

LHT YA3 7001 LIGHT WIRING

Instructions for Yamaha G14/G16/G19/G22 Models



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The Light Kit includes:

- (1) Main Wire Harness with Positive & Negative In-line Fuses.
- (1) Head Light Switch.
- (1) Left Hand Headlight.
- (1) Right Hand Headlight.
- (1) Brake Light Harness (for use with brake light switch not included)
- (16) Mounting Screws.
- (1) Set of Templates.
- (6) Tie Straps
- (1) Wiring Instructions.



**WEAR SAFETY GLASSES
OR APPROPRIATE EYE PROTECTION**

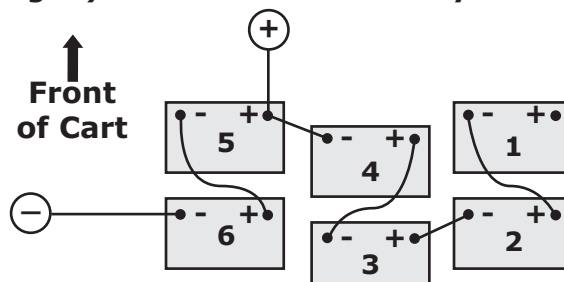
Begin by removing the seat and disconnect the battery and or battery pack. If your cart has a Run/Tow Switch, place the switch in the "Tow" position before disconnecting the battery pack.

- 1) Lay out all parts in an organized manner to ensure the parts and diagrams are correct.
- 2) Cut out the headlight/taillights as per the templates; clean up any loose materials and ruff edges. Use a 1/8" drill bit for the screw mounting holes.
- 3) Route the wire Harness along the side of the main harness toward the front of the cart making sure the harness does not interfere with moving parts or sharp edges. Ensure the color coding of the harness is matched to the appropriate headlight wire colors.
- 4) Mount the headlight switch in an area close to the key switch; use caution when drilling not to drill into wires or components. A 31/64" drill bit will work well for mounting the light switch.

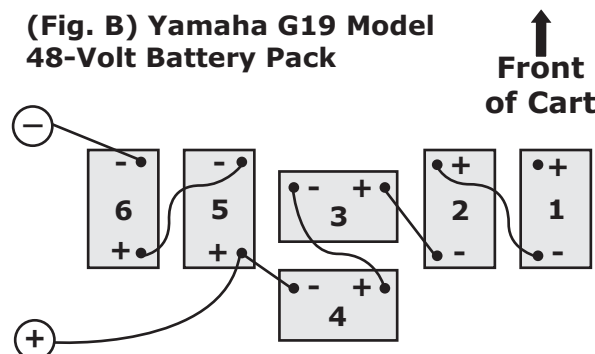
NOTE: The wiring harness is designed to work with a turn signal kit and brake light kit that can be installed at a later time.

- 8) All the light connections to the harness use push lock connectors that match the color of the wires. Force the connections together, until you feel them lock into place. They are matched to connect in only one direction.
- 9) Tie up all loose wiring and double check for the interference with moving parts.

