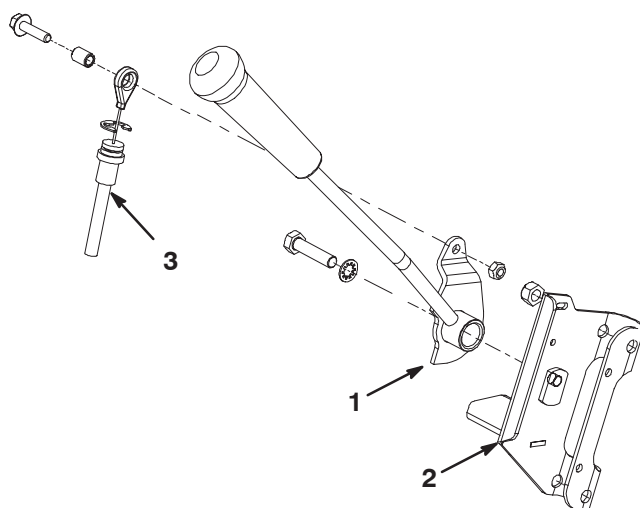


Figure 1

1. Brake lever
2. Brake control bracket
3. Brake cable

5. Remove the screw and washer securing the pin of the traction control rod handle to the traction control lever (Fig. 2). When removing the screw and washer from lever, make sure to account for the detent ball and spring which will fall out of the lever.
6. Remove the socket head screw and nut mounting the traction control rod handle to the traction control lever (Fig. 2).

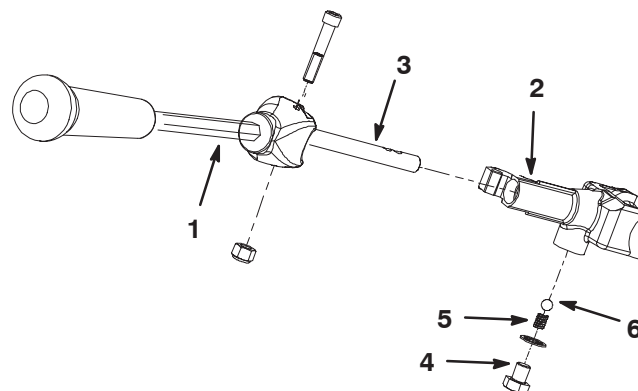


Figure 2

1. Traction control rod handle
2. Traction control lever
3. Pin
4. Screw & washer
5. Spring
6. Detent ball

7. Remove the (4) screws securing the console to the handle (Fig. 3). Rotate the left side of the console downward until the right side can be maneuvered over the traction control handle and away from the handle.

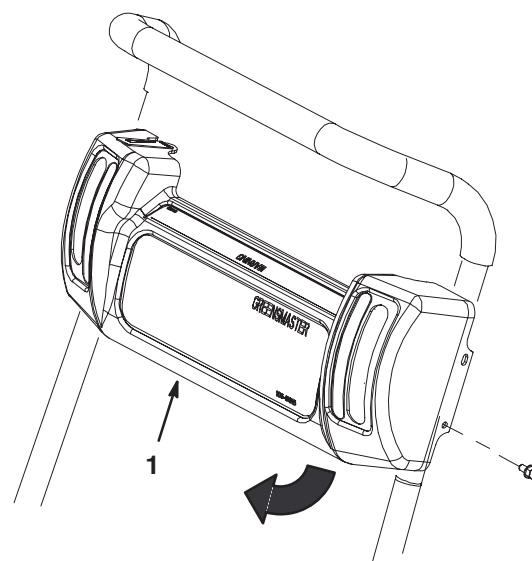


Figure 3

1. Console

8. Remove the cable ties securing the cables to the control bracket.

9. Disconnect the throttle cable (Fig. 4) from the throttle lever assembly as follows:
- Unsnap the cable housing from the control bracket.
 - Unhook the cable end from the throttle lever.

