Form No. 3457-803 Rev A

Light Kit

Sand Pro® 2040Z Traction Unit

Model No. 08721

Installation Instructions

Installation

Loose Parts

Use the chart below to verify that all parts have been shipped.

Description	Qty.	Use
Wire harness	1	Install the light kit.
Cable tie	6	
LED Light	2	
Screw (5/16 x 2–3/4 inches)	1	
Screw (5/16 x 3–1/2 inches)	1	
Screw (5/16 x 4–1/2 inches)	1	
Pivot washer (5/16 x 1–1/8 inches)	1	
Flat washer (3/8 x 7/8 inch)	1	
Flange nut (5/16 inch)	1	
Light bracket	1	
Self tapping screw (5/16 x 3/4 inch)	2	
R-clamp	1	
Rocker switch	1	
Fuse, 15 Amp	1	
Installation instructions	1	
Parts catalog	1	

© 2022—The Toro® Company
8111 Lyndale Avenue South
Bloomington, MN 55420

Register at www.Toro.com.

CE UK CA

Original Instructions (EN)
Printed in the USA.
All Rights Reserved

3457-803

1. Position the machine on a level surface, lower the attachment, shut off the engine, engage the parking brake, and remove the key from the ignition.
2. Disconnect the negative battery cable from the battery.
3. Mount the front light to the machine as follows:
   - Remove the screw, washer and nut mounted to the light bracket (Figure 1). Discard the screw.

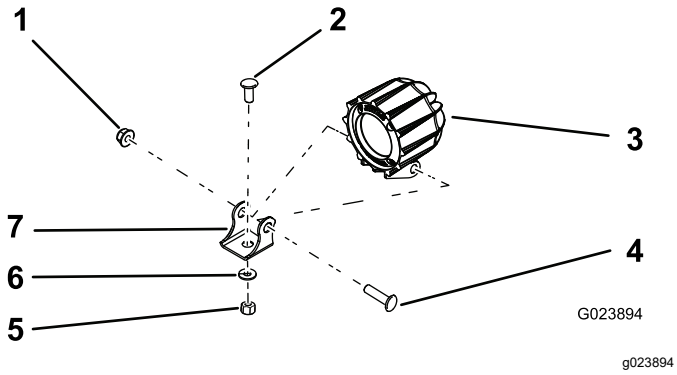


Figure 1

1. Nut
2. Screw
3. Light
4. Screw
5. Nut
6. Washer
7. Light bracket

   - Remove the screw and nut securing the light bracket to the light (Figure 1). Retain the screw and nut.
   - The number of weights installed on the front of the machine determines the length of the 5/16 inch screw required to mount the light to the machine. Use the table below to determine the screw length required to mount the light. Retain the remaining screws for different applications.

Screw Length	Attachment(s) Installed on Machine
41/2 inches	Drag Mat Kit, model 08718 and Nail Drag Attachment, model 08717
31/2 inches	Nail Drag Attachment, model 08717
23/4 inches	Other Attachments

   - Insert the flat washer onto the 5/16 inch screw and insert the screw into the light bracket (Figure 2).

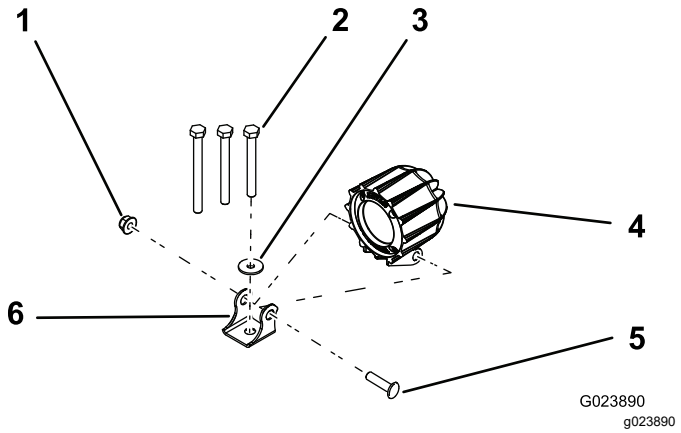


Figure 2

1. Nut
2. Screw, 5/16 inch
3. Flat washer
4. Light
5. Screw
6. Light bracket

   - Mount the light bracket to the light with the screw and nut previously removed (Figure 1).
   - Mount the front light to the front of the machine with a pivot washer and flange nut (Figure 3).