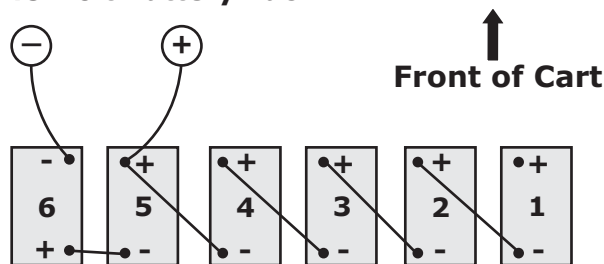
(Fig. A) Yamaha 36-Volt Battery Pack



(Fig. B) Yamaha G19 Model 48-Volt Battery Pack

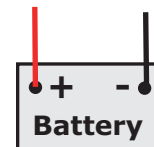


(Fig. C) Yamaha G22 Model 48-Volt Battery Pack



GAS CAR WIRING

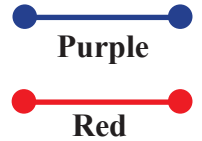
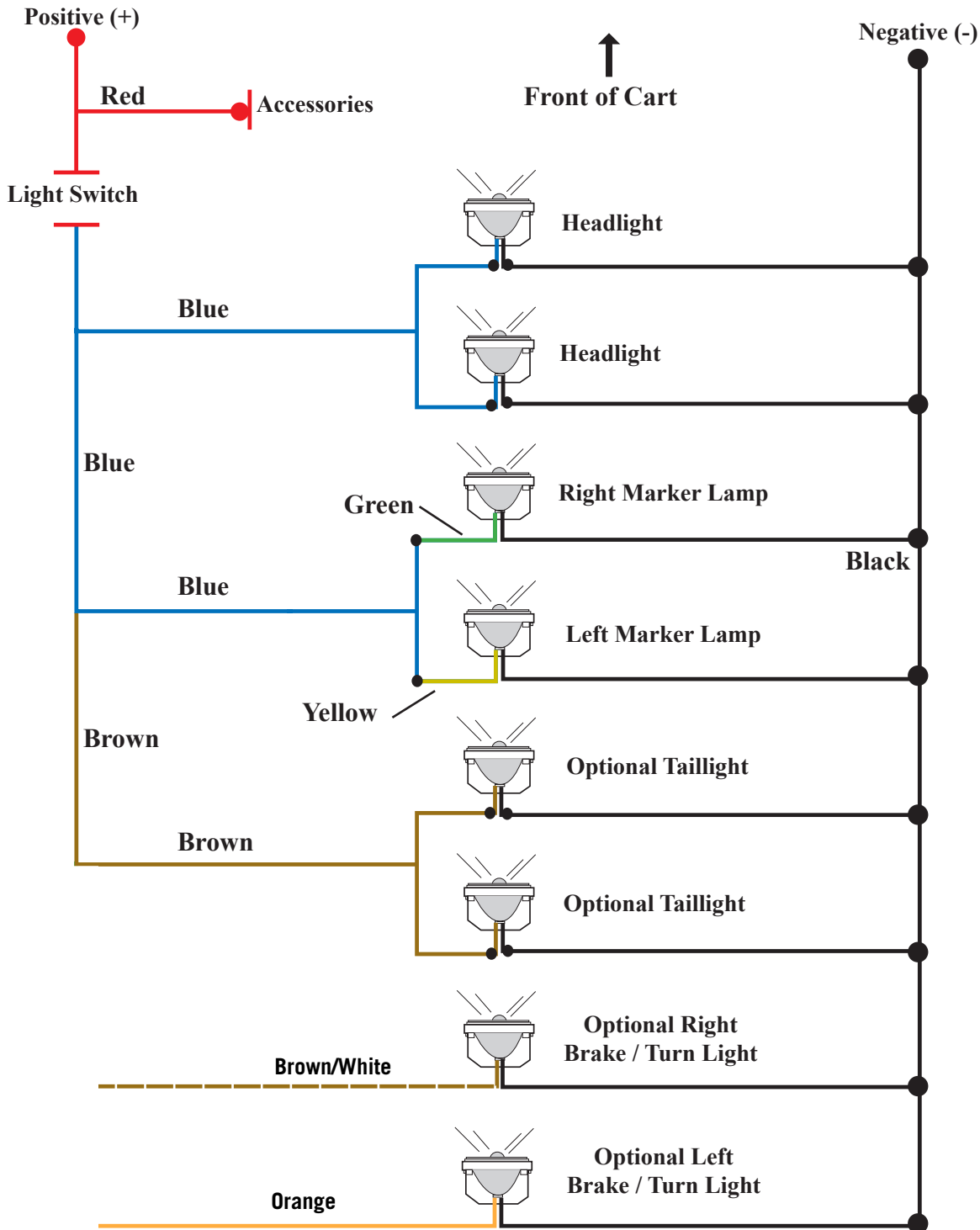
NEVER use frame ground on Yamaha gas cars. Always ground to the battery negative.



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NOTE: NEVER USE FRAME GROUND!

**NOTE: 36-VOLT VEHICLES WILL NOT
REQUIRE A VOLTAGE REDUCER.**



Brake Light Jumper for
use with Brake Light
and Turn Signal **ONLY**



NOTE: Blue and orange
Jumper leads for marker
lamps will be removed
for turn signal/brake light
system.



