

Instruction Sheet

Kit Number: 79216200

HEADLIGHT KIT

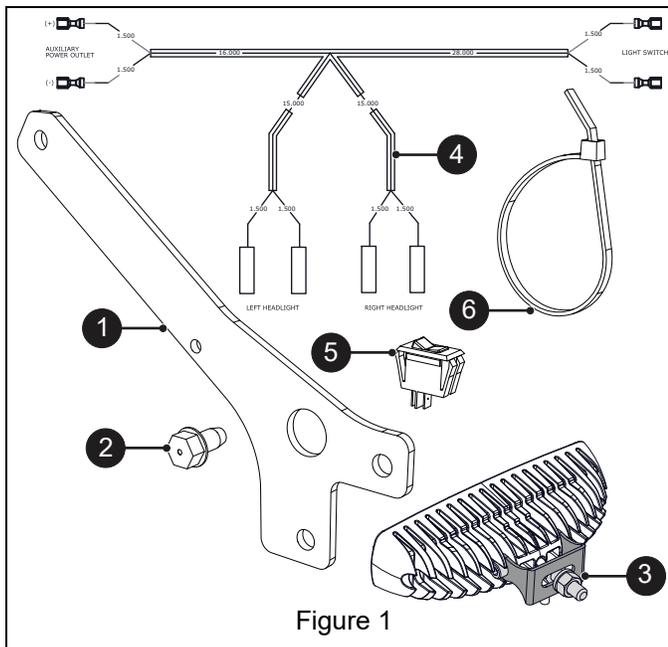


WARNING: FAILURE TO FOLLOW INSTRUCTIONS could result in personal injury and/or damage to unit.
Read, understand, and follow all safety practices in Operator's Manual before beginning.

Package Contents

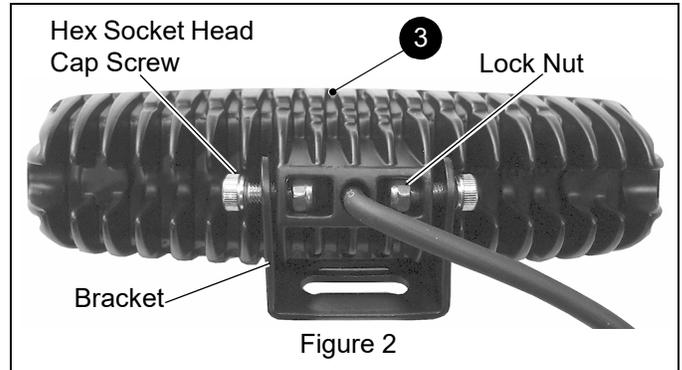
Check the contents of your kit for the parts listed below. Also see Figure 1.

Item	Description	Qty	Ariens P/N
1	Light Mounting Arm	2	05000353
2	3/8-16 x 3/4" Hex Washer Head Screw	2	07400129
3	6-LED Headlight w/Bracket	2	04821100
4	Headlight Harness	1	05001100
5	2-Pole Rocker Switch	1	08973300
6	Cable Tie	7	04003800

