

# Instruction Sheet

## Kit Number: 79700500

### EV BEACON LIGHT KIT



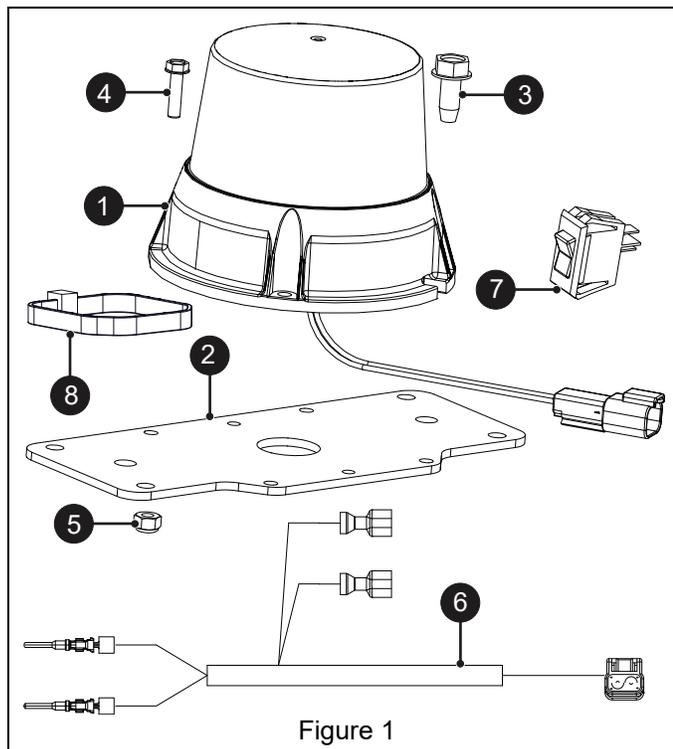
**WARNING: FAILURE TO FOLLOW INSTRUCTIONS** could result in personal injury and/or damage to unit.

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	AriensCo P/N
1	LED Amber Strobe Light	1	04959300
2	Beacon Mounting Bracket	1	09380551
3	5/16"-18 x 3/4" Hex Washer Head Tapping Screw	2	07400127
4	#10-24 x 3/4" Hex Washer Head Bolt	4	05901837
5	#10-24 Nylon Locking Nut	4	06500915
6	Beacon Light Harness	1	09194000
7	2-Pole Rocker Switch	1	08973300
8	15 1/4" Tie Wrap	3	04003500

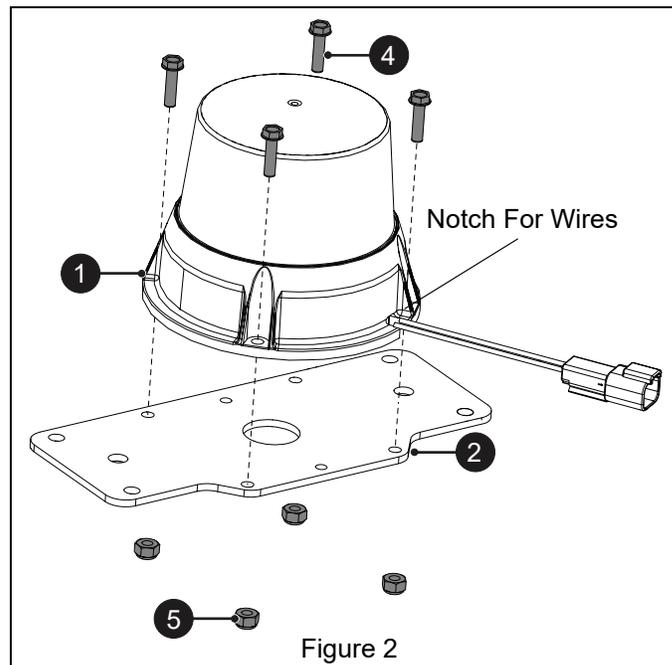


### INSTALLATION



**CAUTION: AVOID INJURY! ALWAYS** remove all batteries from mower before performing any service.

1. Stop unit and remove key.
2. Wait for all moving parts to stop and for hot parts to cool.
3. Open rear cover and remove all batteries from mower.
4. Tilt operator's seat forward.
5. Mount strobe light (item 1) to mounting bracket (item 2) with four #10 x 3/4" hex washer head bolts (item 4) #10 nylon locking nuts (item 5). Ensure that wires are routed through notch in strobe light base before tightening. See Figure 2.