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YAMAHA Head Light Template Yamaha G14/16/19/22 Models

Using the dotted lines in templates A & B, align the two halves of the template and tape them together. Then cut around the out side edges and remove gray area marked "Head Light"

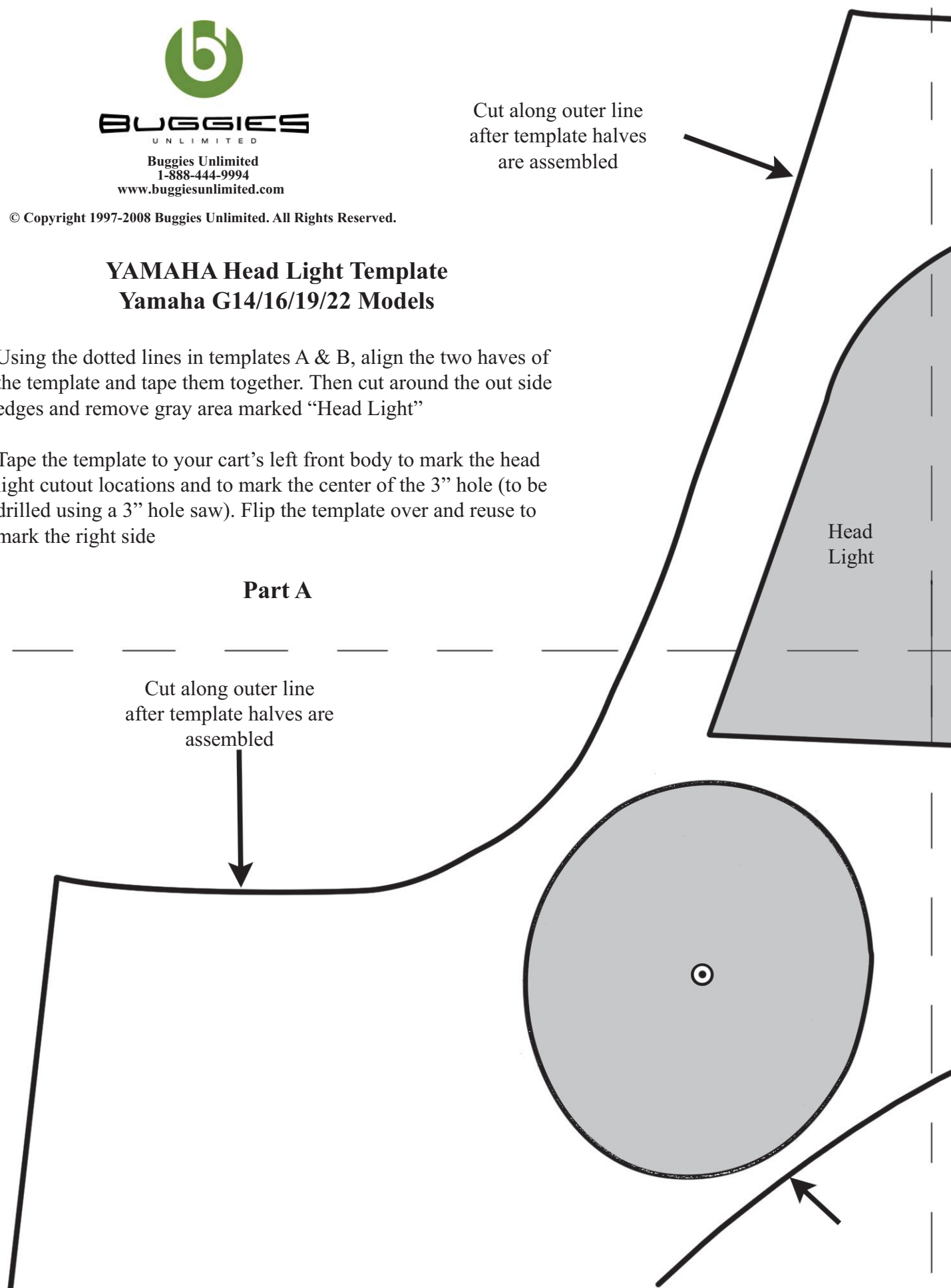
Tape the template to your cart's left front body to mark the head light cutout locations and to mark the center of the 3" hole (to be drilled using a 3" hole saw). Flip the template over and reuse to mark the right side

