

Cub Cadet[®]

INSTALLATION INSTRUCTIONS

RZT & Z-Force Light Kit — Model 19B70032100

WARNING

**READ AND FOLLOW ALL SAFETY RULES AND INSTRUCTIONS IN THIS MANUAL
BEFORE ATTEMPTING TO OPERATE THIS MACHINE.
FAILURE TO COMPLY WITH THESE INSTRUCTIONS MAY RESULT IN PERSONAL INJURY.**

CUB CADET LLC, P.O. BOX 361131 CLEVELAND, OHIO 44136-0019

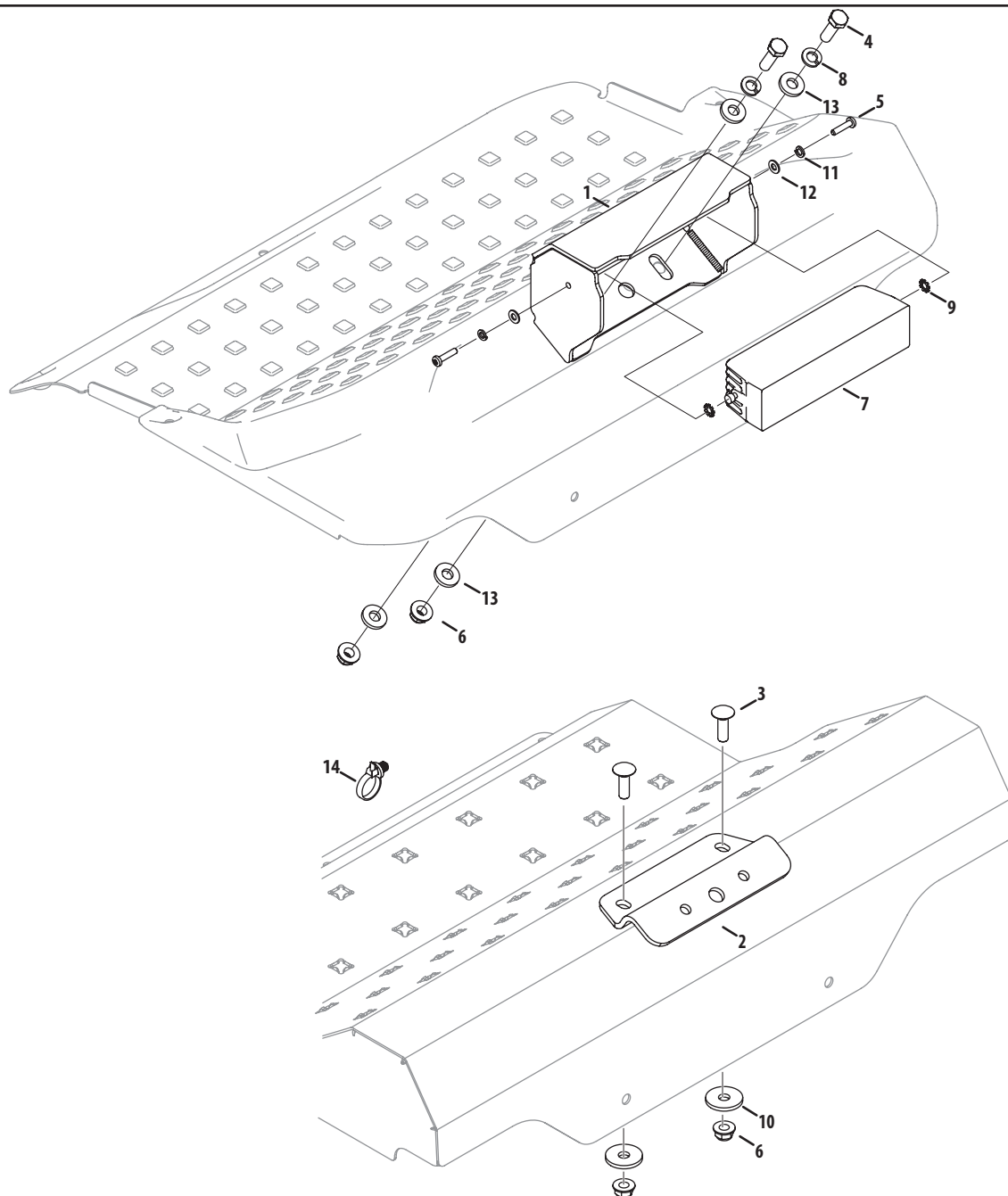
To the Owner

Thank you for purchasing a Cub Cadet Light Kit. Please be aware that this Light Kit was designed for use with 2014 and newer Cub Cadet RZT and Z-Force models equipped with either lap bars or a steering wheel. This covers a range of product specifications for various models. Characteristics and features discussed and/or illustrated in this manual may not be applicable to all models.

Contents of Carton

We reserve the right to change product specifications, designs and equipment without notice and without incurring obligation.

