

# Instruction Sheet

## Kit Number: 79220900

### LED LIGHT KIT



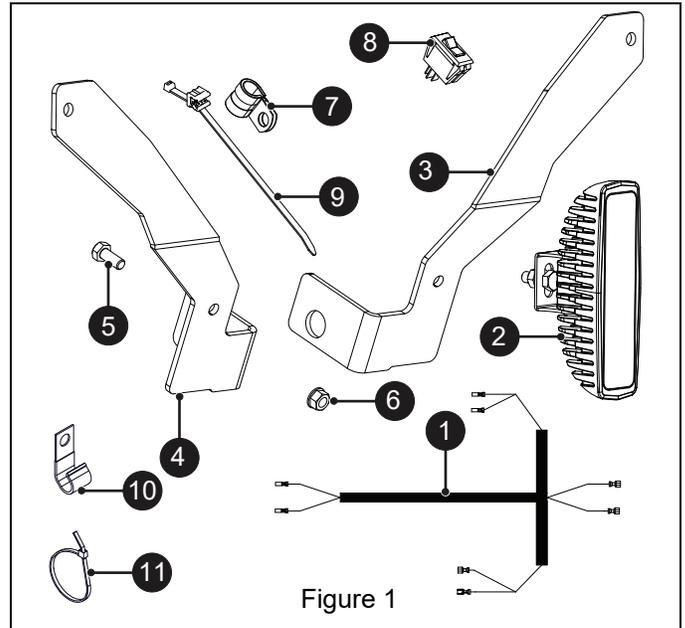
**WARNING: FAILURE TO FOLLOW INSTRUCTIONS** could result in personal injury and/or damage to unit.  
Read, understand, and follow all safety practices in Operator's Manual before beginning.

**IMPORTANT:** All references to the left, right, front or rear are given from the perspective of the operator in the operator's position, facing the direction of forward travel.

#### Package Content

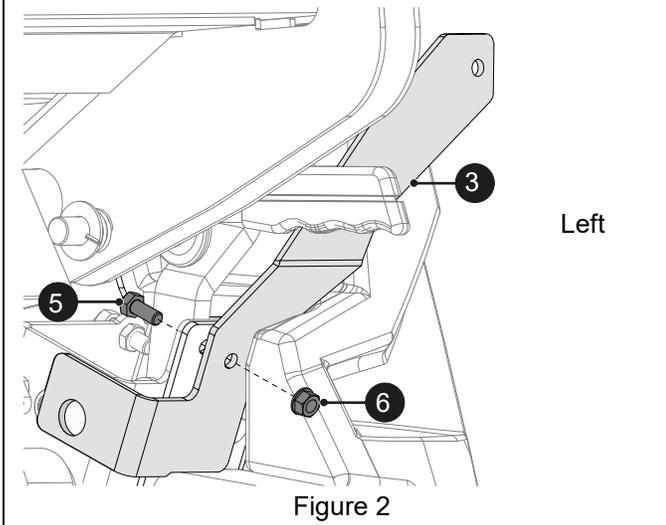
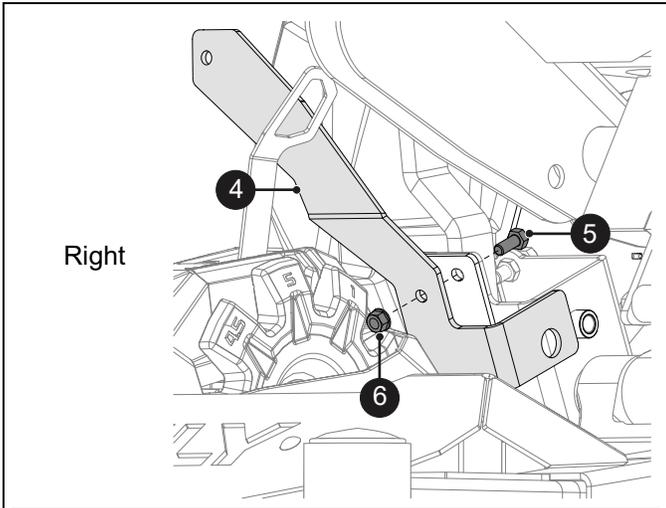
Check the contents of your kit for the parts listed below. Also see Figure 1.