6. Secure light assembly to ROPS using two 5/16" x 3/4" hex washer head tapping screws (item 3). See Figure 3.

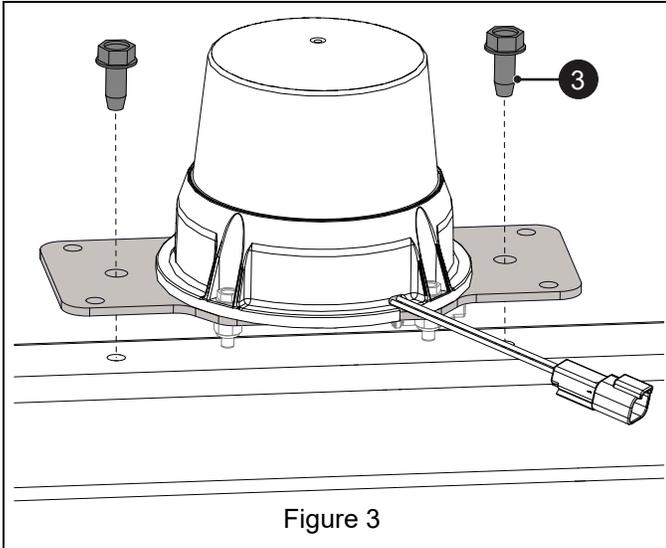


Figure 3

7. Remove and retain fasteners retaining left control panel. Disconnect speed selector switch and USB port connectors and remove control panel. See Figure 4.

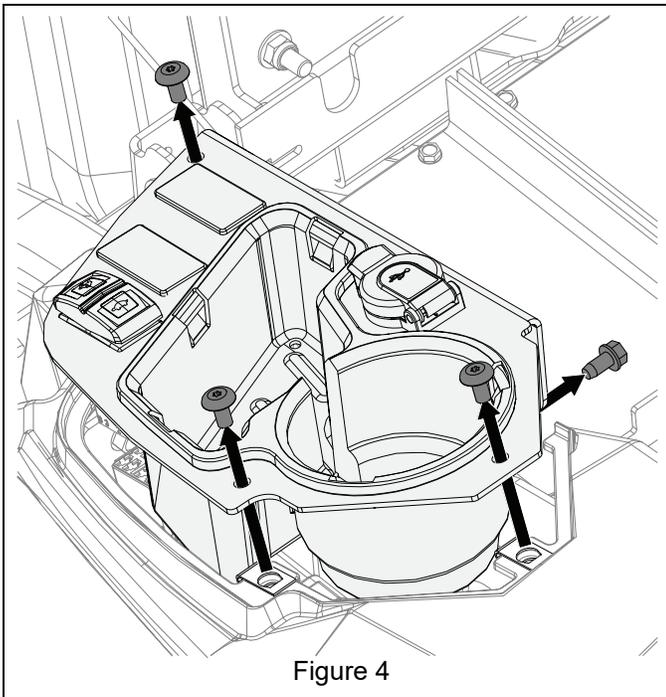


Figure 4

8. Connect wire beacon harness connector (item 6) to strobe light connector.
9. Route harness down left inside of ROPS and into left fender. Secure harness to ROPS with three tie wraps (item 8). Leave sufficient slack at hinge to allow ROPS to be rotated without stretching or pinching harness. See Figure 5.

