

Frequently Asked Questions

1. Main HID Projector light didn't work

(1)Both lights didn't work. Firstly, please check the wiring connection according to the wiring connection diagram; make sure the relay harness and HID Ballast be connected well and properly. Don't forget to connect the HID Ballast's ground wires on the metal of the bike, at the same time, you need to connect the low beam wire to the original low beam's positive wire or high beam wire to the original high beam's positive wire, and the ground wire to ground wire of the original high beam and low beam. When you test the headlight, you can connect all ground wires to the negative pole of the battery. Secondly, make sure the power supply voltage range is between 9V-16V, we recommend you start the engine before testing the headlight. Thirdly, please check the fuse of the relay harness, if it was melt, please change a new one. If still can't find out the reason why it didn't work, please contact the distributor/seller directly.

(2)One light works, the other light didn't work. Please switch the HID Ballast, which works in good condition, to test the other HID light. ① If the light works, it shall be the issue of the HID Ballast, change a new ballast this issue can be resolved. ② If the other HID light still didn't work, it shall be the issue of the HID Bulb, change a new bulb, this issue can be resolved.

2. High/low beam function didn't work

(1)If high/low beam for both sides didn't work, it shall be the problem of the relay wire harness; change a new relay harness, this issue can be resolved.

(2)If the high/low beam function for one side didn't work, please switch the connector from other light to test it, if still didn't work, it shall be the problem of the HID projector's high/low beam shutter, change a new high low beam shutter this issue can be resolved. If it works, it shall be the problem of the relay wire harness, please check the pins inside the connector, and make sure it has been connected well. If still didn't work, change a new relay harness, this issue can be resolved.

3.The angel eye didn't work

(1)If both angel eyes didn't work at the same time(after using for a certain time), in most cases, it shall be the issue of the angel eye igniter, change a new igniter, it shall work.

(2)If one angel eye work and the other didn't work completely, in this case, the wiring may get loosen, please check the wiring connector between the angel eye ring and igniter, make sure it has been connected well, if still didn't work, please switch the angel eye connector from the other angel eye to test it, if works, just change a new igniter, this issue can be resolved. If still didn't work, you may need to change a new angel eye ring.

(3)If parts of the angel eye ring didn't work (burned), in this case, you need to change a new angel eye ring. We offer one-year warranty for our products, if you purchased it less than one year, we can provide free replacement parts, but the shipping costs will be on buyer's side if products purchased more than 3 months.

4.The demon eye didn't work

(1)If both demon eyes didn't work at the same time(after using for a certain time), in most cases, it shall be the issue of igniter, change a new igniter, it shall work.

(2)If one demon eye works and the other didn't work completely, in this case, the wiring may get loosen, please check the wiring connection between the demon eye ring and igniter, make sure it been connected well, if still didn't work, please switch the demon eye connector from the other angel eye to test it, if works, just change a new igniter, this issue can be resolved. If still

didn't work, you may need to change a new demon eye ring.

5.The Optical Fiber didn't work?(for optical fiber version headlight)

(1)If both optical fibers didn't work, please check the wiring connection between the igniter and optical fiber, make sure it has been connected well.

(2)If one side didn't work, one side works, please switch the igniter from other side to test it, if works, it shall be the issue of the igniter/relay harness,change a new igniter/relay harness, this issue can be resolved. Please don't forget to connect the wire to the turn signal wire, the optical fiber will sync with the turn signal light.

6.The high low beam connectors for the relay harness is different from the original connector, it can't be connected properly

The high low beam connector for the custom headlight we use is same as the OEM headlight, but in some cases, for some regions or countries, the connectors are different and it can not be connected directly, in this case, just cut the high low beam connector for the relay harness, and then spice the wire of the original connector, then just reconnect it, this issue can be resolved. We still will offer one-year warranty for our products, so you don't need to worry about the warranty issue. If you don't know how to connect it, just send email to us. We will let you know how to connect those wires.

7. One side HID light keep flashing

In this case, please make sure the battery can supply enough power, you can keep charging the battery and then test the headlight again, if still the same, please switch the HID Ballast from other light to test it, if flashing gone, you need to change a new HID Ballast.