Item	Description	Qty	AriensCo P/N
1	Headlight Wire Harness	1	09393500
2	LED Headlight With Bracket	2	04821100
3	Left Headlight Bracket	1	09393653
4	Right Headlight Bracket	1	09393753
5	5/16"-18 x 3/4" Hex Bolt	2	05901704
6	5/16"-18 Center Locking Flange Nut	2	06500840
7	Cushioned Steel Clamp	1	06908200
8	2-Pole Rocker Light Switch	1	08973300
9	EC23 Mount With Cable Tie	6	07500509
10	J-Clamp	2	06916000
11	5 1/2" Cable Tie	5	07517300

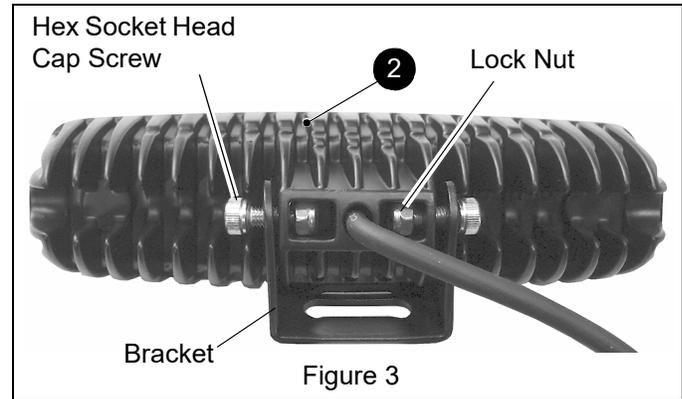


## INSTALLATION

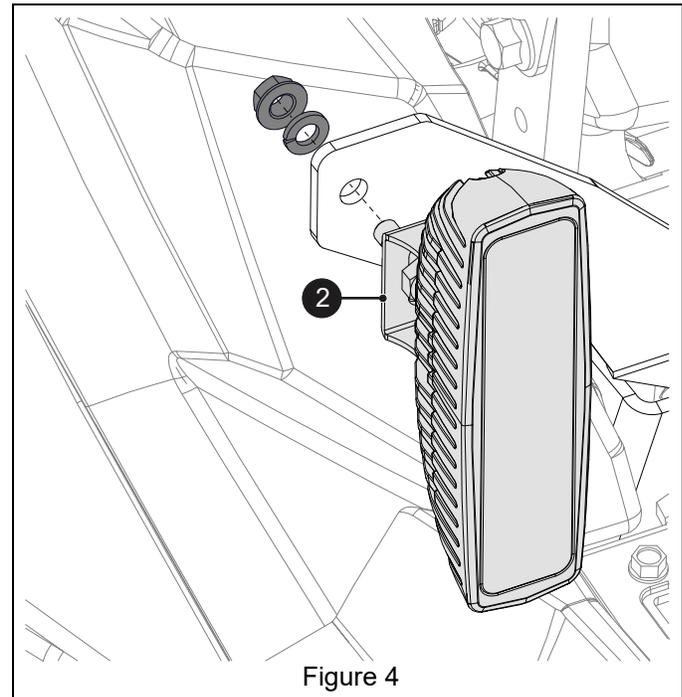
1. Stop engine, remove key and engage parking brake.
2. Wait for all moving parts to stop and for hot parts to cool.
3. Disconnect and isolate negative battery cable.
4. Lift and rotate footplate access panel rearward until it locks into place.
5. Position right (item 4) and left (item 3) headlight mounting brackets in front of lever pivot brackets and secure each with one 5/16" x 3/4" hex bolt (item 5) and one locking center flange nut (item 6). See Figure 2.