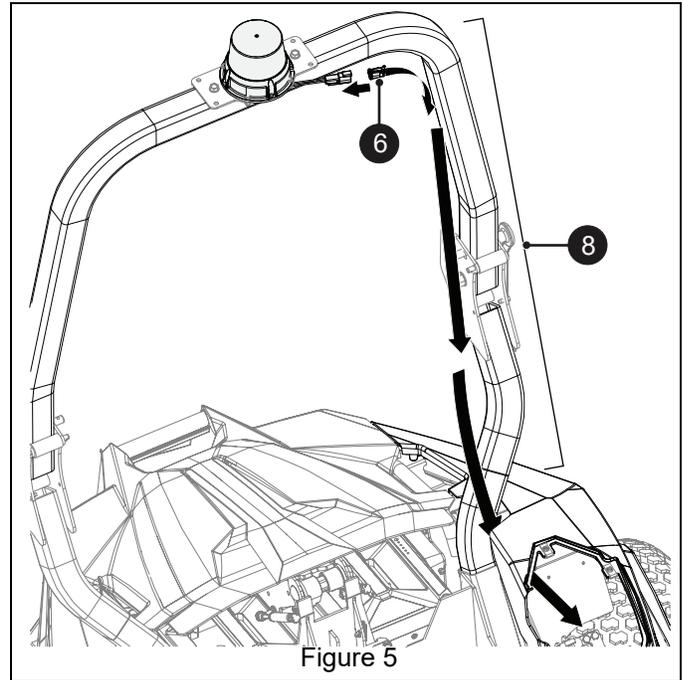


Figure 5

10. Locate accessory plug inside of left fender. See Figure 6.

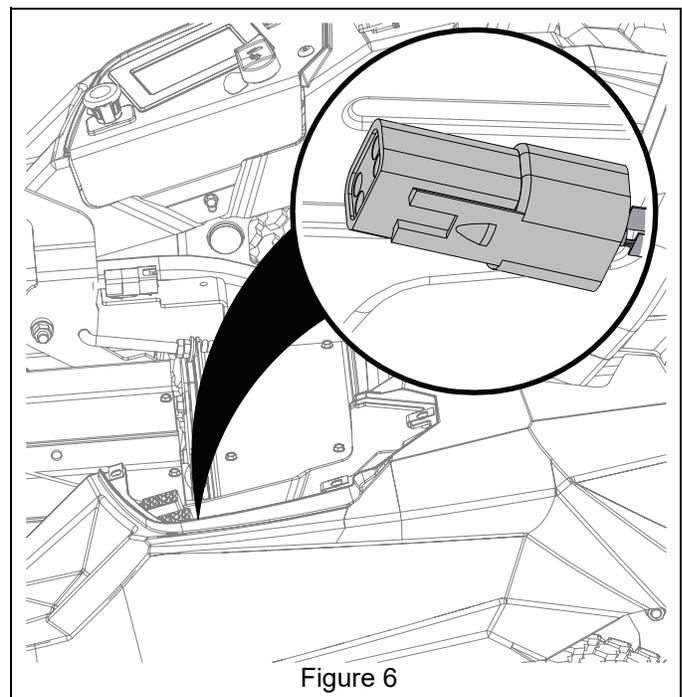


Figure 6

11. Separate accessory plug. See Figure 7.

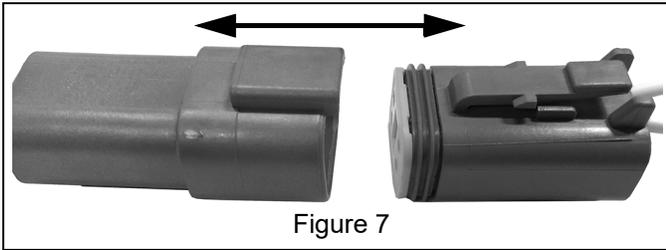


Figure 7

12. Using a right-angle pick or similar tool, remove and retain pin lock from inside connector. See Figure 8.

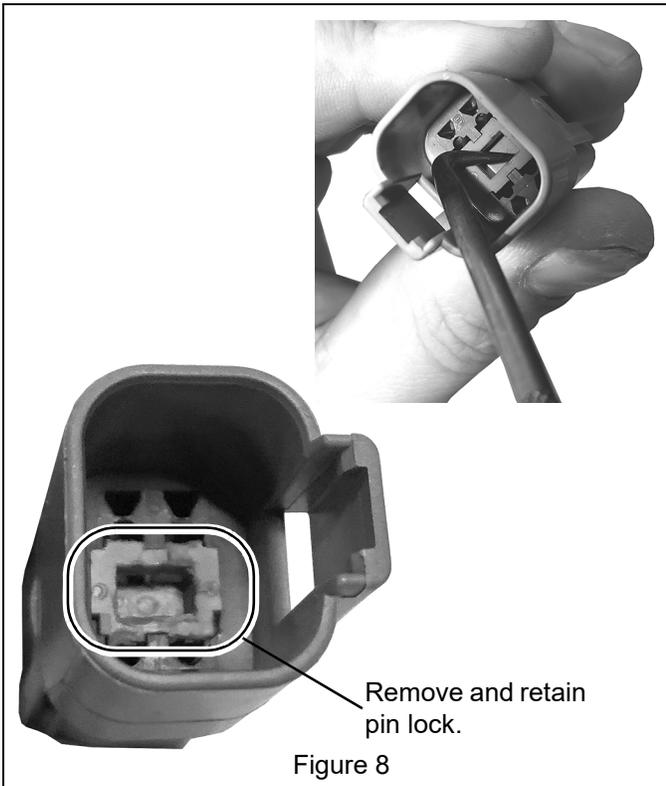


Figure 8

13. Remove two protective pins from accessory plug and insert round pin connectors on light harness into plug.