If you have any problems or questions concerning the Light Kit, phone your local Cub Cadet dealer or contact us directly. Cub Cadet's Customer Support telephone numbers, website address and mailing address can be found on the back cover of this manual. We want to ensure your complete satisfaction at all times.



Ref.	Part Number	Description	Qty.
1	603-05077	Headlight Bracket	1
2	703-09867	Headlight Mounting Bracket	1
3	710-0276	Carriage Screw, $\frac{5}{16}$ -18 x 1.00	2
4	710-0376	Hex Screw, $\frac{5}{16}$ -18 x 1.00	2
5	710-04879	Machine Screw, #8-32 x .750	2
6	712-04063	Flange Lock Nut, $\frac{5}{16}$ -18	4
7	725-06054	Headlight Assembly	1
8	736-0119	Lock Washer, $\frac{5}{16}$	2
9	736-0147	External Tooth Lock Washer, #10	2
10	736-0231	Flat Washer, .344 x 1.125 x .120	2
11	736-0722	Lock Washer, #10	2
12	736-0931	Flat Washer, .203 x .403 x .040	2
13	736-3008	Flat Washer, .344 x .750 x .120	4
14	726-0470	Cable Tie, 19 x 8.39	1
NS	725-06069A	Headlight Harness	1
NS	725-06070A	Headlight Adapter Harness	1

Installation

- Using the appropriate stencil from pages 6-7 of the manual, mark the location of the holes to be drilled in the floorboard. There is a separate template for fabricated and stamped floorboards.

NOTE: There are two edges for the templates, one edge is used for steering wheel models and one edge is for lapbar models.

- Align the template according to the instructions and tape in place. See Figure 1-1 for the RZT-S and Z-Force SZ and see Figure 1-2 for RZT-L and Z-Force L/LZ models. Center-punch the holes to mark the location of the holes to be drilled.

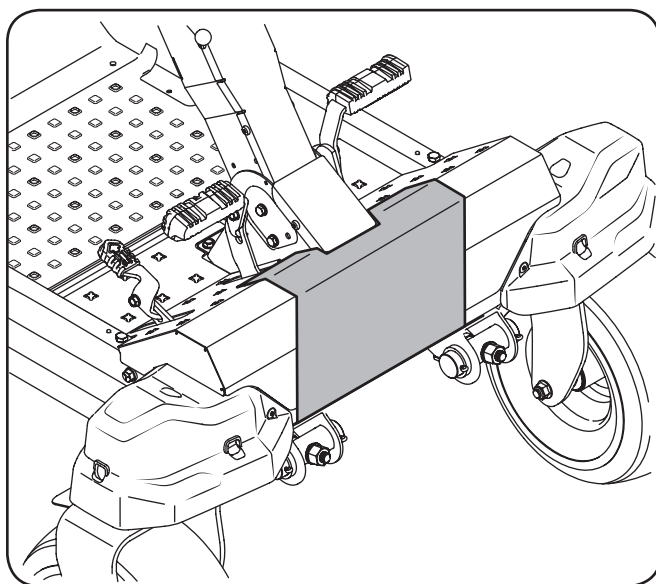


Figure 1-1

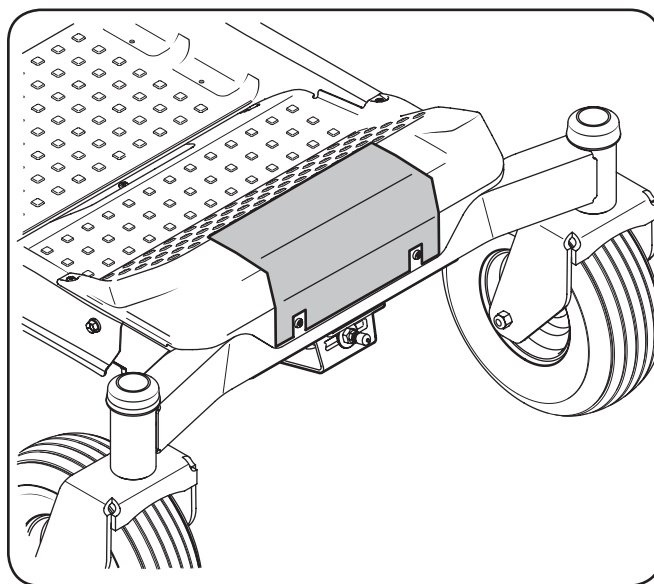


Figure 1-2

- Before beginning installation, remove the steering wheel from the steering wheel column on the RZT-S/Z-Force SZ models. Remove the steering wheel by carefully removing the steering wheel cover, then remove the hex screw and belleville washer securing the steering wheel to the steering wheel column. See Figure 1-3.

