


AUXLIGHT

H7 LED FOG
LIGHT BULB



AUXLIGHT H7 LED Fog Light Bulb User Manual

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AUXLIGHT

AUXLIGHT H7 LED Fog Light Bulb



INTRODUCTION

In foggy or low-visibility situations, the AUXLIGHT H7 LED Fog Light Bulb is a strong and effective way to light up the road. This high-performance LED bulb, which costs only \$17.98, gives off a strong 1500 lumens of bright 6000K xenon white light that makes it easier to see on the road. The COB-2508 LED chips in these bulbs give them a long life of up to 50,000 hours. They are made to work with cars that have H7 or H7LL fog/DRL sockets but not Hi/Low beam headlights. They can be powered by 12V to 24V DC, so they can be used in a lot of different cars. These bulbs are made by AUXLIGHT, a brand known for its innovative lighting solutions. They are a great deal and work well for drivers who want to be safer in foggy situations. The AUXLIGHT H7 LED Fog Light Bulb, which has been on the market since April 28, 2020, is the best choice for people who want dependability and clarity.

SPECIFICATIONS

Brand	AUXLIGHT
Price	\$17.98
Auto Part Position	Right
Operating Life	50,000 Hours
Manufacturer	AUXLIGHT
Item Weight	1.76 ounces
Product Dimensions	2.2 x 0.47 x 0.47 inches
Fit Socket	H7 H7LL Fog/DRL (NOT for Hi/Low Beam Headlights)
LED Type	2pcs COB-2508 Chips
Color	6000K Xenon White
Voltage	DC 12V-24V
Power	30W
Lumen	1500LM / bulb
Voltage	24 Volts
Date First Available	April 28, 2020

WHAT'S IN THE BOX

- LED Fog Light Bulb
- User Manual

PRODUCT DETAIL

PRODUCT DETAILS

UNIVERSAL H7/H7LL SOCKET

Comparable to OEM sized halogen bulbs, easy to install, just plug and play.

HIGH POWER 2508 LED

2 pieces super bright 2508 COB chip, 300% brighter than halogen bulbs.

OPTIMAL FOG BEAM PERFORMANCE

Ensure the full lighting view angle and optimal visibility.

BUILT IN STABLE CURRENT IC DRIVE

Assure longer life span & Low Power Consumption up to 30,000 hours



FEATURES

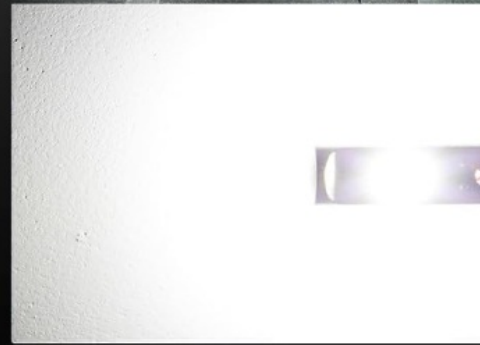
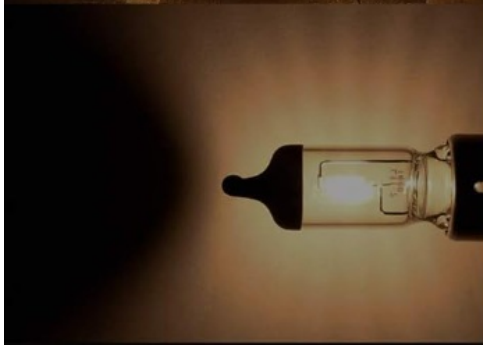
- **Advanced LED Technology:** It comes with two high-quality COB-2508 chips that make it brighter and better at focusing beams.
- **Bright Xenon White Light:** Gives off a 6000K xenon white light that makes it easier to see on foggy, rainy, or snowy roads.

EXCELLENT PERFORMANCE

Low brightness



High brightness



- **Long Lifespan:** Made to last up to 50,000 hours, which is a lot longer than regular halogen lights and means they will work well for a long time.
- **Design that is waterproof:** Rated IP68 waterproof, so it will work reliably in all kinds of weather, even rain and snow.



- **Energy-efficient:** Each light only uses 30 watts, so it doesn't use a lot of power without losing any brightness.
- **Plug and Play:** The non-polarity design makes installation easy, so you don't need professional help. Just swap out your old halogen lights for these.
- **Ideal Fog Beam:** The bulbs give off a very bright, clear beam with no glare or dark spots, which makes the fog lights work better.
- **High-Quality Heat Dissipation:** The lights have an aviation-grade aluminum housing with a heat sink built in. This keeps the bulbs cool and makes them last longer.