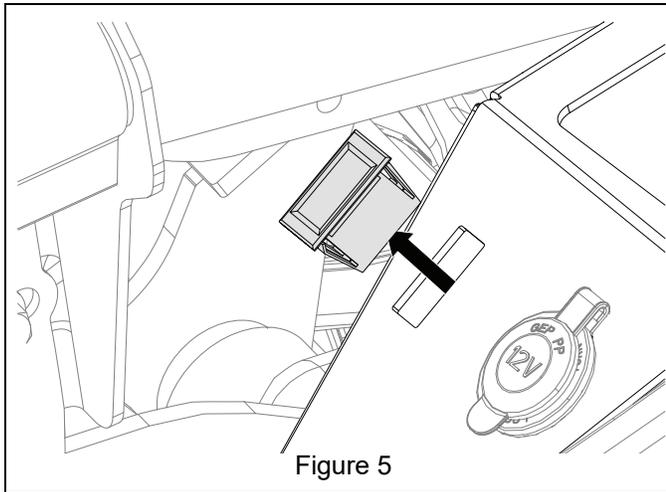
6. If not pre-installed, secure brackets to headlights (item 2) with included hardware. DO NOT completely tighten hardware until headlights are adjusted. See Figure 3.



7. Secure left and right headlights (item 2) to mounting brackets with included hardware. In this application headlights are more effective mounted vertically. Do not fully tighten. See Figure 4.

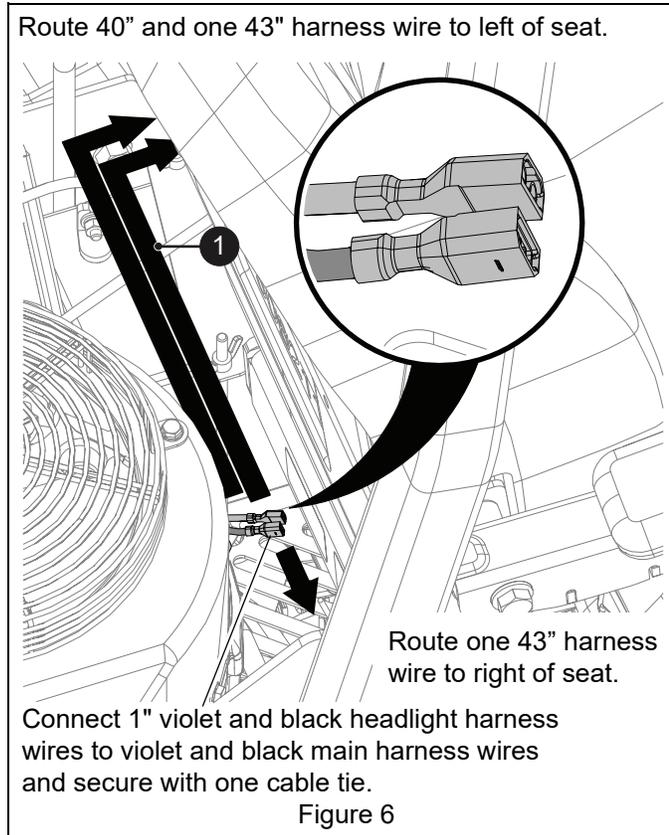


- Remove and discard switch blank from left control panel. See Figure 5.

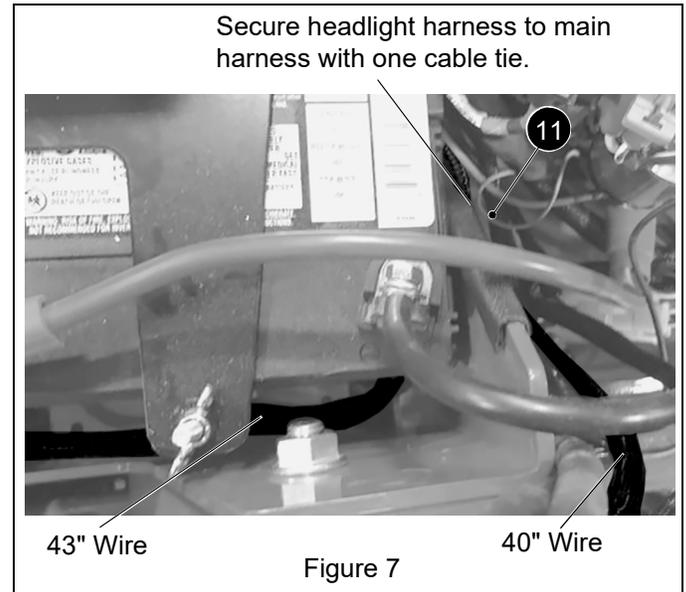


See Figure 6.