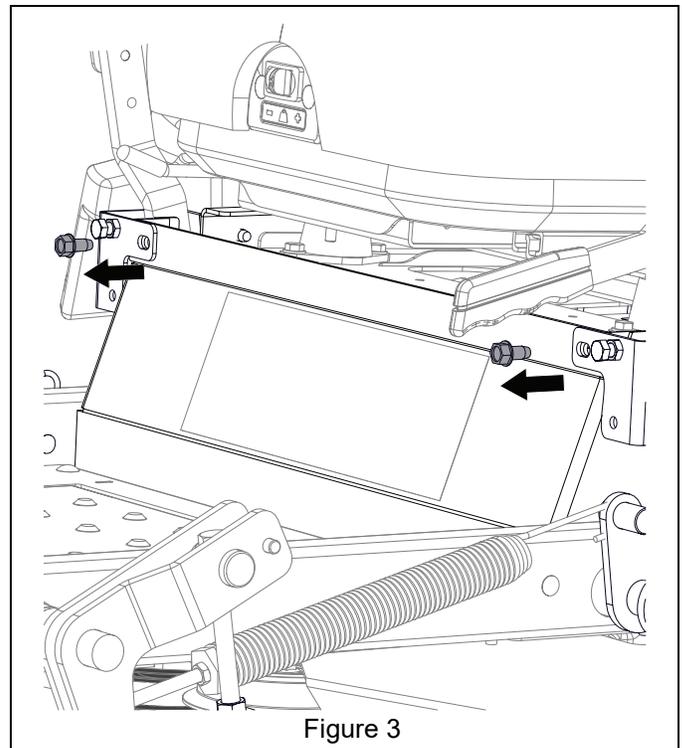


INSTALLATION

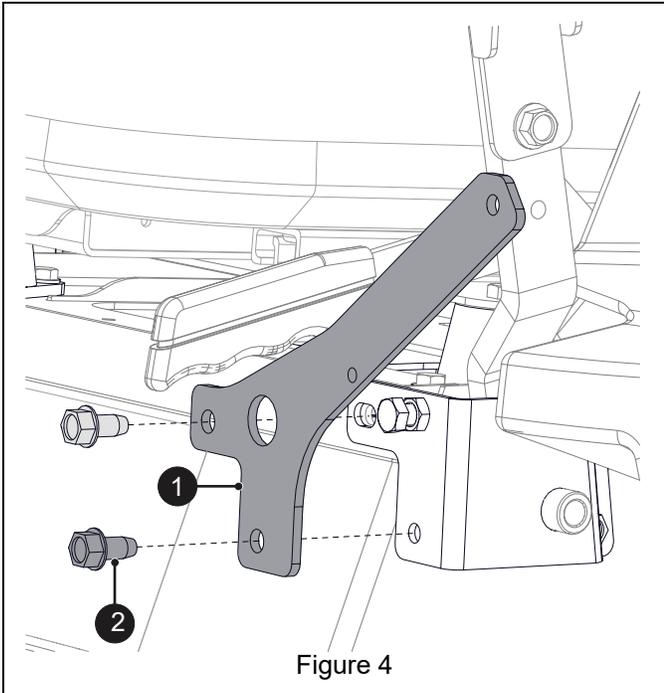
1. Stop engine, remove key, and engage parking brake. Wait for moving parts to stop and for hot parts to cool.
2. Disconnect negative battery cable.
3. Install brackets supplied with kit on back of headlights (item 3) using hex socket head screws and locknuts supplied with headlights. Do not fully tighten until headlights are adjusted. See Figure 5.



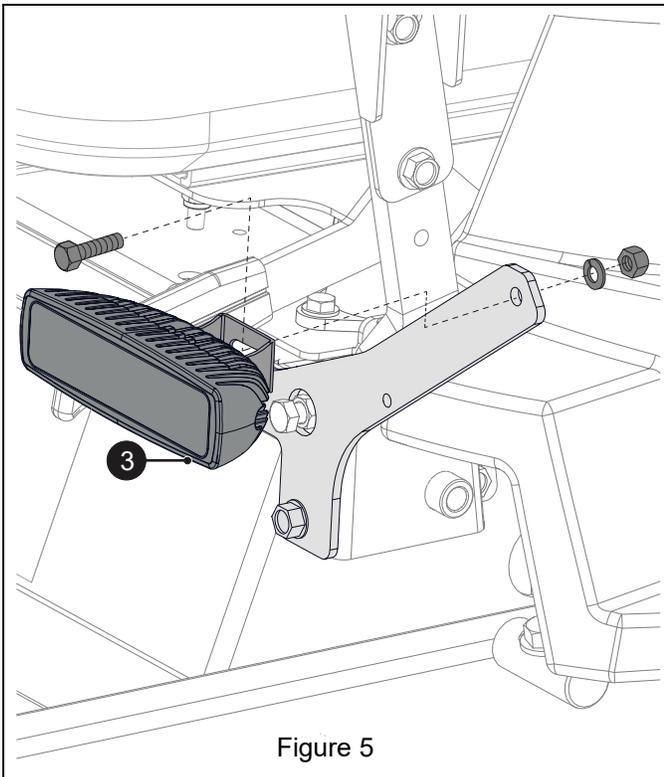
4. Remove and retain hex washer head screws from front of left and right control lever stop brackets. See Figure 3.



5. Position light mounting arm (item 1) on front of left control lever stop bracket and retain with hex washer head screw removed in step 4 and 3/8 x 3/4" hex washer head screw (item 2). See Figure 4.