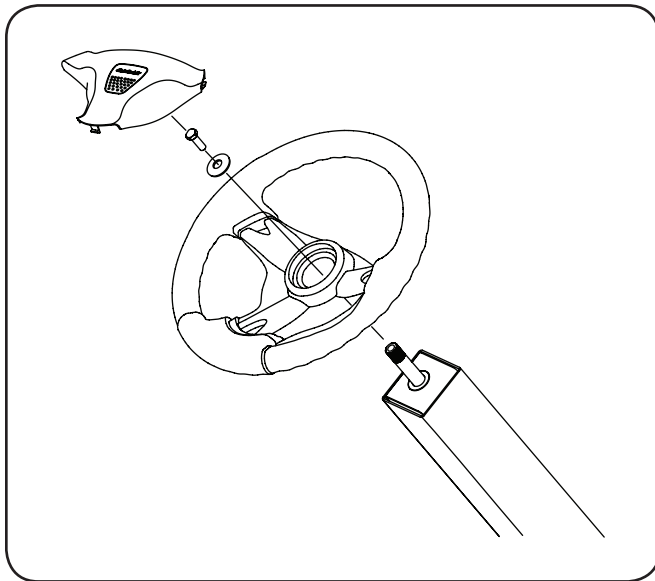


Figure 1-3

- The three pedals on the RZT-S/Z-Force SZ will also have to be removed to get the floor board off the tractor. The drive/reverse pedals are secured with a hex screw and the brake pedal is secured by a hex screw and flange lock nut. See Figure 1-4. Remove the screws and the pedals.

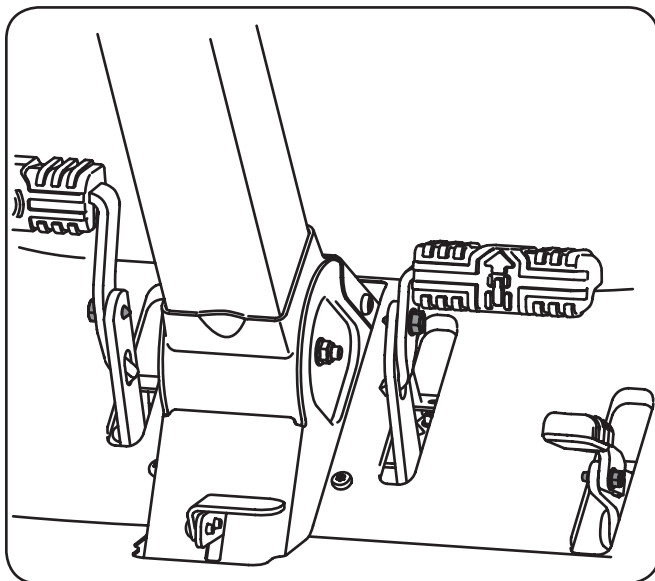


Figure 1-4

- On all models the floor board needs to be removed to properly drill the mounting holes and route the wiring. To remove the floor board, remove the screws securing it to the frame. See Figure 1-5.

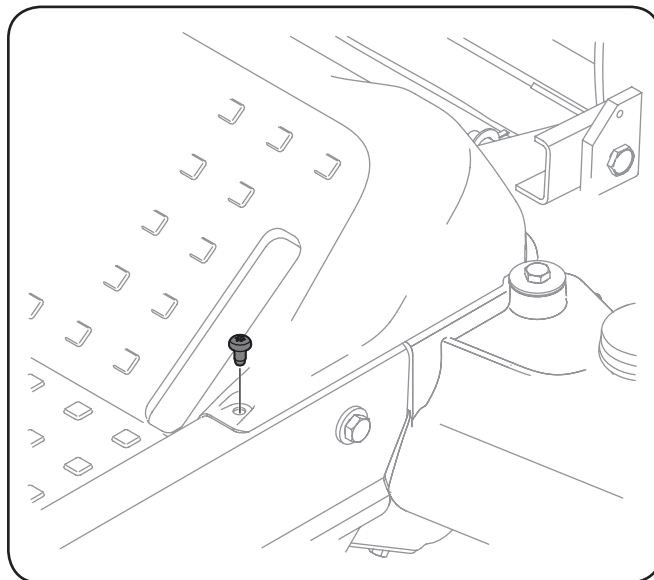


Figure 1-5

- Drill the holes using the center-punched locations marked in step 2 and remove burrs.
- Feed the headlight harness adapter on the headlight assembly (#7) through the middle hole in the welded headlight bracket (#1). See Figure 1-6.