FAST HEAT DISSIPATION

Full Aircraft Grade Aluminum mold ensures efficient heat dissipation, extends service time up to 20,000hrs.



- **Wide Voltage Compatibility:** It works with a voltage range of DC 12V to 24V, so it can be used in most cars, trucks, and SUVs.
- **Works Without Error on Most Vehicles :** It usually works on vehicles without any extra parts, but CANBUS-equipped cars may need a load resistor or error parser.
- **Small Size:** The bulbs fit snugly into H7 and H7LL fog light sockets because they are 2.2 inches long and 0.47 inches wide.
- **Not for Headlights:** These bulbs are only meant to be used for fog lights and daytime running lights. They should not be used in high or low-beam headlights.
- **Affordably priced:** At just \$17.98, these bulbs are a great deal for how well they work and how long they last.
- **Brand Reputation:** AUXLIGHT is a well-known and trusted brand that offers high-quality lighting options that are guaranteed to meet your needs.

SETUP GUIDE

- **Turn Off Your Car :** Before you start the car, make sure it's off and the keys are out of the ignition so the power doesn't go off by mistake.
- **Find the Fog Light Housing :** The fog light unit for your car is usually under the front bumper or on the sides of the car.
- **Taking Out the Old Bulbs:** To get rid of the old fog light bulbs, either twist them backward or follow the directions that come with your car.
- **Check the Plug:** Make sure that the AUXLIGHT H7 LED lights can fit in the H7 socket. These bulbs are only

made to work with H7 and H7LL fog lights and DRL.

- **Prepare the LED Bulbs:** Take the AUXLIGHT H7 LED bulbs out of the box and check to see that they are not broken. They are now ready to be installed.
- **Putting in the LED Bulbs:** Carefully put the LED bulbs into the fog light socket, making sure they are tight.
- **Twist to Lock:** Once the bulbs are in place, twist them clockwise to secure them in place.
- **Test the Lights:** Start your car and make sure the new LED fog lights are working by testing them.
- **Change the Beam:** If you need to, change the beam of the fog light to get the best lighting and avoid glare.
- **Check for Error Codes:** If your car has a CANBUS system and the bulbs aren't working right, you can get around error codes by installing a load resistor or error decoder.
- **Secure the Housing:** Make sure that the fog light housing is properly attached and that none of the parts are free.
- **Check for Resistance to Water:** Make sure that the fog light system is properly sealed so that the bulbs' IP68 waterproof rating is kept.
- **Change the Light Settings:** If your fog lights are wired to a dimmer or switch, set the brightness to the amount you want.
- **Repeat the Installation for the Second Bulb:** If you bought two bulbs, do the same thing for the second one.
- **Check for Proper Alignment:** For best performance, make sure that both fog lights are lined up properly.

CARE & MAINTENANCE

- **Regular Cleaning:** The bulbs and housing should be cleaned often to get rid of dirt, dust, and wetness that can lower their performance.
- **Avoid Direct Contact with Water:** The lights are waterproof, but you shouldn't put them in water. To clean, use a damp cloth instead of direct water pressure.
- **Check for Damage:** Check the bulbs and fog light case often for cracks, damage, or wear, especially where the LED chips are.
- **Check the Wiring:** Make sure the wiring is not damaged by weather that could short-circuit it or damage it.
- **Avoid Overheating:** Make sure the bulbs are placed correctly and there is enough airflow around them so that heat doesn't build up.
- **Replace Faulty Bulbs:** If one of the bulbs isn't working, you should replace both of them at the same time to keep the look and performance of the light the same.
- **Check Compatibility:** Make sure that any new bulbs work with the socket and electrical system in your car (H7/H7LL only for fog lights and DRL).
- **Do Not Touch the LED Chips:** Do not touch the COB chips directly with your bare hands, as oils on your hands can damage the chips and shorten their life.
- **Check the Heat Sink:** Check the heat sink from time to time for any dust or dirt buildup and clean it if necessary to keep it cooling well.
- **Watch the Voltage:** To keep the LED lights from breaking, make sure that your car's voltage stays in the recommended DC 12V-24V range.
- **Test Functionality:** Check the fog lights on a regular basis to make sure they are shining brightly enough and working right.
- **Secure Bulb Placement:** Make sure the bulbs are always firmly in their sockets so they don't move or rattle and break something.
- **Use Resistors Made Just for LEDs:** If your car has a CANBUS system and you're getting error codes, you

need to add the right load resistors or error decoders.