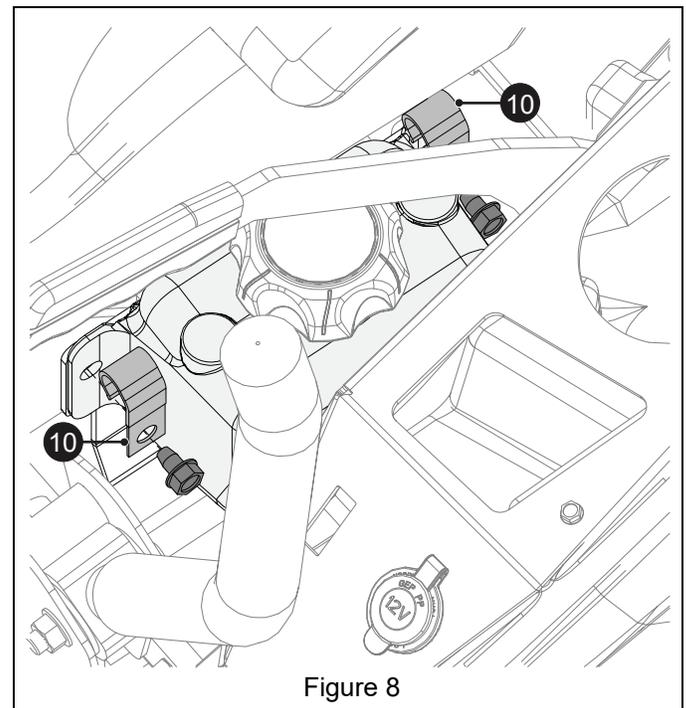
- Locate violet and black mower harness wires located in center of mower between engine and seat.
- Connect 1" violet and black headlight harness wires (item 1) to violet and black wires on mower harness. Violet connects to violet and black connects to black.
- Secure headlight harness to main harness with one cable tie (item 11).
- Route one 43" wire to left and one 43" wire right of seat.
- Route 40" wire to left of seat.



- Route 40" wire between battery and frame under hold-down bracket and 43" wire up toward left control panel. Secure headlight harness to main wiring harness behind battery with one cable tie (item 11). See Figure 9.

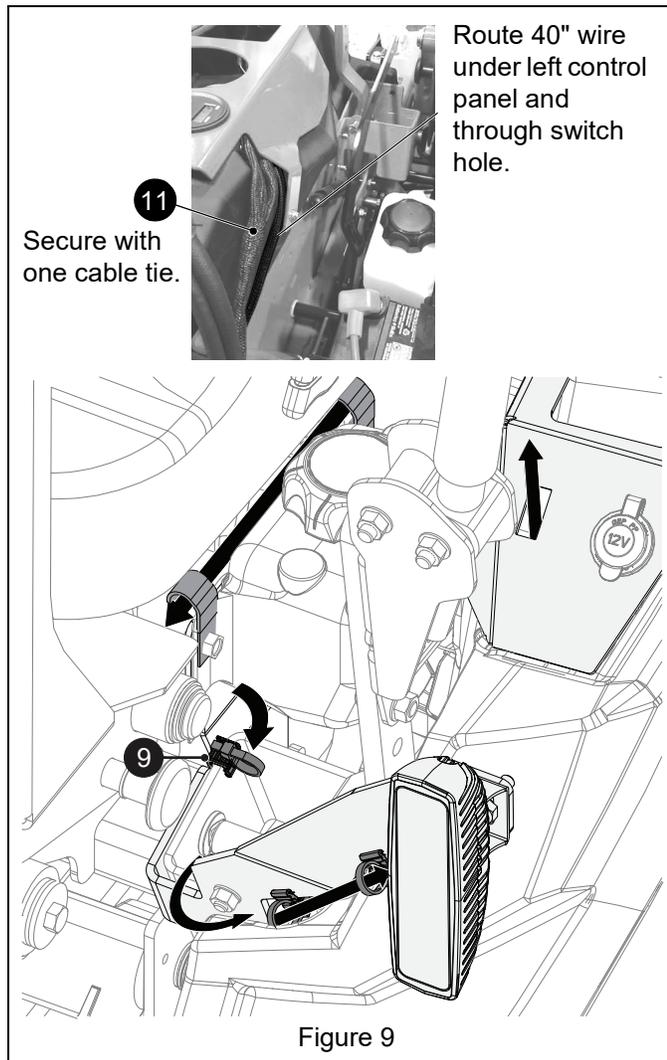


- Remove two tapping screws retaining left-side hydraulic reservoir and use screws to install two j-clamps (item 10). Hooks face center of unit. See Figure 8.