- Connect white / black wire pin connector to sockets 1 or 4.
- Connect black wire pin connector to sockets 2 or 3.

**IMPORTANT:** Choose one side of the plug or the other. DO NOT connect diagonally. See Figure 9.

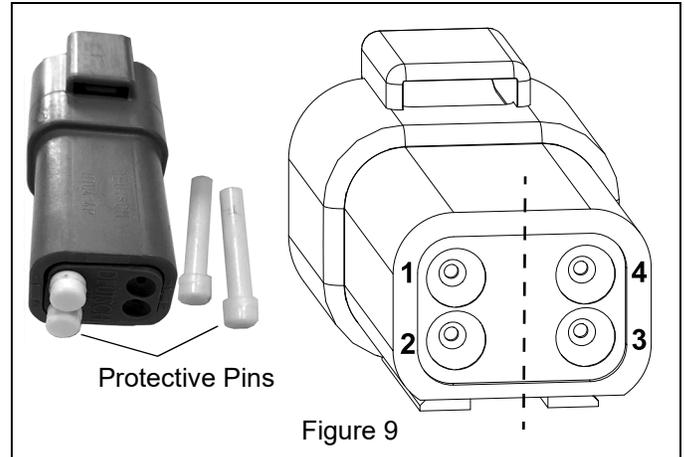


Figure 9

See Figure 10.

14. Ensure that pin connectors are fully seated in plug.  
15. Position pin lock back into plug and lock into position using a flat-blade screwdriver or similar tool.  
16. Reconnect accessory plug.