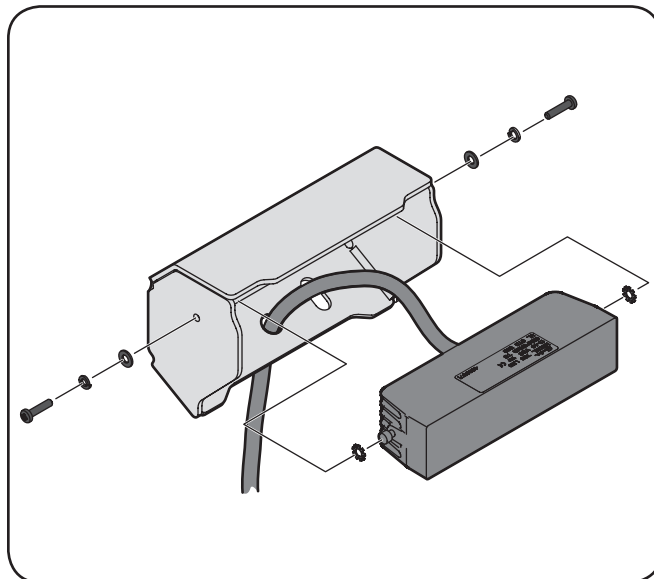
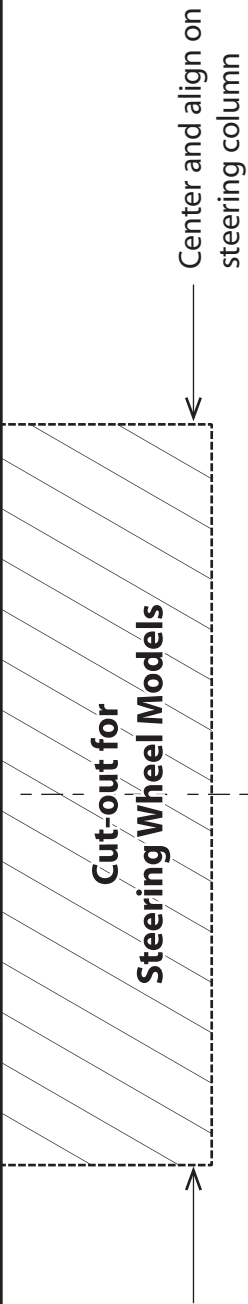


Figure 1-6

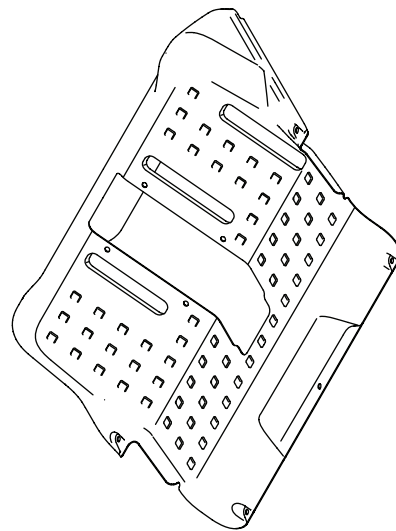
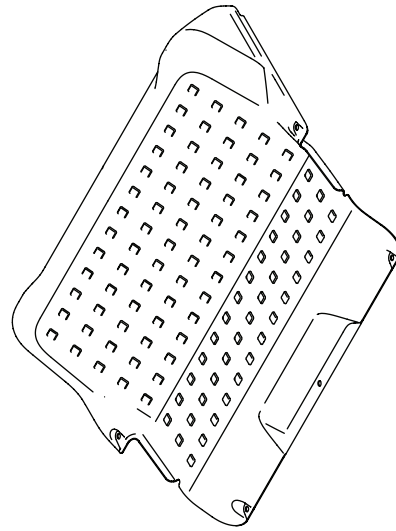
NOTE: If the headlight assembly is shipped with a headlight harness installed, it needs to be removed and then replaced with the harness shipped with the kit.

- Install the headlight assembly (#7) onto the headlight bracket (#1) using two external tooth lock washers (#9), two lock washers (#11), two flat washers (#12) and two machine screws (#5) as shown in Figure 1-6.

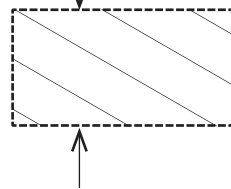
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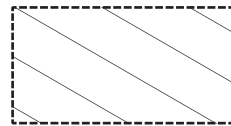
Template for Stamped Floorboard Models