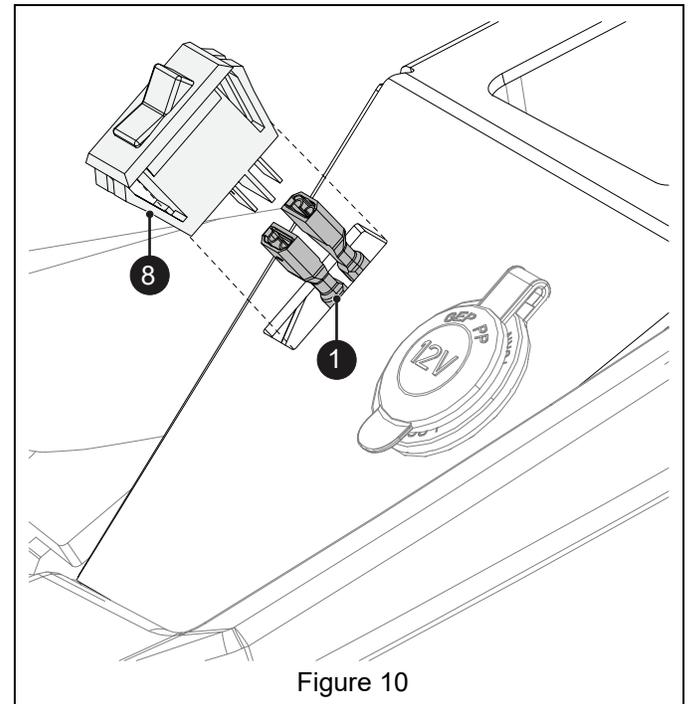
See Figure 9.

16. Route 43" wire along left frame, through j-hooks and forward to left headlight.
17. Connect black harness wire to black (or brown) headlight wire. Connect violet harness wire to red (or blue) headlight wire.
18. Route 40" wire along left frame to under control panel. Route wire through switch hole. Secure to unit wiring harness bundle with two cable ties (item 11).
19. Install three EC23 mounts (item 9) in positions shown. Insert cable ties into clamp locks but do not fully tighten.

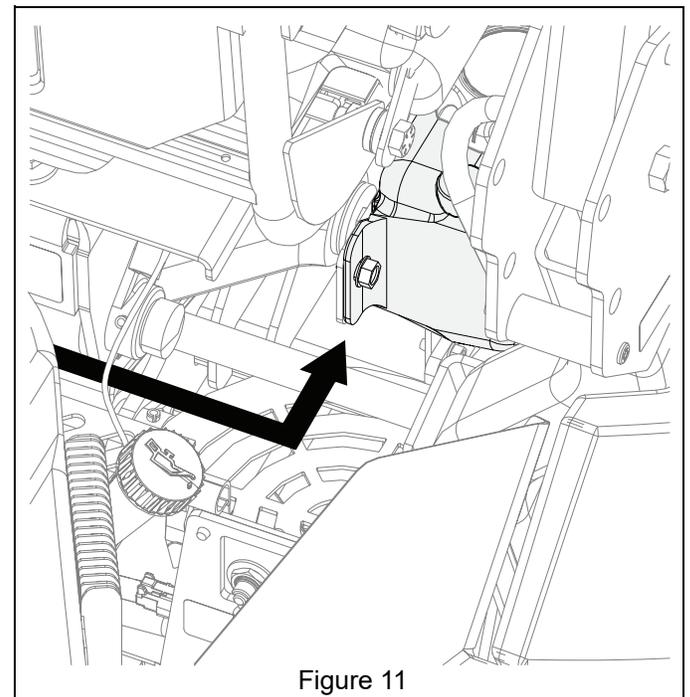


See Figure 10.

20. Connect headlight switch (item 8) to violet and black harness wires. Wires can be installed on either terminal; switch does not have polarity.
21. Choose direction for red indicator on rocker and insert switch into control panel. Press into position until it seats securely.