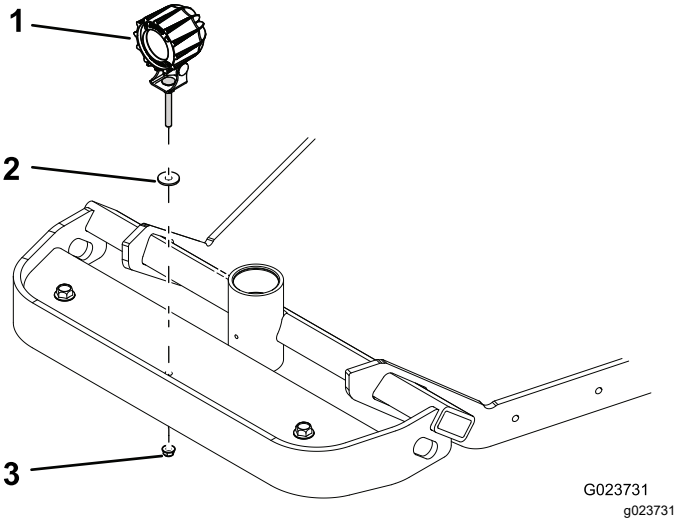


Figure 3

1. Light
2. Pivot washer
3. Flange nut

4. Remove the 4 fasteners securing the seat support plate to the traction unit (Figure 4).

   Note: Use caution when lifting the seat support plate off the traction unit to avoid damaging the seat switch wire harness.

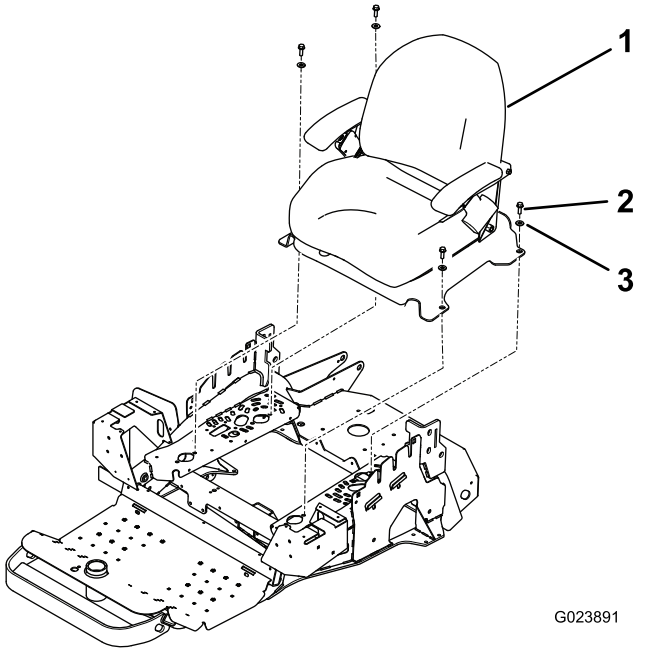


Figure 4

1. Seat assembly

5. Remove the cable tie securing the seat switch wire to the seat support, unplug the seat switch wires, and remove the seat from the machine.
6. Remove the 4 screws securing the control panel to the console (Figure 5). Retain the screws.