8.The LED strip light didn't work?(for the headlight with LED Strip light)

(1)If the whole LED strip light didn't work, in most cases, the wiring connection didn't be connected well, please make sure the wiring be connected properly. Because even the LED strip light burned, it won't burn all at the same time.

(2)If parts of the LED strip light was burned or parts of the LED strip light didn't work, in this case, you need to replace a new LED strip light, this issue can be resolved.

9. What's the low beam on/off switch, where can I mount the low beam on/off switch?

The low beam switch is a kind of toggle switch which can ensure you turn the low beam on/off manually. Normally you can mount the low beam on/off switch on the fairing or on the handlebar.

10. How to add extra on/off switch to control the angel eye/demon eye

You can add one on/off switch between the main relay harness and angel eye/demon eye igniter, so the angel eye/demon eye can be turned on/off manually. Please do not add any switch between the angel eye/demon eye igniter and angel eye/demon eye ring, otherwise it will cause malfunction for the angel eye/demon eye.

11. Low beam cut off line is too high or too low

Please adjust the high/low beam adjusting bolt at the rear of the headlight housing. Please do not adjust only one bolt all the time, otherwise the projector lens may fall off.

12.Vapor or Moisture inside the headlight housing

Please open the venting hole at the rear of the headlight housing for a few days, the vapor or moisture will disappear.

13. How to replace the HID Bulb if it was burned

It is very simple, just remove the defective bulb at the rear of the headlight housing and then replace a new bulb will be okay, it is similar for you to change the stock halogen bulb.



NO.:C02

Preparation

Tools : Screwdrivers, Scissor, Allen Wrench Hex Key, Glove, Electrical Tape, Zip Tie.

Tutorials: Watch installation tutorials video before installation if possible
<http://www.ktmotorcycle.com/install-video.html>

Attentions

01. Make sure it is the correct type headlight for your motorcycle .
02. Checking headlight and accessories according to the packing list. Please contact the distributor(seller)if anything was missing, scratched or broken. Some components are optional; such as LED strip light and demon eye etc. It may not be included.
03. Testing all functions of the headlight before you process the installation. Please contact the distributor(seller)if any function didn't work properly.
04. Please ensure this custom headlight assembly to be installed by the professional.
05. Please wear gloves to process installation.
06. Caution for the electric short, 23KV at the startup stage!
07. Do not turn the main HID light on until you start the engine to avoid the battery drained.
08. Do not stare the main HID light to avoid burning your eyes.
09. Do not change the usage of this custom headlight assembly.
10. Do not disassemble this headlight assembly by yourself, please contact the manufacturer/distributor first for any warranty issue.

Installation

Step1: Remove the fairing(cowl)around the headlight assembly.

Step2: Unbolt the original headlight assembly and take it out.

Step3: Hook up relay harness and HID Ballasts, don't forget to connect the HID Ballast's ground wires on the metal of the bike, make sure it was connected firmly. You can hide the HID Ballast under the fairing and then use double side adhesive tape to paste it on the frame and use zip ties to fix it firmly.

Step4: Install the custom headlight on the motorcycle.

Step5: Connects the relay harness to the custom headlight, please follow the wiring connection diagram.

Step6: For the custom headlights with turn signal function, if the headlight you purchased without including turn signal function, please ignore this step. Connects the custom headlight's turn signal wires to the wire of original turn signal light. Firstly, you can use a small bulb to test which wire is the positive wire of the turn signal light. Secondly, please spice the original turn signal light's high brightness wire and then connect the custom headlight's turn signal wire to it and finally seal with electrical tape. So the custom headlight's turn signal function will sync with the original turn signal light. As for the original turn signal light, it has total 3 wires, one wire for the ground(negative) wire, and the other two wires is for the positive wires, one wire is low brightness and the other wire is high brightness, you need to connect the custom headlight's turn signal wire to the high brightness wire of the original turn signal.

Step7: Testing all functions of the custom headlight, such as for Angel eye/Demon eye function, Low Beam, High Beam, Turn signal function if have etc. Please do start the engine before you turn the main HID light on, otherwise the battery may drain and the main HID light can't be light up, if the battery can't supply enough power.

