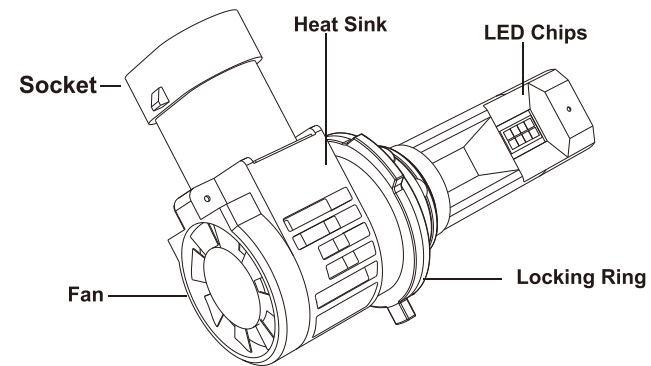




## Q20 SERIES LED LIGHT BULBS



### PRODUCT SPECIFICATIONS

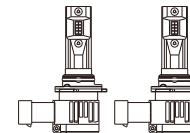
OPERATING VOLTAGE	DC 12-16V
WATERPROOF RATING	IP68
LED CHIPS	Customized Auto Grade LED Chips
HEAT DISSIPATION MODE	Fan Cooling
OPERATING TEMPERATURE	-45°C — +150°C
LIFESPAN	50,000 HOURS
WARRANTY	2 YEARS

### PRE-CAUTIONS BEFORE TESTING

1. Please wear work gloves during installation.
2. Do not touch the LED lamp beads directly or prevent any dirt or moisture from adhering to the LED.
3. Do not look directly at the operating bulb since the light with high intensity will cause eye injury at a short distance.
4. Do not touch the bulb body with hands or allow any skin contact since the bulbs reach to very high temperature may result in severe burns.
5. Do not disassemble or modify the product in any way, as this may damage the product or cause fire, personal injury.
6. Do not wash the vehicle when the bulbs are on. Changes in the temperature of the LED bulbs may cause damage.

### PRE-INSTALLATION TESTING

1. Remove the original bulb from the vehicle connector.
2. Connect the LED bulb to the vehicle connector.
3. Turn on the LED bulb and test for correct lighting.
4. Check if any warning signs show up on the vehicle dashboard. If no warning occurs, the test is finished.



### NOTE:

If one of the LED bulbs does not work, it could be attributed to poor contact. Make sure the connection is good. If the problem cannot be solved, swap the left side bulb with the right side bulb and test again. (Remind: The socket has a polarity, please connect it correctly)

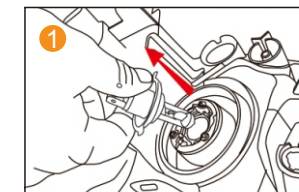
### WARNING:

1. Do not switch on the LED bulb until the connection is finished.
2. If the LED bulb flashes or warnings show up on the dashboard, please connect the extra CANBUS to ensure correct operation.

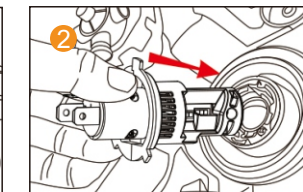
If any problems still cannot be resolved under the guidance of this manual, please feel free to contact our customer support team.

### INSTALLATION

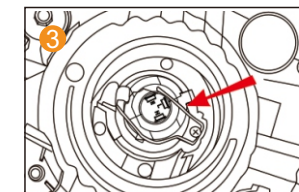
#### H4/H1/H3/H13/9004/9007



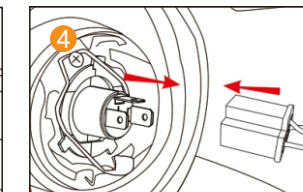
Remove the original bulb and collar



Insert the bulb lamp as the direction of the arrow



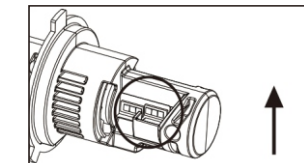
Use the circlip to lock the bulb



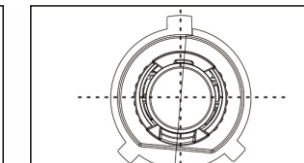
Put the connector into the car socket

### REMINDE:

Please keep the led chip symmetric and hood upward as the photoshow. If light pattern is not good, please rotate the body by tool.