- **Look at how the fog lights are aligned:** Over time, the fog lights may move out of place. Make sure that the beam design continues to work well for seeing.
- **Safely Store Extra Bulbs:** To keep the quality of your AUXLIGHT LED fog bulbs and stop damage, keep any that aren't being used in a dry, cool place.

TROUBLESHOOTING

Issue	Possible Cause	Solution
Light not turning on	Incorrect installation or socket issue	Check installation and ensure proper fit in H7 socket.
Flickering light	Voltage inconsistency or wiring problem	Verify vehicle voltage compatibility (12V-24V) and check wiring.
Bulb dims over time	Power supply issue or damaged chip	Replace faulty bulb or check the vehicle's electrical system.
Light is too dim	Low lumen output or dirt on lens	Clean the bulb lens or replace if damaged.
Light doesn't fit in socket	Incorrect bulb size or socket mismatch	Confirm correct bulb size and socket compatibility (H7 only).
High heat output	Overheating due to insufficient cooling	Ensure proper ventilation around the bulb, check for blockages.
Bulb only working intermittently	Loose or damaged connections	Inspect for loose wiring or faulty connectors.
Light color is not as expected	Wrong bulb or installation error	Ensure the bulb is the correct color temperature (6000K).
Short lifespan	Poor quality power supply or voltage spike	Use a reliable power source and avoid voltage surges.
No power output	Blown fuse or wiring issue	Check for blown fuse or faulty electrical connections.

PROS & CONS

Pros

1. Provides 1500LM per bulb for excellent brightness.
2. Long-lasting with an operating life of 50,000 hours.
3. Versatile with compatibility for 12V-24V vehicles.
4. Simple installation with H7 socket fit.
5. The affordable price of \$17.98 for quality fog light bulbs.

Cons

1. Not compatible with Hi/Low beam headlights.
2. Requires careful handling due to high brightness.

3. Not suitable for all vehicle models.
4. May not be as durable in extreme weather conditions.
5. Could be too bright for some users' preferences.

WARRANTY

AUXLIGHT typically offers a standard warranty of **1 year** for the H7 LED Fog Light Bulb. The warranty covers manufacturing defects and performance issues within the specified period. If you experience any malfunctions or quality concerns during the warranty period, the manufacturer will replace the product or offer a full refund, subject to their return policy. Always retain your purchase receipt for warranty claims.

FREQUENTLY ASKED QUESTIONS

What is the price of the AUXLIGHT H7 LED Fog Light Bulb?

The AUXLIGHT H7 LED Fog Light Bulb is priced at \$17.98, making it an affordable option for upgrading your vehicle's fog lights.

What is the auto part position for the AUXLIGHT H7 LED Fog Light Bulb?

The AUXLIGHT H7 LED Fog Light Bulb is designed for the right auto part position, ideal for installation on the passenger side of your vehicle.

How long is the operating life of the AUXLIGHT H7 LED Fog Light Bulb?

The AUXLIGHT H7 LED Fog Light Bulb has an impressive operating life of 50,000 hours, offering long-term durability and performance.

What is the weight of the AUXLIGHT H7 LED Fog Light Bulb?

The AUXLIGHT H7 LED Fog Light Bulb weighs just 1.76 ounces, making it lightweight and easy to install in your vehicle's fog light housing.

What are the dimensions of the AUXLIGHT H7 LED Fog Light Bulb?

The AUXLIGHT H7 LED Fog Light Bulb measures 2.2 x 0.47 x 0.47 inches, allowing it to fit perfectly in most fog light fixtures.

What type of LED chips are used in the AUXLIGHT H7 LED Fog Light Bulb?

The AUXLIGHT H7 LED Fog Light Bulb uses 2pcs COB-2508 Chips, ensuring high brightness and efficient energy consumption.

What is the color temperature of the AUXLIGHT H7 LED Fog Light Bulb?

The AUXLIGHT H7 LED Fog Light Bulb emits a 6000K Xenon White light, providing a bright, clear illumination for foggy conditions.

What voltage range is suitable for the AUXLIGHT H7 LED Fog Light Bulb?

The AUXLIGHT H7 LED Fog Light Bulb operates on DC 12V-24V, making it suitable for a wide range of vehicles.

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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