MadJax®

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02-015 / 02-022
Light Kit
will fit YAMAHA® drive®

INSTALLATION INSTRUCTIONS

INCLUDED:
2 Headlights
2 Tail Lights
Wiring Harness
Fasteners
Straps
Rocker Switch

TOOLS NEEDED:
Phillips Head Screw Driver
Cutting Tool
Sandpaper
Power Drill
15/32 Drill Bit

HEADLIGHTS & TAILLIGHTS   HARNESS

Madjax recommends professional installation. If you choose to not have this product installed by a professional, we highly recommend that you exercise caution, care, and patience when installing this product as it involves drilling holes into your cart's body.

1

Remove all plastic rivets from floor mat. Retain hardware. Remove floor mat.

2

Lift plate from floor to expose pedal assembly.

Route wiring harness through pedal assembly area to areas for headlights and tail lights. Route wiring harness through dash to mount headlight Rocker switch.
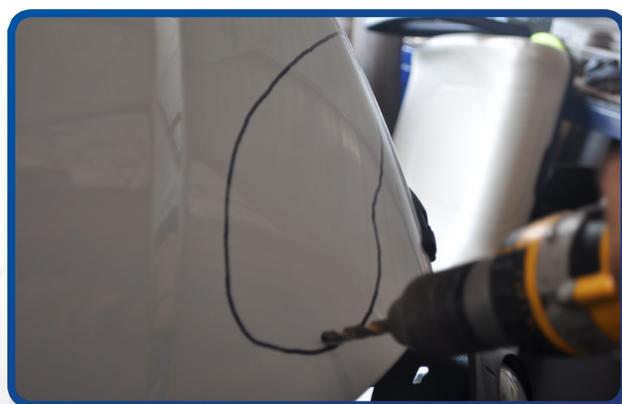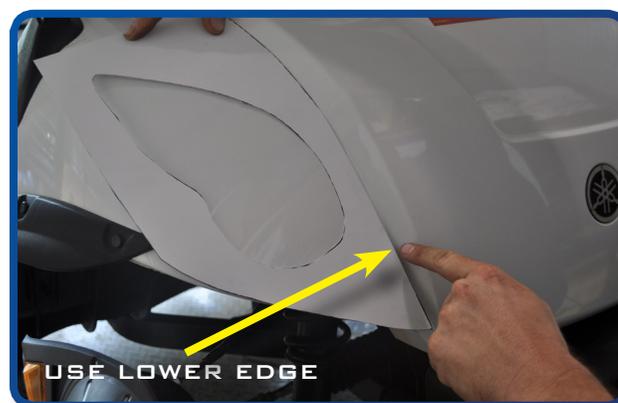
IMPORTANT: *Route wiring harness in such a way to prevent it rubbing against or being pinched by moving parts (e.g., suspension). When routing the harness to the rear of the vehicle, tuck the harness into the routing well that runs into the battery compartment and use opening in the front of the battery compartment.*

ROUTING WELL

Cut out templates.

IMPORTANT: *You MUST cut all lines on the templates. This will give the necessary guides for aligning the templates with the contours in the vehicle's bodywork.*

Align template to front cowling contour using the lower edge of the cowling as shown. Trace the inside of the cutout to mark the headlight position using a permanent marker (e.g., Sharpie®). Once right side cutout is traced, flip the template over and mark the left side.

USE LOWER EDGE

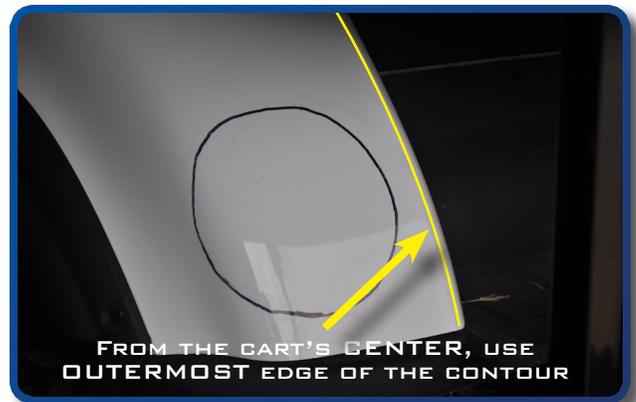Drill pilot holes on the INSIDE of the marks as shown.

7

Cut the cowling using a rotary tool (such as a Dremel® or RotoZip® – not included) fit with a bit specifically made for cutting plastic.

IMPORTANT: Cut the cowling to the inside of the mark.

8

Place headlight assemblies into cutouts and attach to wiring harness. Fasten headlight assemblies to cowling using the supplied fasteners.

9

Mark the rear cowling using the supplied template. Align the template to outermost of the edge closest to the vehicle's center, as shown.

From the cart's CENTER, use OUTERMOST edge of the contour

10

Drill a pilot hole.

11

IMPORTANT: As you approach the top of the cut, back out (reduce the depth of) the cutting tool to prevent cutting into the fender well.

12

Route wiring harness behind rear fender wells. Connect tail light to wiring harness and mount to body using supplied fasteners.