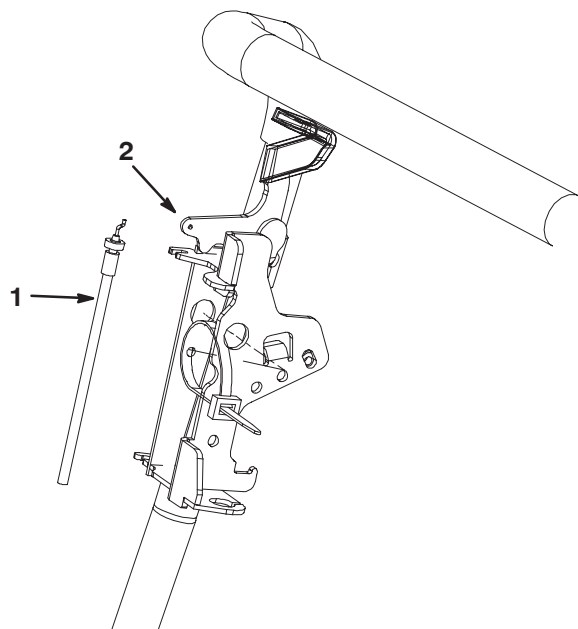


Figure 4

1. Throttle control cable 2. Throttle lever

10. Disconnect the traction cable (Fig. 5) from the traction lever assembly as follows:

- Loosen one of the jam nuts securing the cable to the gear box and remove the cable from the slot.
- Remove the retaining ring that secures the traction cable housing to the control bracket.
- Remove the retaining ring that secures the cable spring to the pin on the traction lever.
- Remove the cable from the traction lever assembly.

11. Disconnect the reel control cable (Fig. 5) from the reel control lever as follows:

- Loosen one of the jam nuts securing the cable to the gear box and remove the cable from the slot.
- Remove the retaining ring that secures the reel control cable housing to the control bracket.
- Unhook the reel control cable spring from the reel control lever.

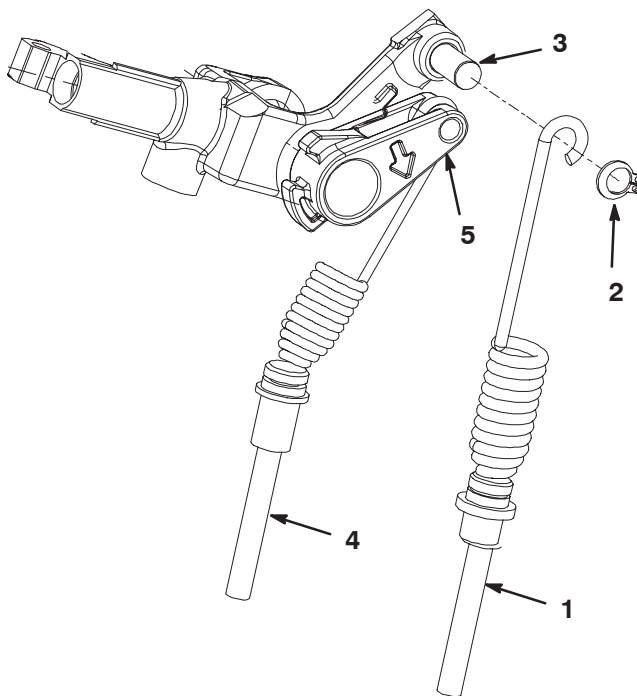


Figure 5

1. Traction cable 4. Reel control cable
2. Retaining ring 5. Reel control lever
3. Traction lever pin

12. Remove the two screws, spacers and nuts securing the proximity switch to the control bracket (Fig. 6). Move the switch away from the bracket.

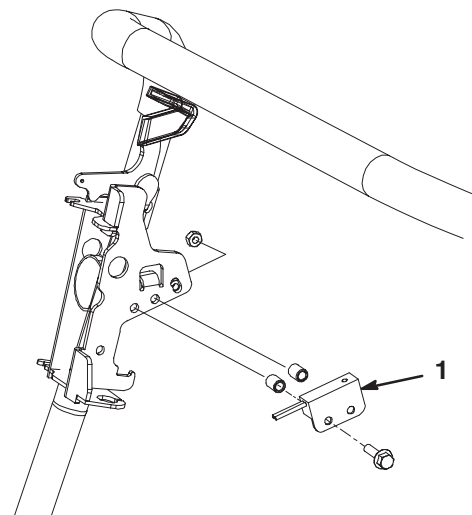


Figure 6

1. Proximity switch

13. Remove the screw securing the reel lever pivot pin to the control bracket (Fig. 7).
14. Remove the reel lever pivot pin and remove the traction/ reel control lever assembly from the control bracket (Fig. 7).

