

Installation Instructions for HM1 and aftermarket headlight



First let me say, there are two ways you can hook up a light(s).

1. Use the wires coming out of the replacement light and connect them outside the light, to the existing wires. Most headlights use the following colors....HEADLIGHT:GREEN IS GROUND WHITE IS LOW BEAM BLUE IS KIGH BEAM
Built in RUNNING LIGHT (IF EQUIPPED):BROWN IS POSITIVE
BLACK IS GROUND

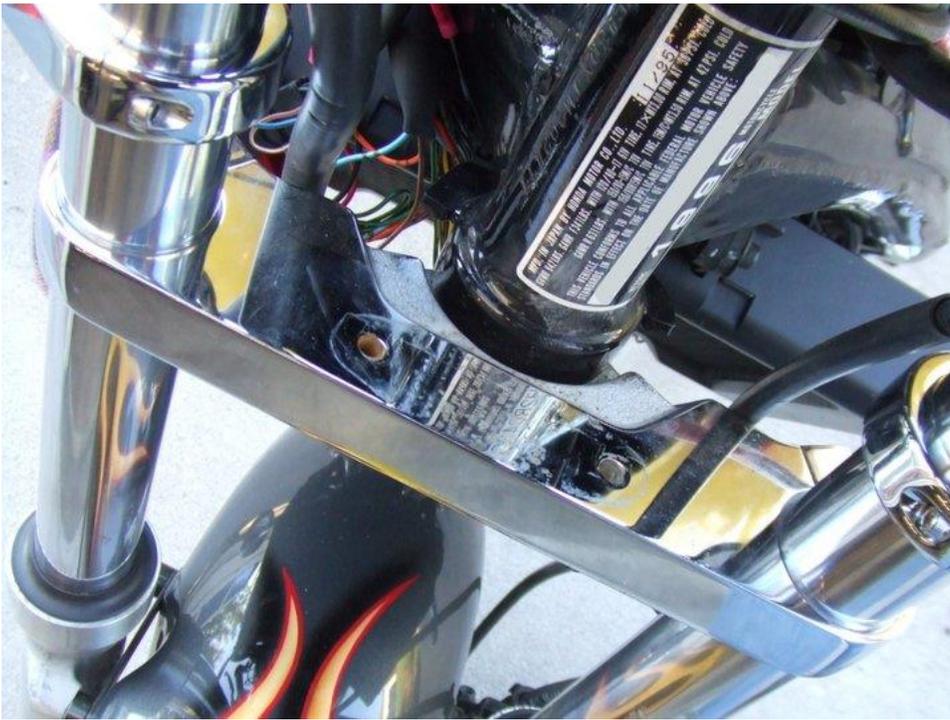
OR

2. Use the stock plug and connect it inside the headlight (if it's a standard H4 bulb connector) as shown below.....

It is highly recommended that you use a thread lock compound such as Loctite 248 Threadlocker Stick on all threads to keep them from vibrating loose.

Note: This installation is on a Honda Magna, using the HM1. Details will vary, but you get the concept. This installation assumes some very basic mechanical aptitude and wiring handiness. If you feel you are not qualified, find someone that is. This information is provided as a guide only and the author assumes no liability of any kind.

Disconnect the battery. Remove the front bezel and bulb and disconnect the wiring. Remove the stock headlight and mount from the triple tree by removing the 2 nuts from the bottom.



Remove the wiring harness from the stock headlight shell. You may need to undo some plug connectors to get it all out. Locate the plug that went to the headlight. It will be a 2 or 3 prong plug. In this case it's a 3 prong. (Hi, Low, Ground) Cut that plug off leaving enough wire on both sides to strip and reconnect later. You may want to label the wires for that plug if they are not color coded. Keep the headlight wires to the side and tuck all the other wires behind the neck cover in front of the tank or some other hiding place. Remember to reconnect any plugs you disconnected. Bolt the HM1 to the triple tree.



Remove the front bezel and bulb from the replacement headlight. Run the headlight wires into the small hole in the replacement headlight shell and then install onto the HM1 leaving bolt hand tight for now.



Reconnect the 3 prong plug to the wires inside the shell matching the color or labels you put on. Use a crimp type connector or solder and cover exposed wire with a heat-shrink tube. Connect the plug to the bulb and replace bulb and bezel. Note there is usually a notch to help orient the bulb correctly.



After all exposed wires are safely covered and all plugs/connectors have been reconnected, reconnect the battery. Turn ignition on and make sure the headlight works trying Hi and Low beam

switch. Point the bike at a flat vertical surface with the light on and adjust centering and height to desired position and tighten all bolts. Take the bike for a test drive noting any fine adjustments to light position necessary to correct after test drive.

Enjoy your new custom look!