Cut-out for Lapbar Models



Cut-out for Lapbar Models



Fold

Cut-out for
Steering Wheel Models



Center and align on steering column



5/16" Drill



5/16" Drill

Fold

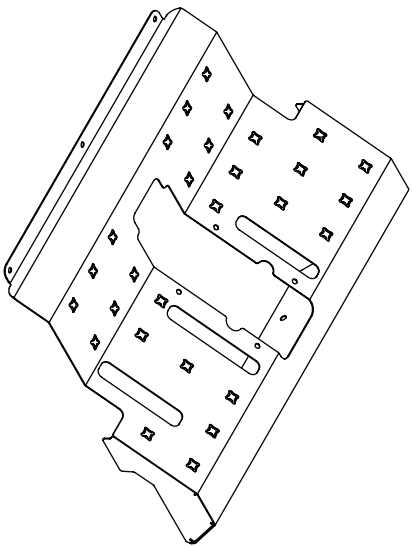
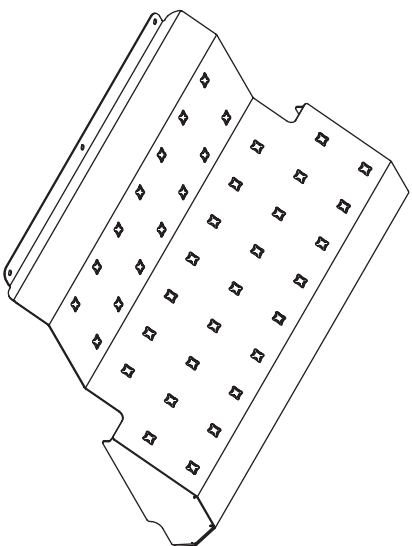
Fold



1/2" Drill

Fold

Template for Fabricated Floorboard Models



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9. On tractors with a fabricated floorboard, the headlight mounting bracket needs to be installed on the floorboard before proceeding. Install the headlight mounting bracket (#2) using two carriage screws (#3), two flat washers (#10) and two flange lock nuts (#6) as shown in Figure 1-7.

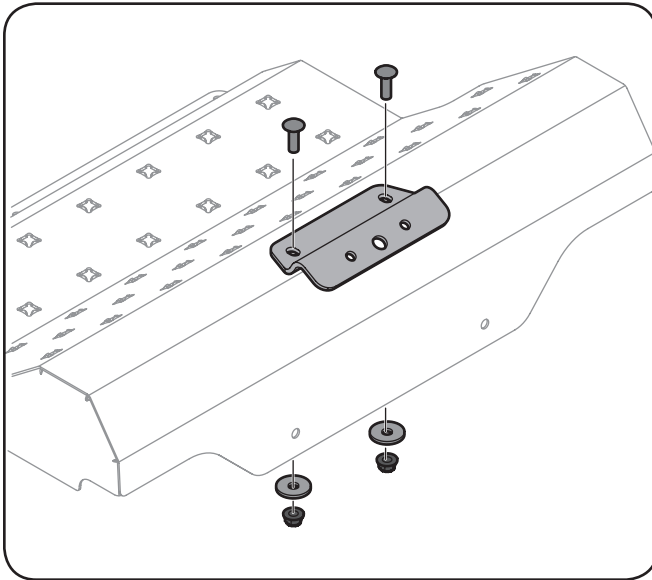


Figure 1-7

10. Install the headlight bracket (#1) to the floor board on tractors with a stamped floorboard using two hex screws (#4), two lock washers (#8), four flat washers (#13) and two flange lock nuts (#6) as shown in Figure 1-8.

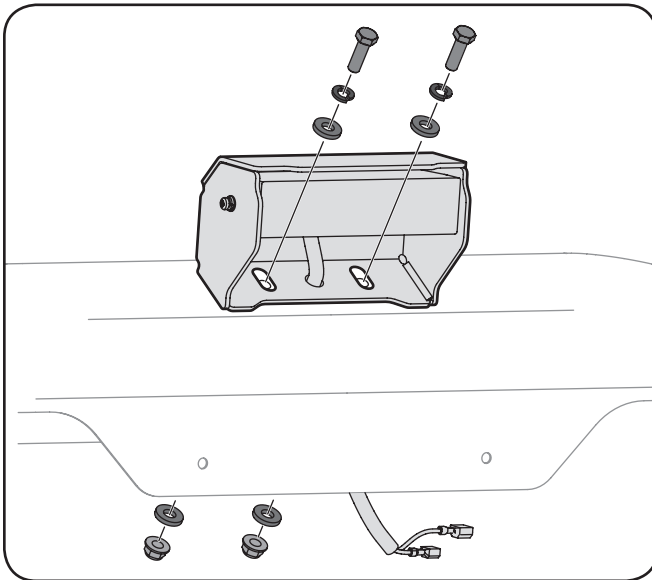


Figure 1-8

NOTE: Be sure not to damage the headlight harness adapter when installing the headlight bracket (#1).

11. Install the headlight bracket (#1) onto the headlight mounting bracket (#2) on fabricated floorboards as shown in Figure 1-9.