22. Route right headlight harness wire above fans toward right hydraulic reservoir. Secure headlight harness to main harness with two cable ties (item 11). See Figure 11.



See Figure 12.

23. Remove and retain rear tapping screw from right hydraulic reservoir.
24. Install cushioned steel clamp (item 7) on reservoir with screw just removed.
25. Route harness wire through cushioned clamp toward right headlight.

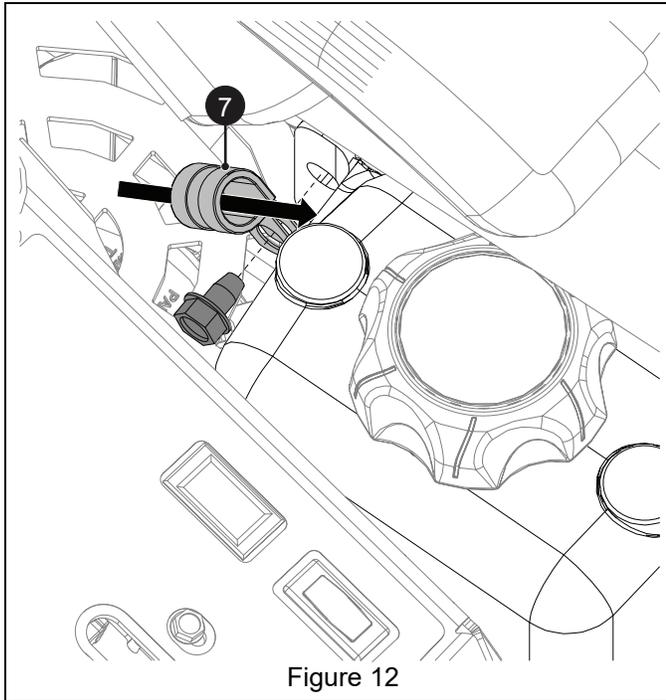


Figure 12

See Figure 13.

26. Install three EC23 mounts (item 9) in positions shown. Insert cable ties into clamp locks but do not fully tighten.
27. Connect violet harness wire to red (or blue) headlight wire and black harness wire to black (or brown) headlight wire.

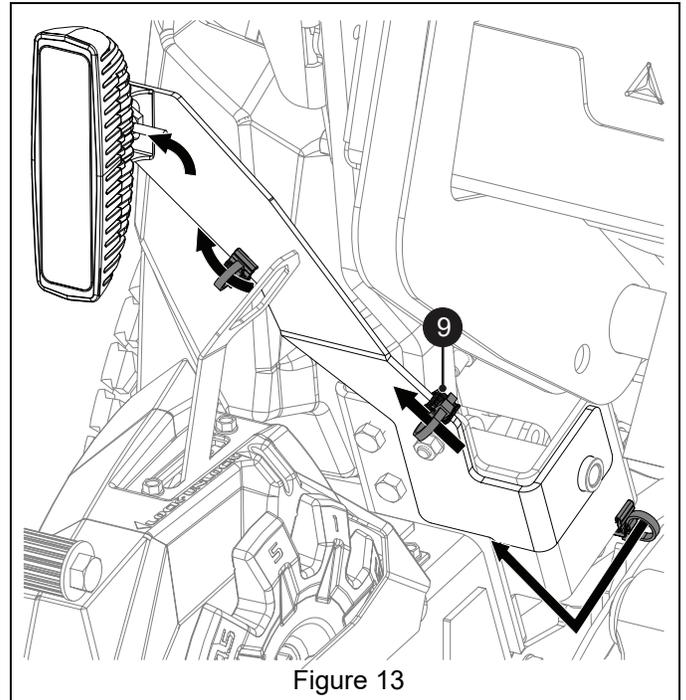


Figure 13

28. Check all wires to ensure they are routed away from hot or moving parts and tighten EC23 mount cable ties. Trim excess cable tie leads.
29. Secure right headlight harness to frame or main harness using two cable ties (item 11). Avoid hot or moving parts.
30. Reconnect negative battery cable.
31. Return footplate access panel to operating position.
32. Turn ignition key to on position and turn on headlights.
33. Adjust headlights and tighten hardware.
34. Turn off headlights and turn ignition key to off position.