Step8: Please adjust the low beam cut off line level properly if needed. You can adjust the adjusting bolts at the rear of the headlight housing. Be aware, do not adjust only one bolt all the time, otherwise the projector lens inside may fall off or touch(scratch)the front clear lens.

Step9: If everything works properly, please install all fairing parts and other accessories back on the motorcycle, installation finished.

Packing List

1x**Headlight-Housing**. 2x**Angel Eye/Optical Fiber**(already installed), 2x**Demon Eye** (optional function), 2x**HID Bulb**(already installed on the headlight assembly), 2x**HID Ballast**, 1x**Wiring Harness**(one set).

Note: This is complete custom headlight with Angel eye/Demon eye already installed. As this is customized headlight.Some components are optional; such as LED strip light,demon eye and led turn signal light etc. It may not be included.

Warranty

One-year warranty will be offered for this custom headlight assembly. Please contact the distributors to claim the warranty.

Following is the exceptions:

1. The headlight didn't be used properly.
2. The headlight was broken or damaged by accident, crash or force majeure.
3. The headlight has been disassembled or modified by the user itself or other third party.
4. The headlight has been purchased more than one year, but the user still can buy replacement parts from us.



Scan this 2D barcode to watch the installation tutorial.

KT Custom Headlight Assembly User Manual

CH003:CBR600 F4i 2001-2007/CH004:CBR600RR 2003-2006 V1

CH011:CBR1000RR 2004-2007 V1

CH018:ST1300 Pan European 2001-2016

CH005:CBR600RR 2003-2006 V2

CH012:CBR1000RR 2004-2007 V2

CH022:CBR300R

About KT

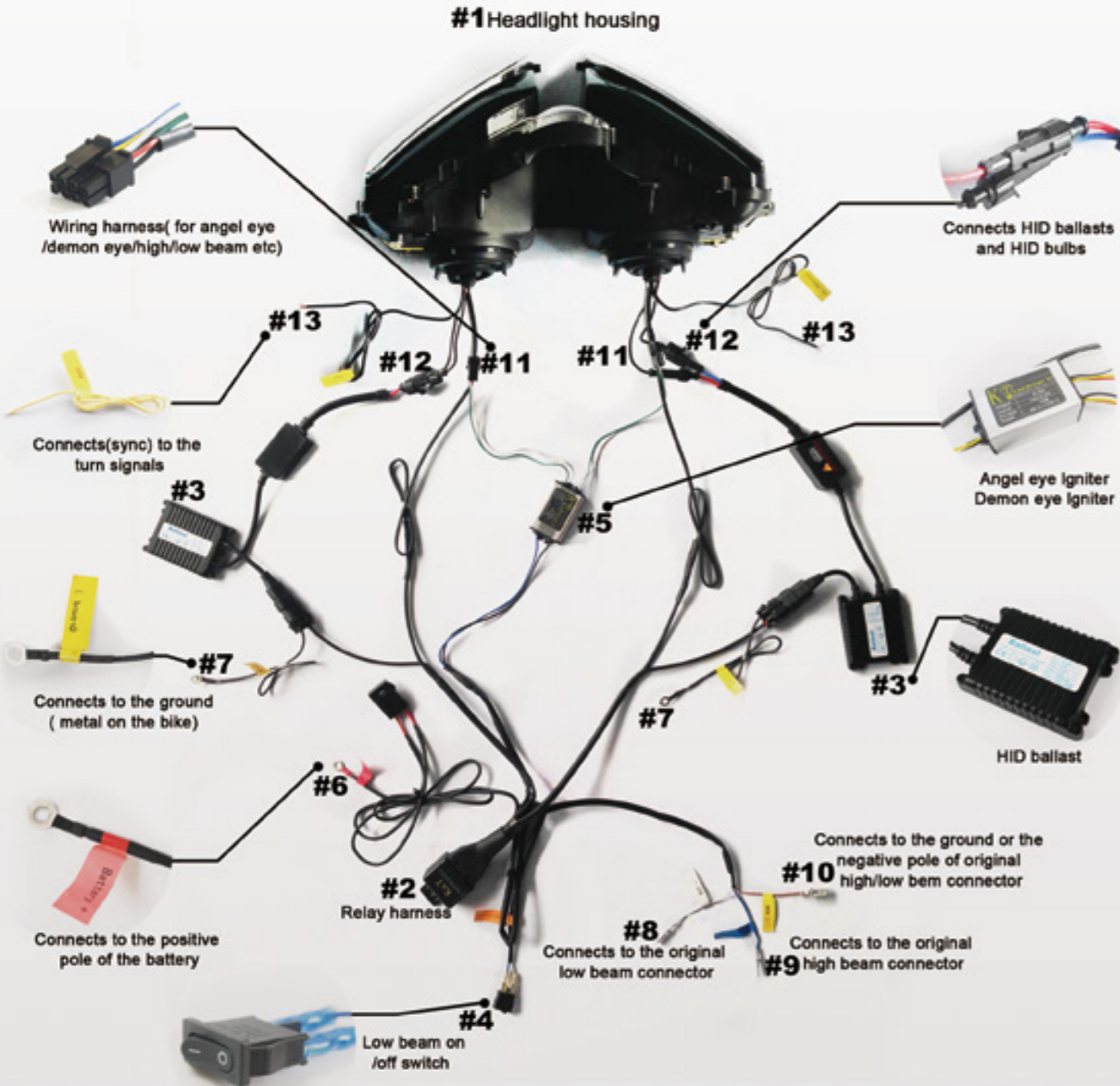
Kingtech Auto Parts Co.,Ltd. is a company specialized in researching, developing, manufacturing and distributing automotive and motorcycle lighting equipments and related accessories. We are dedicating to the headlight upgrading; angel eye HID Projectors, customized headlight assembly as well as LED lights. We are the leading manufacturer of the aftermarket motorcycle HID LED Projector Headlight Assemblies.