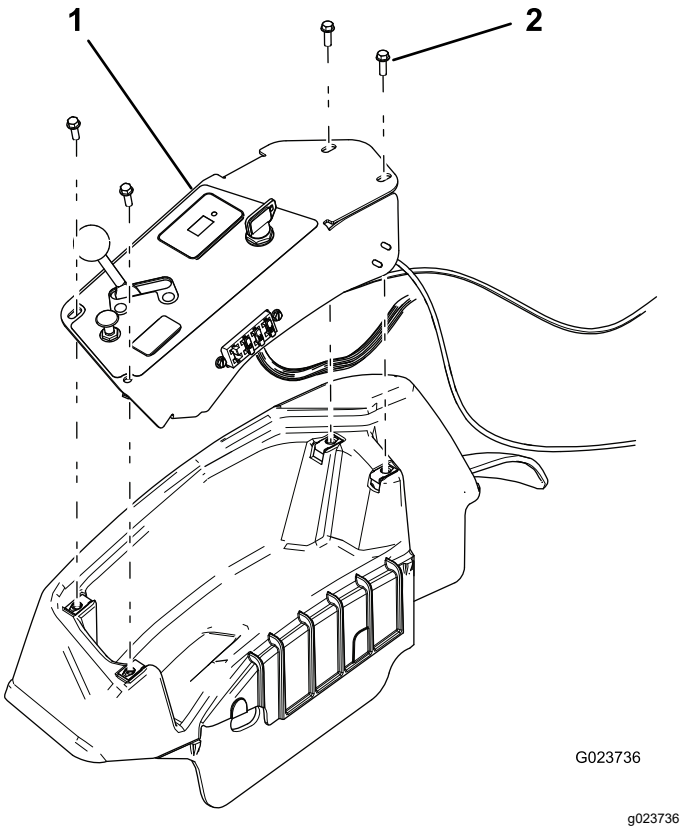


Figure 5

1. Control panel
2. Screws

7. Remove the cable tie securing the wires to the corner of the console.
8. Remove and discard the hole plug from the control panel (Figure 6).

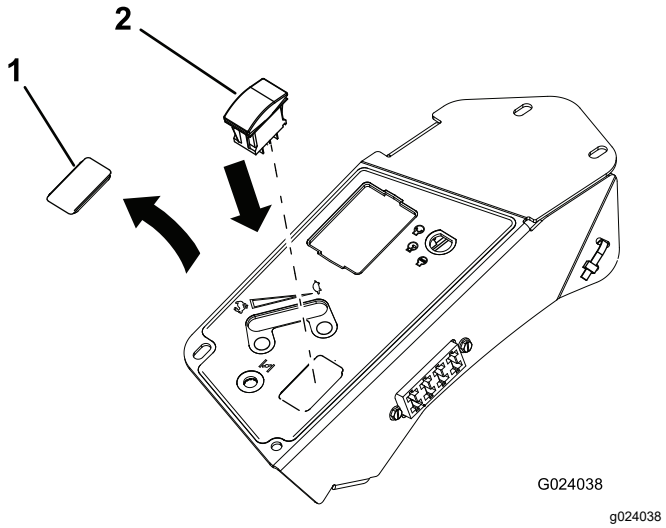


Figure 6

1. Hole plug
2. Switch

9. Insert the On/Off switch into the hole in the control panel, positioning it so the thinner end is toward the rear of the control panel (Figure 6).

10. Plug the connector from the supplied wire harness into the On/Off switch.
11. Plug the other wire harness connector into the main wire harness connector.
12. Following the existing wires on the machine, route the harness through the rear slot in the side of the console (Figure 7).
13. Install the control panel to the console with the screws previously removed.
14. Secure the new wire harness and the existing wires to the corner of the console with a cable tie (Figure 7).
15. Route the long end of the wire harness along the existing wire harness toward the front of the machine (Figure 7).
16. Secure the new wire harness to the existing harness with 3 cable ties at the locations shown in Figure 7.
17. Route the wire harness under the floor plate and secure it to the frame rail by inserting the harness anchors into the frame holes (Figure 7).
18. Route the wire harness up through the hole in the floor plate, near the front castor wheel, and plug the connector into the light (Figure 7).

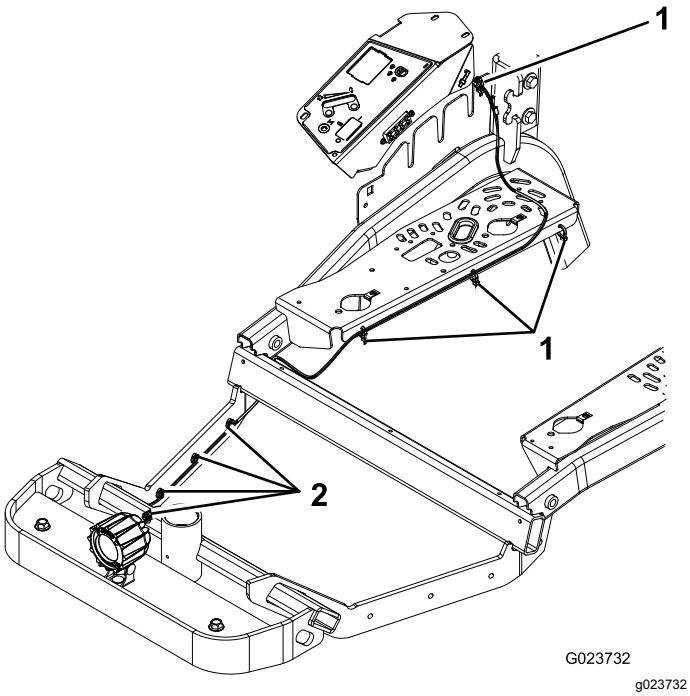


Figure 7

Shown with floor plate removed

1. Cable tie
2. Harness anchors

19. Route the rear section of the wire harness up the ROPS post and insert the harness anchor into the hole in post (Figure 8).