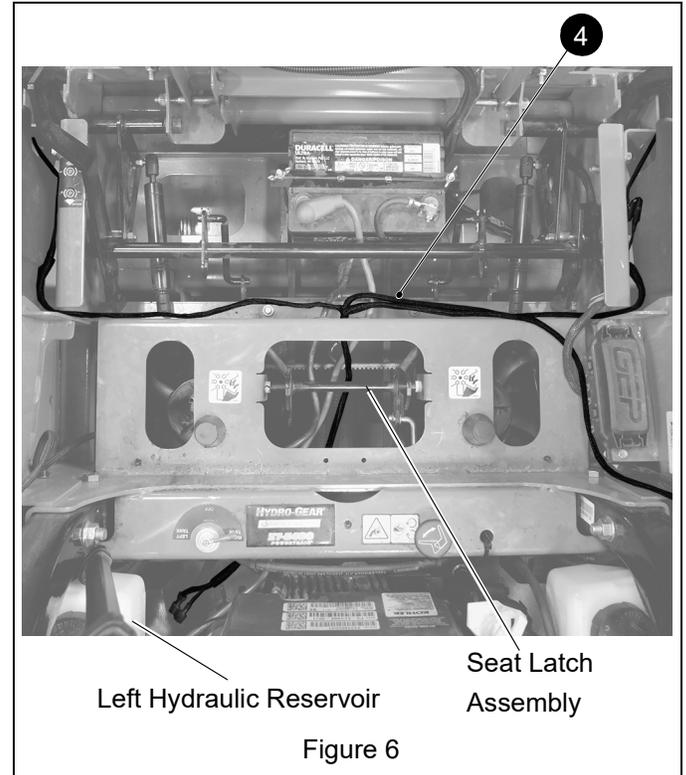
6. Install headlight assembly onto mounting arm using hex bolt, lock washer and hex nut supplied with headlight. Do not fully tighten until headlights are adjusted. See Figure 5.



7. Repeat steps 5 and 6 on right side of mower.

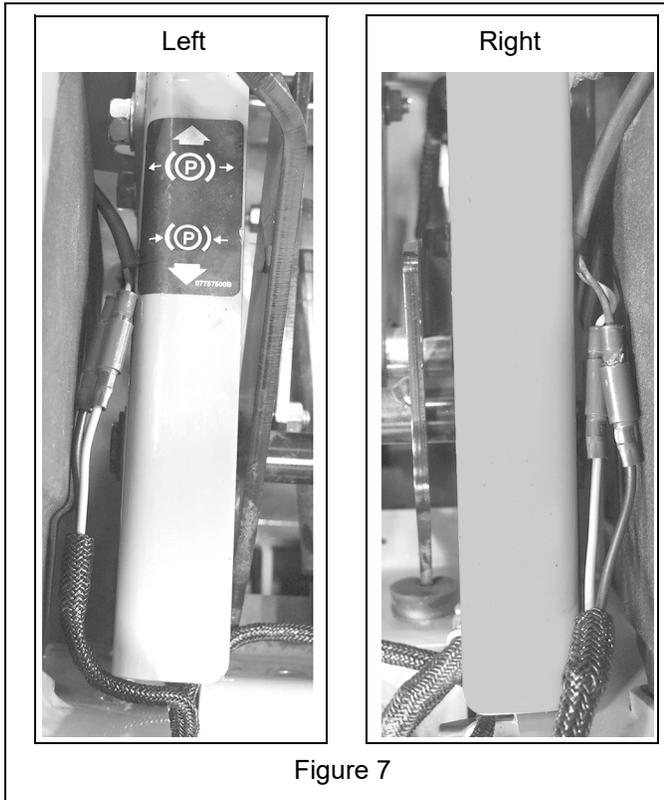
8. Position light harness (item 4) under seat as shown in Figure 6.

- Route purple and black harness under the seat latch assembly and crossmember back toward the left hydraulic reservoir.
- Route pink and black harnesses to the left and right of the frame forward toward the headlights.
- Route blue (2 wires) and purple harness to the back of the control panel assembly.