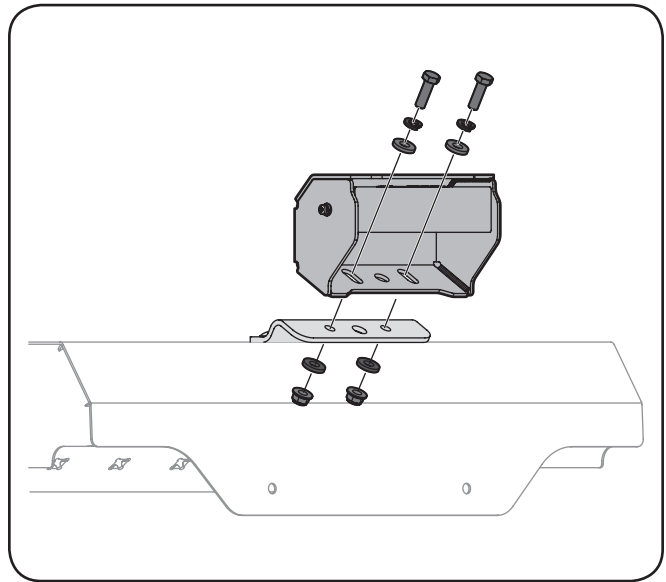


Figure 1-9

NOTE: Be sure not to damage the headlight harness adapter when installing the headlight bracket (#1).

12. Connect the headlight harness adapter to the headlight harness as shown in Figure 1-10.

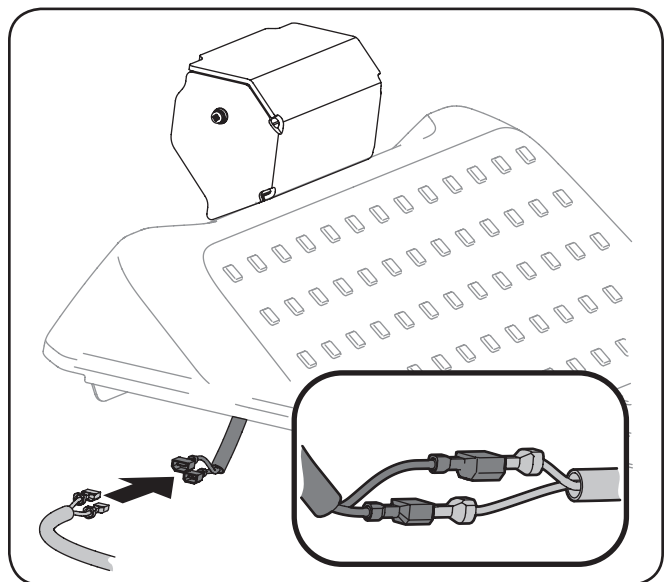


Figure 1-10

13. Place the floorboard with the headlight back onto the tractor, but do not re-install the screws until instructed to do so.
14. Route the harness as shown in Figure 1-11 on the RZT models. For Z-Force models skip ahead to step 15.

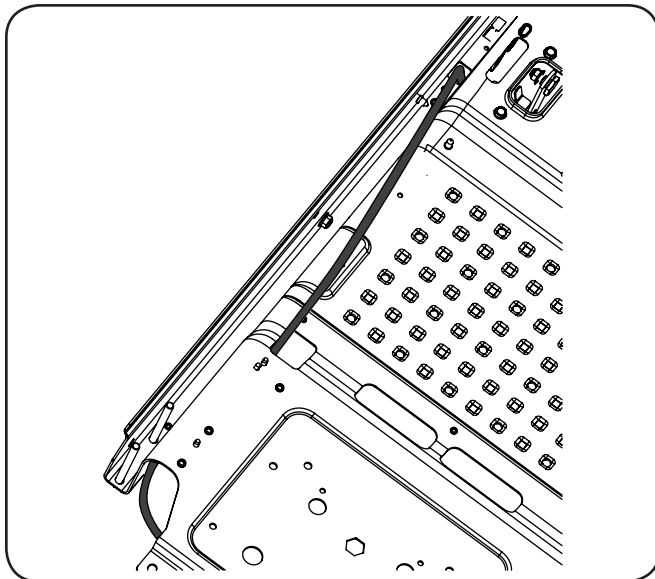


Figure 1-11

- a. Snap the rosebud clip into the top of the frame. See Figure 1-12.

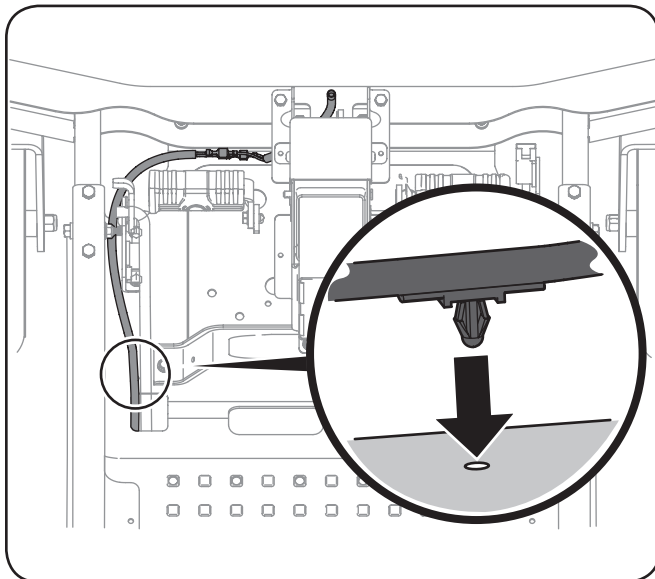


Figure 1-12

- b. Feed the headlight wire harness along the bottom of the frame and then up through the hole below the seat box frame. See Figure 1-13.