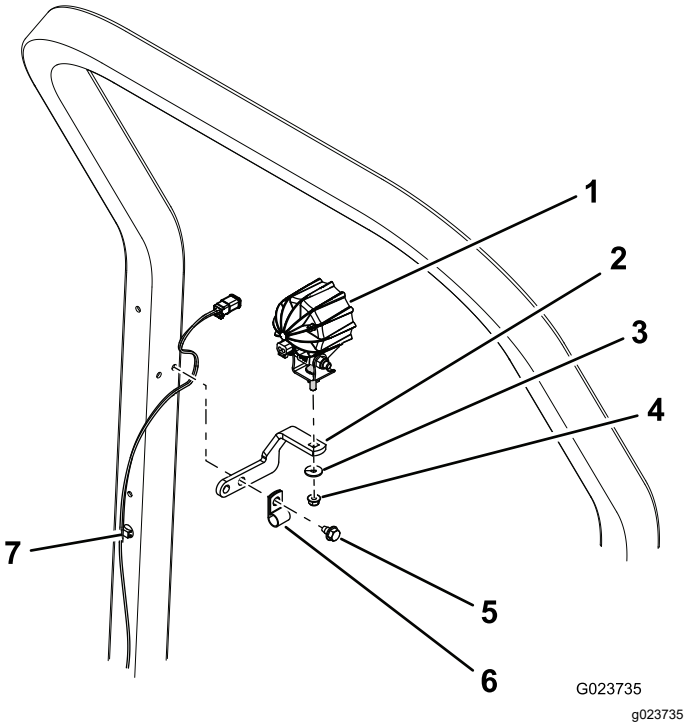


Figure 8

1. Light
2. Light bracket
3. Washer
4. Nut
5. Self tapping screw
6. R-clamp
7. Harness anchor

20. Slip the R-clamp onto the wire harness (Figure 8).
21. Mount the light bracket and the R-clamp to the ROPS post with 2 self tapping screws (5/16 x 3/4 inch) (Figure 8).
22. Mount the rear light to the light bracket with the fasteners supplied with the light (Figure 8).
23. Plug the wire harness connector into the light.

    Important: **Make sure the wire harness is away from any hot or rotating components and avoid any possible pinch points.**
24. Insert the fuse into the open slot in the fuse block (Figure 9).

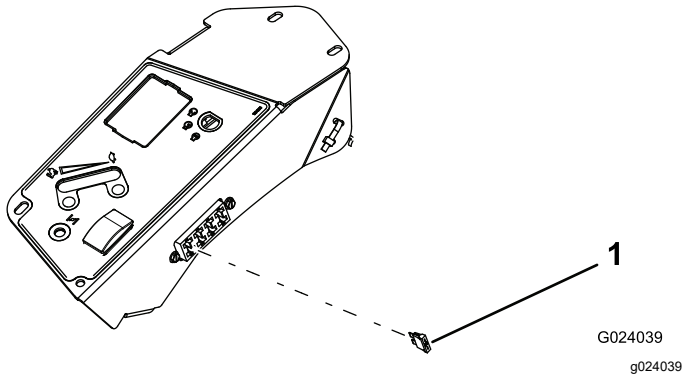


Figure 9

1. Fuse

25. Connect the seat switch wires and secure the wires to the seat support with a cable tie.
26. Install the seat to the traction unit with the 4 fasteners previously removed.
27. Connect the negative battery cable to the battery.
28. Rotate the lights up or down and from side to side to attain the desired operating position. Secure adjustments.

To Operate the Lights

- Press the front of the switch to turn on the headlight.
- Press the back of the switch to turn on the headlight and taillight.
- The middle switch position is OFF.

Notes:

Notes:



Count on it.