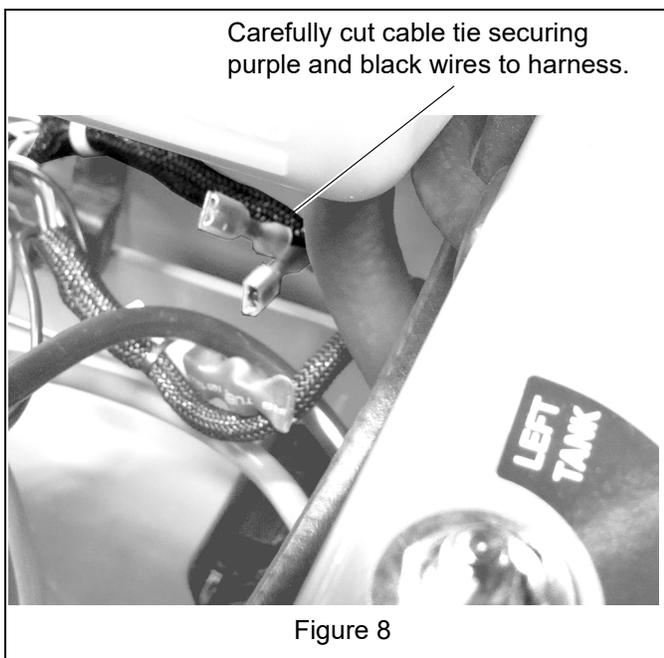


9. Connect left and right headlights to main wiring harness. Connect:
- pink headlight wires to blue harness wires
 - black wires to black wires.

See Figure 7.



10. Locate the purple and black accessory wire connectors in mower wire harness. Wires are located just below the left hydraulic reservoir. Carefully cut the cable tie securing the wires to the main harness. See Figure 8.

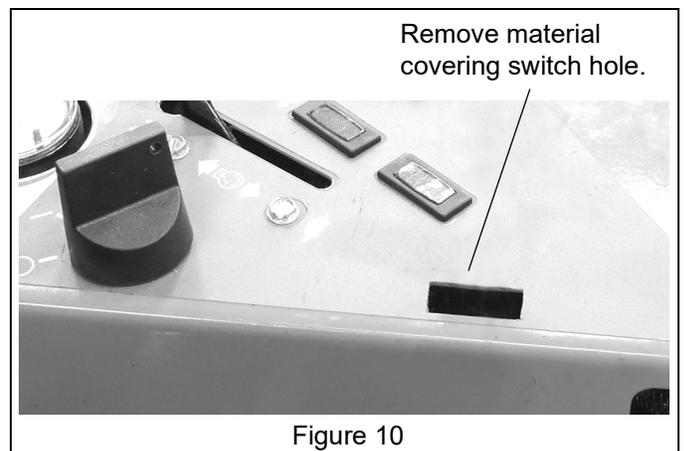


11. Connect the headlight harness wires to the accessory wires. Connect:
- black wire to black wire.
 - purple wire to purple wire.

See Figure 9.



12. There is a rectangular cutout for the switch under the control panel decal. Press against the decal material to determine the hole edges and use a utility knife or similar tool to remove the material covering the switch hole. See Figure 10.



13. Route blue (2 wires) and purple wire harness under control panel and up through switch hole. See Figure 11.



Figure 11

14. Connect switch (item 5) to wires. See Figure 12.

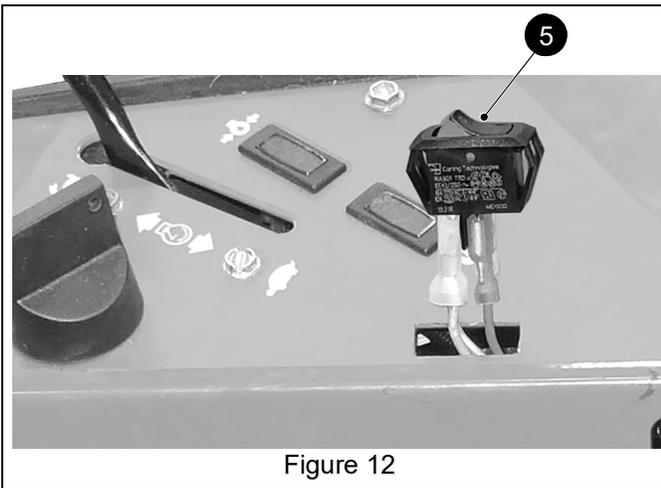


Figure 12

15. Press switch firmly into switch hole until it snaps into position. Secure headlight harness to main harness with cable tie (item 6). See Figure 13.