Kingtech spare no effort on their products to ensure excellent quality control and customer supports. Every KT Headlight Assembly goes through rigorous testing and quality control. They are sealed with high quality silicone to insure no moisture will be trapped inside of the headlight housing. All wiring is tested before shipping to make sure the product working in good condition when it arrives at its destination.

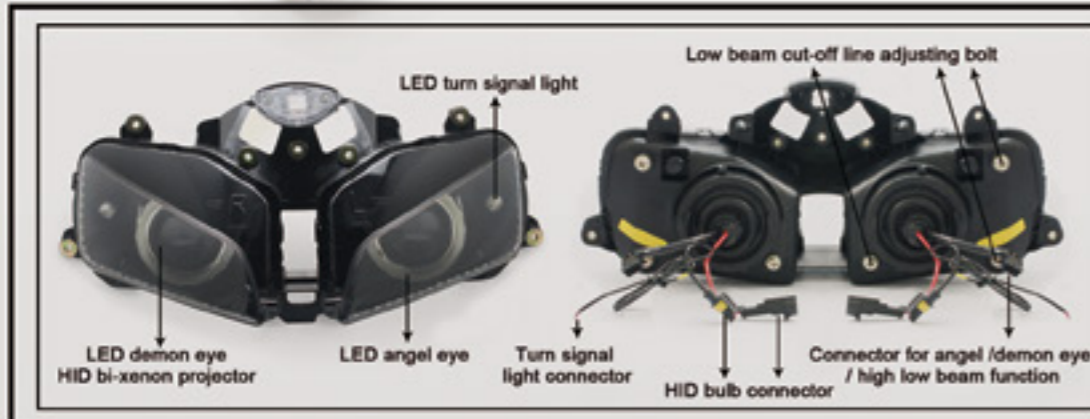
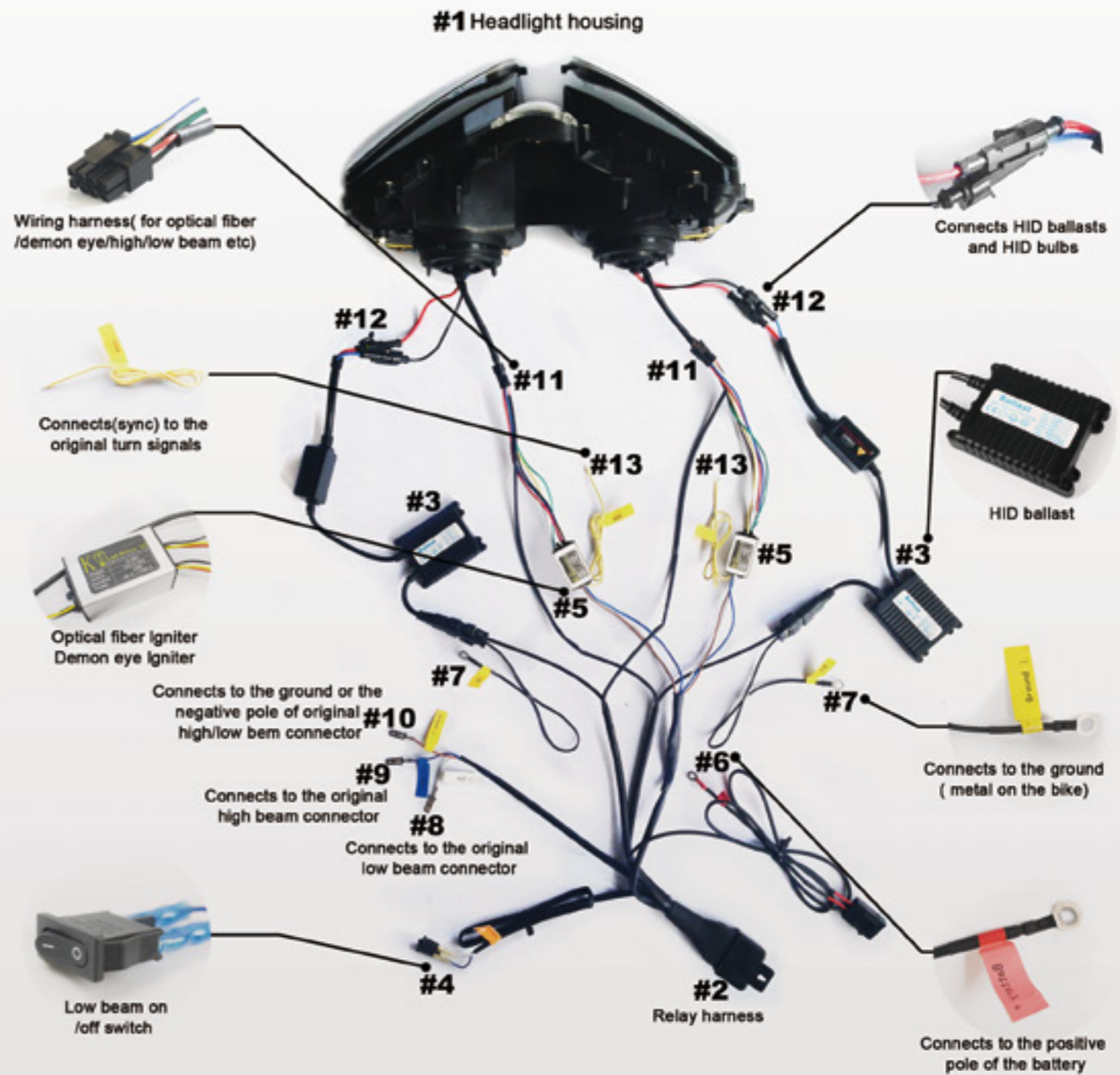
All of our products are packed in the securest way possible. They are wrapped in bubble wrap. Prior to being shipped out they are taken out of the box and inspected thoroughly; assuring that the item is in100% intact.

KT Custom Headlight Assembly Wiring Connection Diagram

Suitable for CH003:CBR600F4i 2001-2007 / CH004:CBR600RR 2003-2006 V1
 / CH011:CBR1000RR 2004-2007 V1 / CH017:CBR1100XX 1999-2007
 / CH018:ST1300 Pan European 2001-2016 / CH021:CBR300R



Suitable for CH005:CBR600RR 2003-2006 V2 / CH012:CBR1000RR 2004-2007 V2



Main Technical Parameters		
Light Source	HID Light	Angel / Demon Eye / Optical Fiber
Voltage Range	9V-16V	9V-16V
Rated Power	55W / Bulb	3W / Bulb
Luminous Flux	4200lm / Bulb	200lm / Bulb

These pictures are for reference only, as for customized headlight, it may differ from what you purchased.