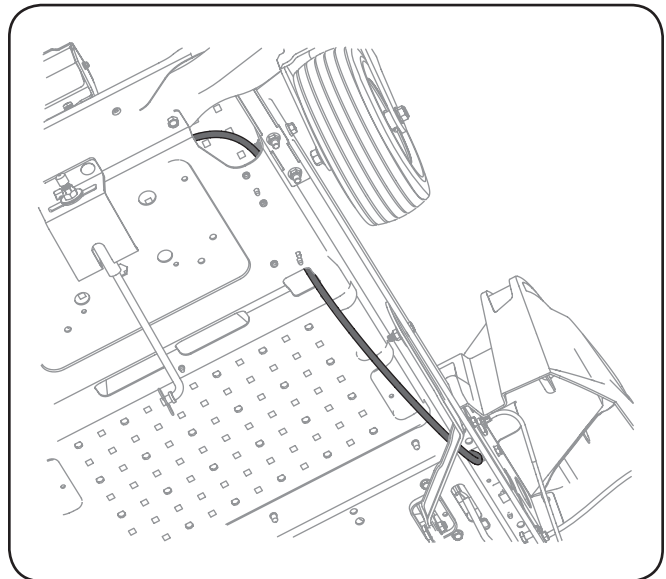


Figure 1-13

- c. Snap the rosebud clip into the frame as shown in Figure 1-14 and connect the headlight harness to the main harness.

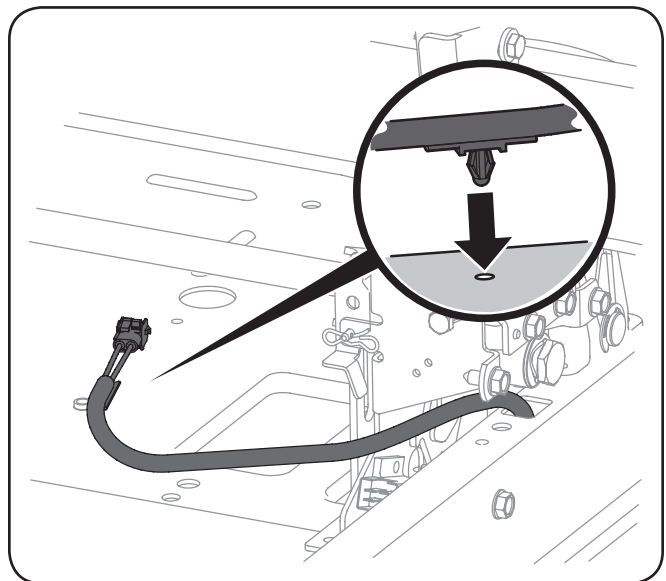


Figure 1-14

15. Route the harness as shown in Figure 1-15 for the Z-Force models.

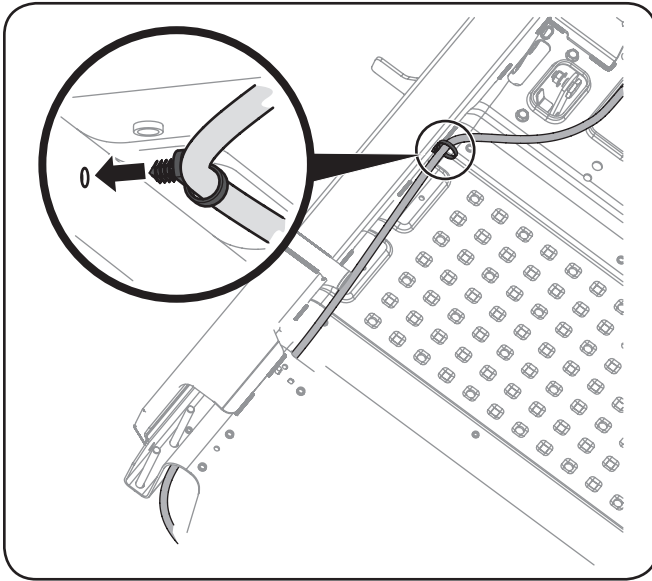


Figure 1-15

- a. Snap the rosebud clip into the top of the frame. See Figure 1-12.
 - b. Feed the headlight wire harness along the bottom of the frame and then up through the larger rectangular frame hole. See Figure 1-15.
 - c. On Z-Force L models, locate the hole on the inner LH frame rail. Press the cable tie (#14) into the hole and secure the wire harness against the frame rail. On Z-Force S models, use the cable tie (#14) to secure the headlight harness to the main wire harness.
 - d. Snap the rosebud clip into the frame as shown in Figure 1-14 and connect the headlight harness to the main harness.
16. Visually inspect the wire harness routing and confirm clearance from all moving parts.
17. Re-install the floor board and on RZT-S and Z-Force SZ models reinstall the steering wheel and pedals.