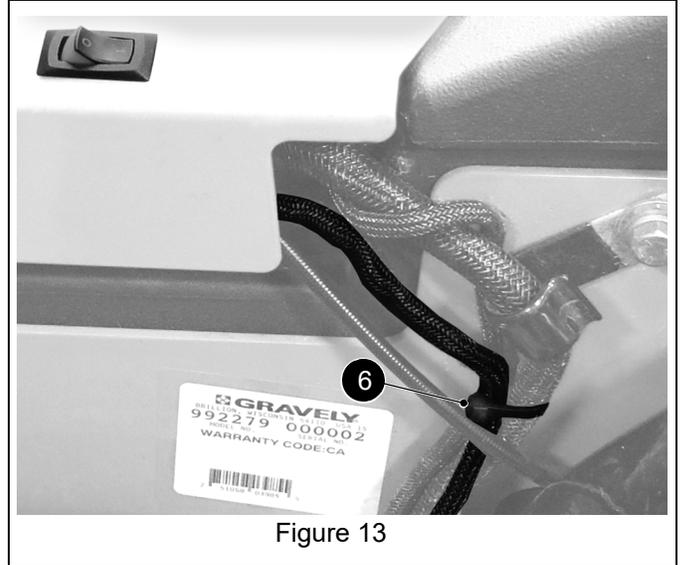


Figure 13

16. Secure headlight harness to frame using four cable ties (item 6). See Figure 14.

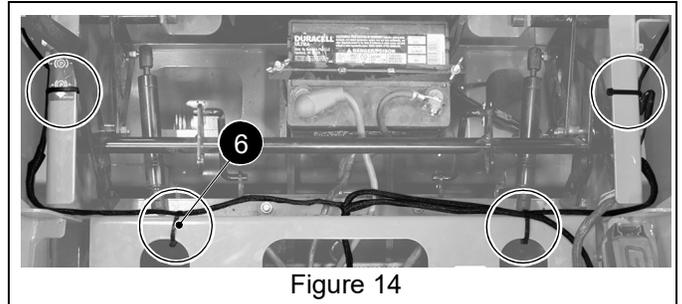


Figure 14

- Secure left and right headlight harnesses to holes in light mounting arms using two cable ties (item 6). See Figure 15.

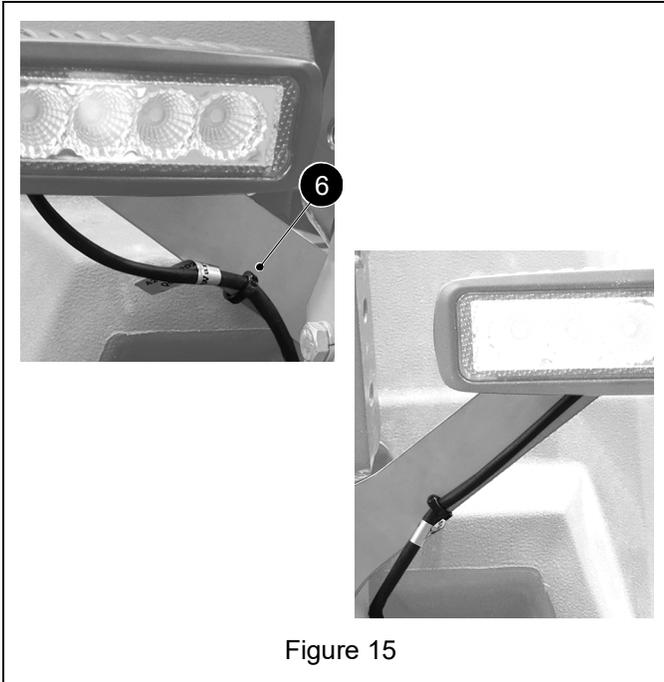


Figure 15

- Reconnect negative battery cable.
- Turn on ignition key and headlights.
- Level headlights and tighten hex nuts and bolts.
- Adjust headlight angle and tighten hex socket head cap screws using supplied Allen wrench.
- Turn off headlights and ignition key.