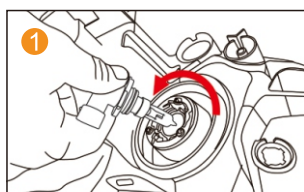
Use the circlip to lock the bulb



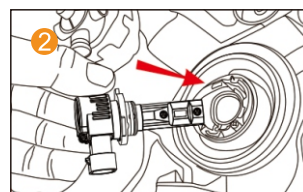
Put the connector into the car socket

### INSTALLATION

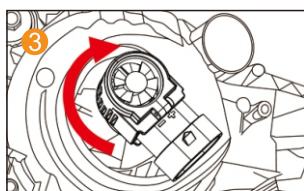
#### H8/H9/H10/H11/H16/HB3(9005)/HB4(9006) 9012/5202/880/881/PSX24W/PSX26W/P13W



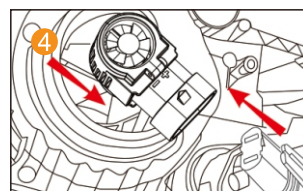
Remove the original bulb and collar



Insert the bulb lamp as the direction of the arrow



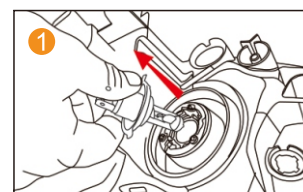
Lock the bulb lamp by rotating 45degrees clockwise



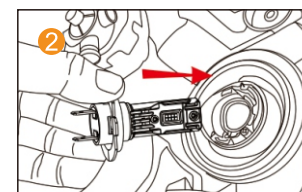
Put the connector into the car socket

### INSTALLATION

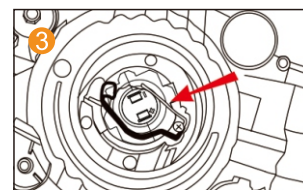
#### H7



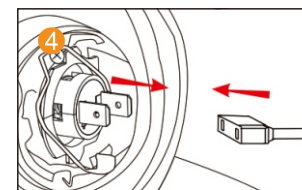
Remove the original bulb and collar



Insert the bulb lamp as the direction of the arrow



Use the circlip to lock the bulb



Put the connector into the car socket

### TROUBLESHOOTING

#### Q: Lights not working

A: Check the plug and wiring first may wrong connection. (9005 9006 9012 H7 with polarity, reverse male connector 180 degrees, and try again.)

#### Q: Lights flicking/flash

A: Check the plug and wiring first may wrong connection; If failed, need extra resistors(CANbus) to resolve the issue.

#### Q: Lights automatically on and off repeatedly

A: Overheat protection, check the cooling system if the fan works well. Make sure enough space for heat dissipation in housing.

#### Q: One of the bulbs not working

A: Make sure correct connection; If still failed, swap the left and right side bulbs try again; Still invalid, may be caused by the vehicle's light assembly.

#### Q: Vehicle dashboard appears with error/warning

A: This is a harmless side-effect of the unoriginal wattage LED bulbs not being recognized by the vehicle's system and can be resolved with the installation of an additional set of resistors(CANbus).

#### Q: H7 Installation failed

A: Some vehicles(KIA, MAZDA, BMW, VW, MERCEDES, SAAB, HYUNDAI, etc) need something very unique and not standardized H7 holders. Please contact customer service for purchasing or local shop.

### Note: The resistor(CANbus) is polarity sensitive.

If the LED bulbs do not function properly after installation, please reverse the resistor(CANbus) male connector 180 degrees and try again.

### BUYER READING

This product can only be used on road-legal automotive vehicles. AUXBEAM cannot accept any responsibility and/or liability. It is your responsibility that the use of the LED Retrofit Lights complies with applicable legal requirements.

Some regions in the USA do not allow modified lights to be used on public roads. Please check your local regulations before installation.

Auxbeam Products are for the whole world, non-US regions are not subject to this regulation.

### WARRANTY ATTENTION

The warranty will not apply to the following conditions:

CANbus problem: If there are flickering lights issues or light off when installing the led light bulbs, and works when testing with DC 12V power directly. This issue can be solved by adding a pair of CANbus.

Installation problem: Some vehicles may have an installation issue due to narrow housing space or incorrect installation position etc. Please read the size information on the website before purchase.

Artificial reasons: Defective led chips, chopped wire, and collars caused by misusages. please consult your local automotive repair for assistance.

Special h7 socket: special h7 sockets for a few exclusive vehicles are available in our store, please refer to the chart above or contact our customer service for information.

Natural disaster: Damage because of the irresistible natural disaster like earthquakes, floods, etc.

If purchasing from the distributor, please contact them for warranty information.

### CONTACT US

support@auxbeam.com

AUXBEAM Lighting

15355 Manila Street, Fontana, CA 92335, USA



Auxbeamlighting



auxbeam



auxbeam\_lighting



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1:1 HALOGEN BULB SIZE