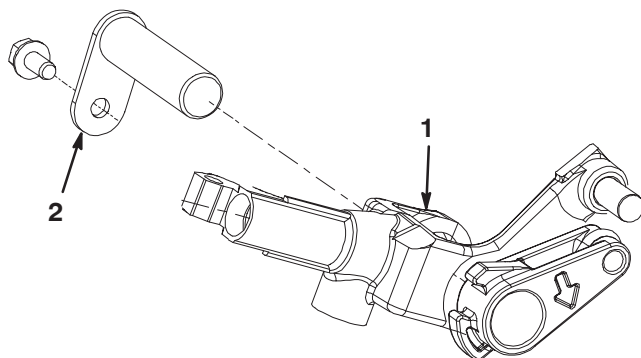


Figure 7

1. Reel lever pivot pin
2. Traction/ reel control lever assembly

15. Remove the (2) screws and nuts securing the control bracket and the right end of the operator presence bail, is so equipped, to the handle (Fig. 8).

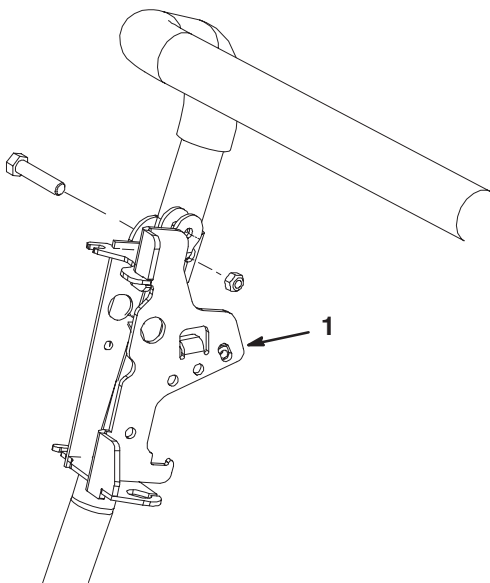


Figure 8

1. Control bracket

16. Secure the new throttle/control bracket and the operator presence bail, if removed, to the handle with (2) M8 x 1-1/4 screws and M8 nuts (Fig. 8).
17. Mount the traction/ reel control lever assembly to the control bracket with the reel lever pivot pin (Fig. 7).
18. Loosely mount the proximity switch to the control bracket with (2) M6 x 1-14 screws, spacers and M6 nuts (Fig. 6). Do not tighten.

19. Connect the reel control cable (Fig. 5) to the reel control lever as follows:

- A. Hook the reel control cable spring to the reel control lever.
- B. Secure the reel control cable housing to the control bracket with a new retaining ring.
- C. Insert the cable into the slot in the gear box and loosely tighten the jam nut securing the cable. Do not tighten.

20. Connect the traction cable (Fig. 5) to the traction lever assembly as follows:

- A. Insert the cable onto the traction lever pin.
- B. Secure the cable spring to the pin on the traction lever with the previously removed retaining ring.
- C. Secure the traction cable housing to the control bracket with a new retaining ring.
- D. Insert the cable into the slot in the gear box and loosely tighten the jam nut securing the cable. Do not tighten.

21. Connect the throttle cable (Fig. 4) to the throttle lever assembly as follows:

- A. Hook the cable end to the throttle lever.
- B. Snap the cable housing into the control bracket.
- C. Insert the cable into the slot in the gear box and loosely tighten the jam nut securing the cable. Do not tighten.

22. Reposition the console to the handle and secure with the (4) screws previously removed (Fig. 3).

23. Insert the detent ball and spring inside the traction control lever. Mount the traction control rod handle to the traction control lever with the socket head screw and nut previously removed (Fig. 2).

24. Secure the pin of the traction control rod handle to the traction control with the screw and washer previously removed (Fig. 2).

25. Secure the brake cable to the brake lever with the screw, spacer and nut previously removed (Fig. 1).

26. Secure the reel lever pivot pin to the control bracket with the screw previously removed (Fig. 1).

27. Secure the brake lever to the brake bracket with the screw and lock washer previously removed (Fig. 1).

28. Adjust all the cables. Refer to the Operator's Manual for the adjustment procedure.

29. Adjust the proximity switch. Refer to the Operator's Manual for the adjustment procedure.

30. Tighten all fasteners.

