

How to Install a Cyron ABIG7-A6K LED 7" Headlight

Tools Needed For Headlight

#2 Phillips screwdriver

1. Start by removing the screw that holds the trim ring using a #2 Phillips screwdriver. Lay this ring and screw aside for reinstallation later on.



Tools Needed For Running Lights

Dielectric grease
1" of heat shrink
18" of 16-gauge wire
1/8" diameter metal rod
#2 Phillips screwdriver
Pliers
Wire strippers
Wire cutters
Crimping tool
9/16" wrench
Heat gun



2. Remove the three screws that hold the beauty ring to the headlight bucket using a #2 Phillips screwdriver. Lay this ring and these screws aside for reinstallation later on.

3. Disconnect the headlight harness from the back of the stock headlight. Lay the stock headlight aside; this part will not be reused. If you want to use the daytime running lights, see the sidebar and follow those steps.

Some states require a daytime running light, some do not. If you want to power the daytime running lights for your bike turn to page 4.



4. You can now just plug the new Cyron LED headlight to the bike's stock headlight harness. As for the red wire, which powers the daytime running lights, you can leave it as is.

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5. Align the three tabs on the back of the new Cyron headlight to the three notches in the stock headlight bucket.



Tools Needed For Headlight

#2 Phillips screwdriver



6. Now reinstall the stock beauty ring using the three stock screws and a #2 Phillips screwdriver.

Tools Needed For Running Lights

Dielectric grease

1" of heat shrink

18" of 16-gauge wire

1/8" diameter metal rod

#2 Phillips screwdriver

Pliers

Wire strippers

Wire cutters

Crimping tool

9/16" wrench

Heat gun

7. There are two tabs on the top of the stock headlight bucket that have a small black plastic collar on them. Align these two tabs with the two slots in the top inner face of the headlight trim ring.



8. The final step is to reinstall the stock trim ring using the stock screw and a #2 Phillips screwdriver.

9. Turn on the ignition and cycle through the low and high beams to make sure they both work. Also check the top and bottom running lights, if you opted to activate them.



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Crimping tool
9/16" wrench
Heat gun

10. Here's how the stock headlight low beam lights up the road at night.



11. Here's how the new Cyron LED headlight low beam lights up the road. Quite a difference!

12. Here's how the stock headlight high beam lights up the road at night.



13. Here's how the new Cyron LED headlight high beam lights up the road at night. Which one would you want working for you?

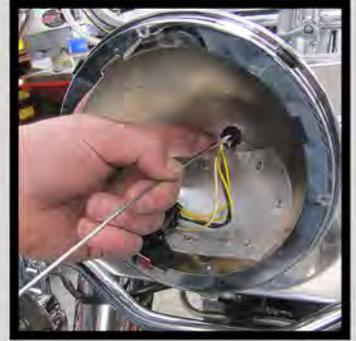
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Some states require a daytime running light, some do not. If you want to power the daytime running lights for your bike, here's what you need to do after Step 3 in the normal installation instructions.

Tools Needed For Headlight

#2 Phillips screwdriver

1. Poke a 1/8" diameter metal rod through the rubber grommet in the back of the headlight housing to open it up and make room for the wire you need to thread through it next. Coating it with a little dielectric grease will help.



Tools Needed For Running Lights

Dielectric grease
1" of heat shrink
18" of 16-gauge wire
1/8" diameter metal rod
#2 Phillips screwdriver
Pliers
Wire strippers
Wire cutters
Crimping tool
9/16" wrench
Heat gun



2. Now thread an 18" length of 16-gauge wire through the grommet and out of the left side of the triple tree covers.

3. Use a pliers to remove the circular nut and 9/16" wrench to remove the hex nut that holds the stock spotlight switch to the triple tree covers. Then pull the switch, which is powered by the bike's ignition switch, from behind the cover.



4. Pull the yellow wire (the one that is activated when this switch is turned on) from the back of the switch.



5. Using wire strippers, bare about 3/8" of wire. Also cut the blade connector from the stock wire you just pulled from the spotlight switch with wire cutters and bare about 3/8" of that wire.



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6. After twisting the two wires together, slip a 1" length of heat shrink over the wires. Then use a crimping tool to put a new blade connector onto the wires. Use a heat gun to shrink the tubing so you get a final result like this.



Tools Needed For Headlight

#2 Phillips screwdriver



7. Plug the new connector onto the back of the switch. Make sure it is secure. Then reinstall the switch in the left triple tree cover.

Tools Needed For Running Lights

Dielectric grease

1" of heat shrink

18" of 16-gauge wire

1/8" diameter metal rod

#2 Phillips screwdriver

Pliers

Wire strippers

Wire cutters

Crimping tool

9/16" wrench

Heat gun

8. With the switch properly orientated in the cover, secure the switch using the stock nut and a 9/16" wrench. Then thread on the circular nut to lock it in place. Tighten it with the pliers.



9. Cut the wire you installed so about 7" of it is in the headlight bucket and bare about 3/8" of wire. Then install a female blade connector on the wire and a male connector onto the short red wire on the new LED headlight plug.

10. Join the two connectors you just installed and plug the new Cyron LED headlight into the stock headlight connector. Then follow the normal installation instructions starting with Step 5.



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