NOTE: To tell the left tail light assembly from the right tail light assembly, the smallest indentation in each tail light assembly surround will be towards the vehicle's CENTER.
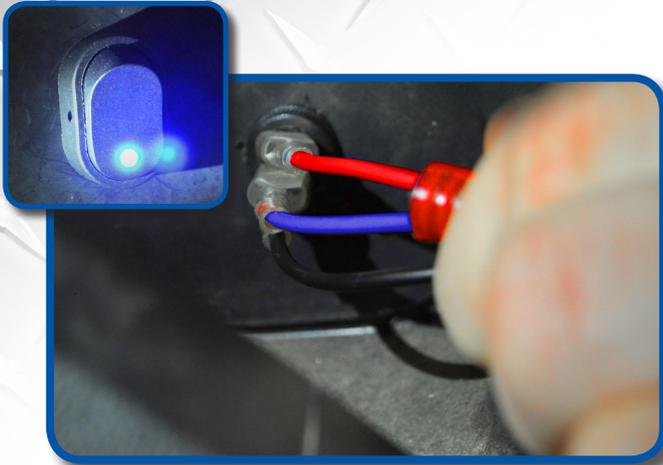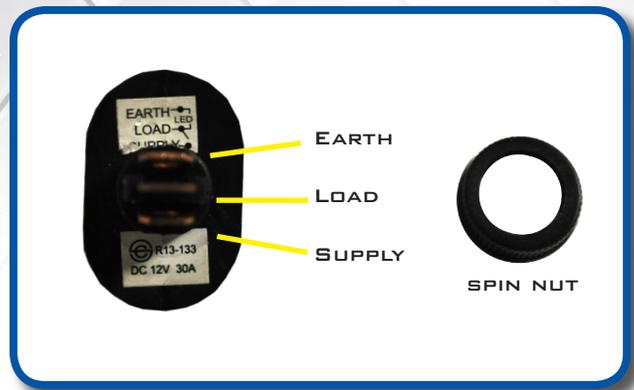

13

Secure the wiring harness to vehicle's main wiring harness in pedal assembly area using the supplied zip ties as shown.

IMPORTANT: Fasten the wiring harness to frame members in the front of the vehicle in order to prevent the harness from making contact, rubbing, or being pinched by moving parts, such as the suspension.

Zip Tie Locations (location at right of photo is behind brake pedal)

14

Tie the wiring harness to the main harness at the back of the battery compartment as shown.

15

Earth - Ground (black)
Load - 12v(+) switched (blue)
Supply - 12v(+) constant (red)

EARTH
LOAD
SUPPLY

SPIN NUT

16

Using a 15/32" drill bit, drill out the hole for the rocker switch.*Drill gently. Remove nut from rocker switch, feed switch through the drilled hole. and tighten with nut.

Attach harness to rocker switch as shown.

17

Connect the wiring harness to the battery pack.

IMPORTANT: The cart's battery pack configuration will determine how the wiring harness is connected to the battery pack.

CAUTION: THIS LIGHT KIT IS A 12V SYSTEM. SUPPLYING MORE THAN 12V TO THE SYSTEM WILL DAMAGE THE LIGHT KIT AND VOID YOUR WARRANTY. DO NOT OVERLOAD.

If your cart is equipped with **FOUR 12V** batteries, connect the wiring harness across one battery as shown below.

If your cart is equipped with **SIX 8V** batteries, you will need to use a 16V to 12V voltage reducer. In this case, you will connect the voltage reducer across **TWO** of the 8V batteries, and then connect the wiring harness to the appropriate connections on the voltage reducer.

TERMINALS

Yamaha® Drive® with 12V Battery Configuration

INSTALLATION COMPLETE

QUICK TIPS & TROUBLESHOOTING

Troubleshooting tips reflect common issues among all light kits. Some information stated below may regard to other Madjax Light kits. If you have more questions please contact customer service 866-410-5297.

The headlights won't stay adjusted?

Make sure the adjustment screw is tight and if it will not stay tight you can add a star washer to help hold it in place.

Everything is connected and nothing is working?

Make sure you are getting at least a full 12 volts at the light kit. Unplug each light to make sure it is not a short in one of the lights. Check the inline fuse connected to the positive battery post to make sure it is not blown.

PLEASE VISIT WWW.MYMADJAX.COM
FOR MORE INSTALLATION
VIDEOS AND SUPPORT

02-018 ULTIMATE LIGHT KIT HARNESS

RED = 12V CONSTANT
BLUE = 12V+
GRAY = FLASHER, DRIVER HEADLIGHT
GREEN = FLASHER, PASSENGER HEADLIGHT
BLACK = GROUND
WHITE = FLASHER, DRIVER TAIL LIGHT
BROWN = FLASHER, PASSENGER TAIL LIGHT
YELLOW = 12V BRAKE
PURPLE = 12V HORN

RED CONNECTORS ARE FOR PASSENGER LIGHTS

BLACK
BROWN
BLUE

BLACK
WHITE
BLUE

3700mmBLACK
3200mmBROWN
3700mmBLUE

800mmBLACK
2600mmWHITE
800mmBLUE

1200mmBLACK

15A Fuse

2530mmRED

500mmBLACK
550mmRED
1180mmYELLOW

550mmBLACK
550mmBLUE
550mmRED

YELLOW
WHITE
PURPLE

BROWN

Front View

BLACK

GRAY
GREEN
RED

740mmGREEN

670mmPURPLE
400mmBLACK

350mmBLUE
740mmGRAY
350mmBLACK

BLUE
GRAY
BLACK

BLUE
GREEN
BLACK

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