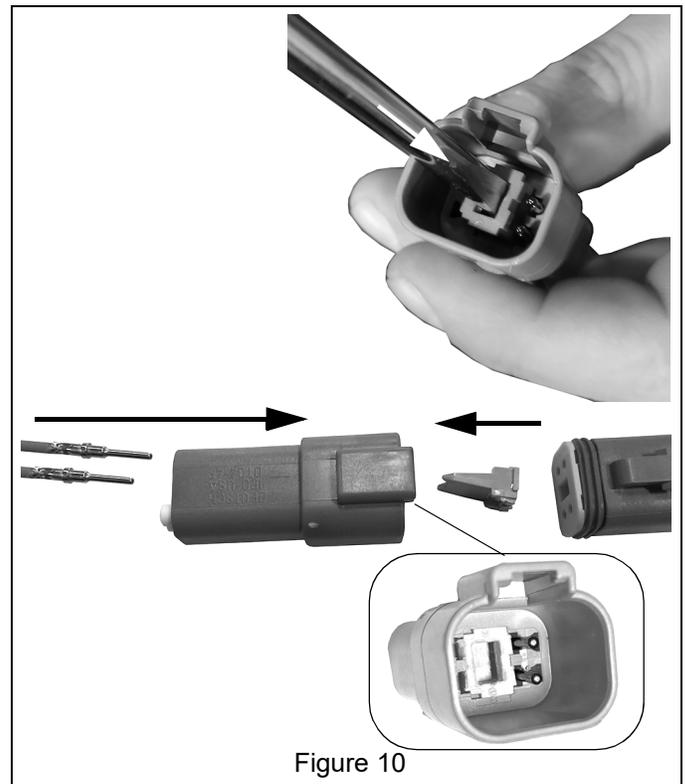
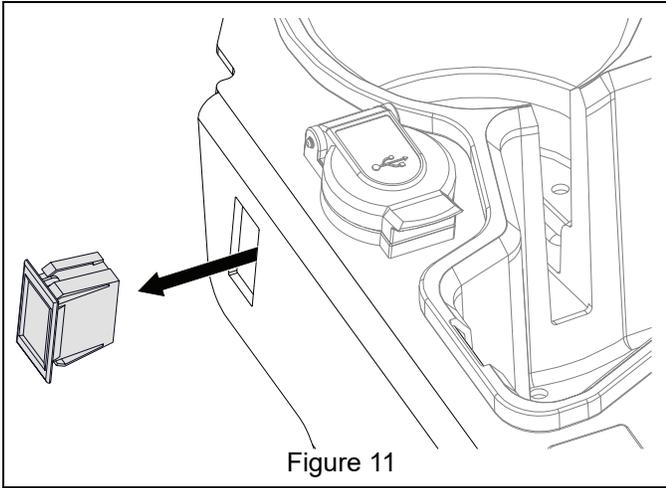
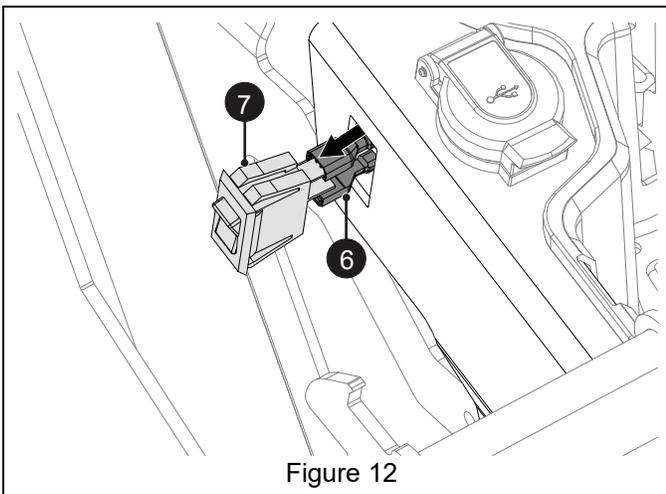


Figure 10

17. Remove and discard switch blank from left control panel. See Figure 11.



18. Reposition control panel and reconnect USB port and speed selector switch. Route black / white and black wires with flat connectors through switch hole in control panel. Connect spade terminals to rocker switch (item 7). Rocker switch does not have polarity. Wires can be connected to either switch terminal. Secure control panel with fasteners removed earlier. Do not fully install switch yet. See Figure 12.



19. Reinstall battery or batteries and securely close cover.  
20. Return seat to operating position.

**NOTICE:** Operator must sit in seat once with key and beacon switch on for beacon to operate.

21. Sit in operator's seat.
22. Turn key switch and beacon switch to on position and verify strobe operation.
23. Return switches to off position.
24. Orient switch with red half of toggle in desired position. Press switch into switch hole until it snaps into position. See Figure 13.

