

CUSTOM DYNAMICS Motorcycle Lighting Accessories

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LEDs are brighter, last longer and draw less power than stock bulbs. Whether or not the LEDs are for functionality purposes or just for looks, they are a great addition to any Harley-Davidson®. Custom Dynamics' circle LED boards come in many different configurations. We will show the installation of their white and red LED boards. When using LEDs, the Street Magic turn signal stabilizer will need to be used. The Magical Wizard™ Super Light Kit comes with eight color-changing pods, the control module, two individual key fobs and all of the necessary mounting hardware.



Custom Dynamics' circle LED boards, turn signal stabilizer, and Magical Wizard™ Super Light Kit



BEFORE
This 2011 Street Glide will receive a lighting makeover from Custom Dynamics.



1
Place a flat-blade screwdriver into the slot on the turn signal lens.



2
Twist the flat-blade screwdriver to remove the lens cover.



3
Push the stock light bulb in and turn it counter clockwise to remove it.



4
Apply dielectric grease onto the new LED socket.



5
Place a flat blade into the socket, then push in and turn clockwise.



6
Push the LED board into the turn signal housing.



7
Install the lens cover onto the turn signal housing.



8
Here's the difference between the Custom Dynamics LED (left) and stock (right).



9
Insert a flat blade in the left-side front turn signal and twist it to release the cover.



10
Remove the front turn signal lens.



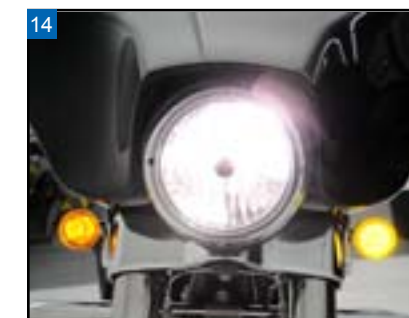
11
Push the stock light bulb in and turn counter clockwise to remove it.



12
Using a flat blade, install the LED board socket by pushing in and turning counter clockwise.



13
Reinstall the turn signal lens.



14
This is the LED board (right) lit up and ready for everyone to see.



15
Remove the seat's mounting hardware and seat.



16
Remove the saddlebags and set them aside.



17
Remove the left side cover to allow access to the taillight wiring.



18 Snip the cable tie holding the rear lighting harness in place.



19 Unplug the rear lighting harness.



20 Plug the Street Magic light stabilizer module into the main wiring harness.



21 Plug the other side of the stabilizer module into the rear lighting harness.



22 Tie wrap the wire harness in place.



23 Place the stabilizer module in a convenient location.



24 Tie wrap the module in position.



25 Route the power wire to the battery box.



26 Reinstall the left side cover.



27 Loosen and remove the ECM caddy's mounting hardware.



28 Disconnect the negative battery terminal.



29 Disconnect the positive terminal.



30 Add the power wire from the stabilizer and the Light Wizard harness.



31 Install the negative from the Light Wizard harness and tighten the battery terminal.



32 Position the ECM caddy over the battery.



33 Install and tighten the caddy's mounting hardware.



34 Install the wire from the Color Command™ remote control module harness into the Lever Locks.



35 Install the corresponding wire from the Magical Wizard.



36 Plug the wiring harness into the Color Command remote control module.



37 Install the fuse into the inline fuse holder.



38 With one of the lights powered up, you can try it in different locations to find out where the Magical Wizard pod works the best.



39 Once the pod locations are determined, remove the adhesive promoter from the package.



40 Wipe the locations where the pods will be placed with the promoter sponge.



41 Peel the backing off of the adhesive on the light pod.



Stick the light pod in position and hold it for 10 seconds.



Route the pod wiring to the battery box.



A good location for some of the pods is above the front and rear rocker covers.



Apply one of the pods under the air cleaner to light up the lifter blocks and the cam cover.



Wipe the promoter underneath the footboards.



Apply the pods underneath the footboards for a cool effect.



Using sheathing from NAMZ, we covered the pod wires for a clean look.



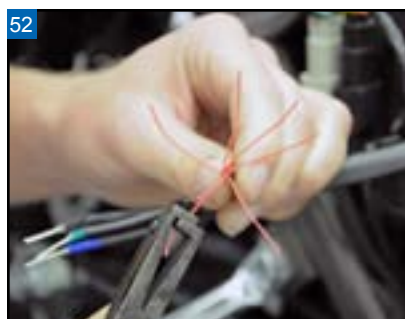
With the wires in sheathing, it almost looks like they were there from the factory.



Heat shrink the module wires to protect them and give them a clean look.



These are all of the pod wires grouped together. We decided to put everything in wire looms and to solder the joints to clean the wiring up a bit.



Strip all of the wires from the pods.



Twist the wires together and solder them.



Strip the wires from the Color Command remote control module.



Tin the wires from the module.



Solder the wires from the module to the pod wires.



Heat shrink the solder joints.



The wire connections from the module to the pods are white-black, blue-blue, green-green, and orange-red.



Slide the heat shrink over the four solder joints and shrink it.



Plug the wiring harness into the Color Command remote control module.



Install the glass fuse into the fuse holder.



Place the Color Command remote control module in an available location and tie wrap it.



Install the right side cover.



Reinstall the saddlebags, seat and mounting hardware onto the motorcycle.



The accent lights really make the chrome pop.

CUSTOM DYNAMICS

- Magical Wizard™ Super Light Kit Part #2040-0961
- White Turn Signal 1157 LED Boards Part #2060-0274
- Red Turn Signal 1157 LED Boards Part #2060-0271
- Street Magic Turn Signal Stabilizer Part #2060-0274

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