Operation

Turn the ignition key to the accessory position to turn the light on. The light will stay on as long as the tractor is running. To turn the light off, turn the tractor off and remove the key.

CUB CADET LLC

MANUFACTURER'S LIMITED WARRANTY

FOR SEPARATELY SOLD ATTACHMENTS AND ACCESSORIES

IMPORTANT: To obtain warranty coverage owner may be required to present an original proof of purchase and applicable maintenance records to the servicing dealer. Please see the operator's manual for information on required maintenance and service intervals.

The limited warranty set forth below is given by Cub Cadet LLC with respect to new merchandise purchased or leased and used in the United States and/or its territories and possessions, and by MTD Products Limited with respect to new merchandise purchased or leased and used in Canada and/or its territories and possessions (either entity respectively, "Cub Cadet").

Cub Cadet warrants this product (excluding its *Normal Wear Parts*, as described below) against defects in material and workmanship for a period of two (2) years commencing on the date of original retail purchase or lease and will, at its option, repair or replace, free of charge, any part found to be defective in materials or workmanship.

Normal Wear Parts are warranted to be free from defects in material and workmanship for a period of thirty (30) days from the date of original purchase or lease. Normal wear parts include, but are not limited to items such as: belts, blades, blade adapters, grass bags, rider deck wheels, seats, and tires.

This limited warranty shall only apply if this product has been operated and maintained in accordance with the Operator's Manual furnished with the product, and has not been subject to misuse, abuse, neglect, accident, improper maintenance, alteration, vandalism, theft, fire, water, or damage because of other peril or natural disaster. Damage resulting from the installation or use of any part, accessory or attachment not approved by Cub Cadet for use with the product(s) covered by this manual will void your warranty as to any resulting damage. In addition, Cub Cadet may deny warranty coverage if the hour meter, or any part thereof, is altered, modified, disconnected or otherwise tampered with.

HOW TO OBTAIN SERVICE: Warranty service is available, WITH PROOF OF PURCHASE AND APPLICABLE MAINTENANCE RECORDS, through your local authorized service dealer. To locate the dealer in your area:

In the U.S.A.

Check your Yellow Pages, or contact Cub Cadet LLC at P.O. Box 361131, Cleveland, Ohio 44136-0019, call 1-877-282- 8684 or log on to our website at www.cubcadet.com.

In Canada

Contact MTD Products Limited, Kitchener, ON N2G 4J1, call 1-800-668-1238 or log on to our website at www.mtdcanada.com.

Without limiting the foregoing, this limited warranty does not provide coverage in the following cases:

- Routine maintenance items such as lubricants, filters, blade sharpening, tune-ups, brake adjustments, clutch adjustments, deck adjustments, and normal deterioration of the exterior finish due to use or exposure.
- Service completed by someone other than an authorized service dealer.
- Cub Cadet does not extend any warranty for products sold or exported outside of the United States and/or Canada, and their respective possessions and territories, except those sold through Cub Cadet's authorized channels of export distribution.
- Replacement parts and/or accessories that are not genuine Cub Cadet parts.
- Transportation charges and service calls.
- Commercial or Institutional Use.

There are no implied warranties, including without limitation any implied warranty of merchantability or fitness for a particular purpose. No warranties shall apply after the applicable period of express written warranty above. No other express warranties beyond those mentioned above, given by any person or entity, including a dealer or retailer, with respect to any product, shall bind Cub Cadet. The exclusive remedy is repair or replacement of the product as set forth above.

The terms of this warranty provide the sole and exclusive remedy arising from the sale and/or lease of the products covered hereby. Cub Cadet shall not be liable for any incidental or consequential loss or damage including, without limitation, expenses incurred for substitute or replacement lawn care services or for rental expenses to temporarily replace a warranted product.

Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you.

In no event shall recovery of any kind be greater than the amount of the purchase price of the product sold. **Alteration of safety features of the product shall void this warranty.** You assume the risk and liability for loss, damage, or injury to you and your property and/or to others and their property arising out of the misuse or inability to use the product.

This limited warranty shall not extend to anyone other than the original purchaser or to the person for whom it was purchased as a gift.

HOW LOCAL LAWS RELATE TO THIS WARRANTY: This limited warranty gives you specific legal rights, and you may also have other rights that vary in different jurisdictions.

Cub Cadet LLC, P.O. BOX 361131 CLEVELAND, OHIO 44136-0019, Phone: 1-877-282-8684
MTD Products Limited, Kitchener, ON N2G 4J1, Phone: 1-800-668-1238