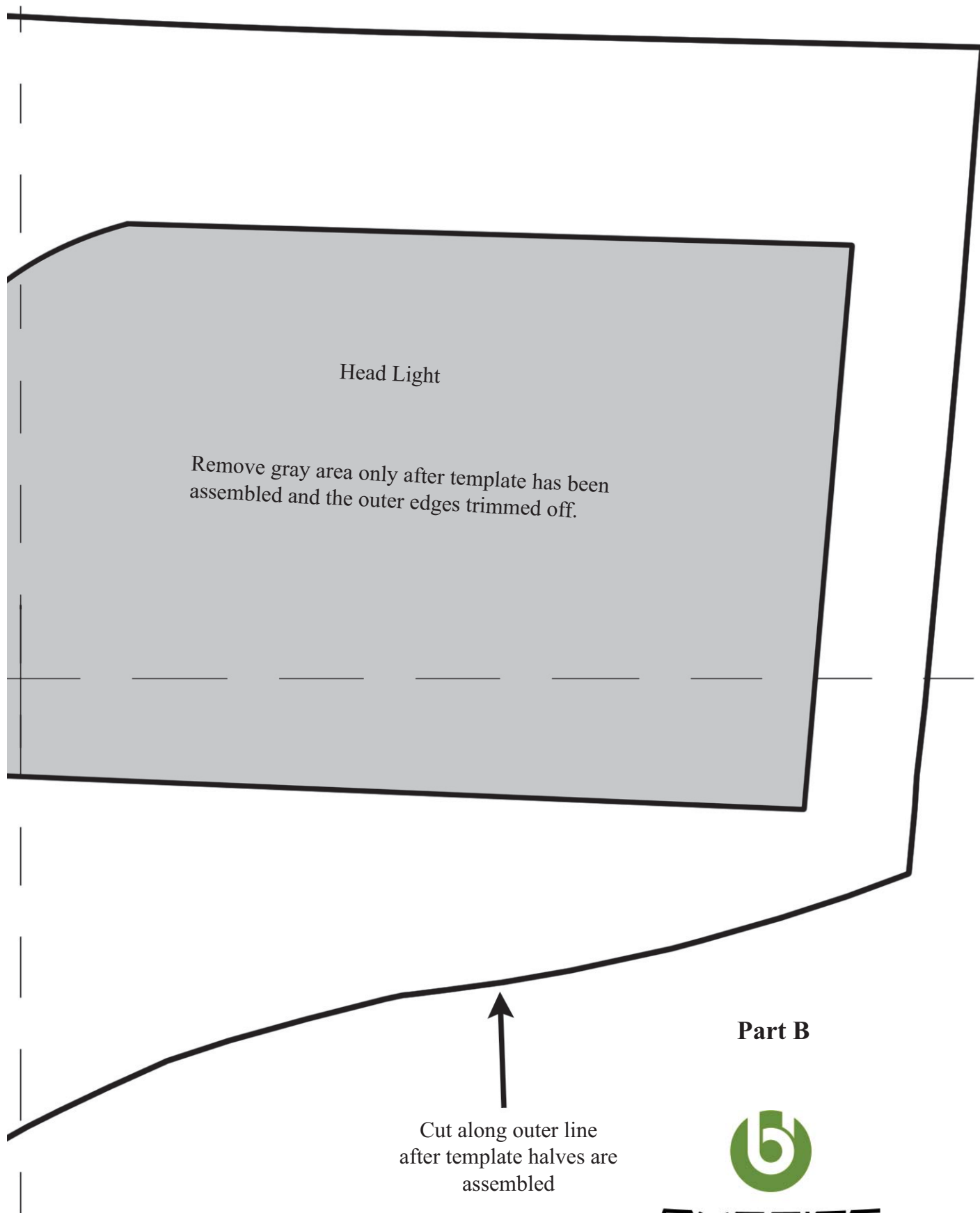
Part A

Cut along outer line
after template halves are
assembled

Cut along outer line
after template halves
are assembled

Head
Light





Head Light

Remove gray area only after template has been assembled and the outer edges trimmed off.

Part B



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