

 **BLAUPUNKT**



12V/24V VEHICLE LIGHTING
LED HEADLAMP
5000K & 6000K



H4



H7



H8/H11/H16



HB3/HB4



HIR2

Enjoy it.

Operating and Installation Instructions

CAUTIONS

Safety Notes

This product has been manufactured according to established safety guidelines. However, dangers may still occur if the safety notes in this manual is not observed. This manual is intended to familiarize the user with the product's important functions. Read this carefully, prior to install the product. Keep this manual in an easily accessible location. In addition, do observe the instructions of the devices used in conjunction with the product.

General Safety

- Headlamp is intended for installation and operation in a vehicle with 12V & 24V vehicle system voltage and can be used in headlights with H4 halogen lamps.
- Ensure headlamp does not have defects before installation.
- Keep the headlamp away from children.
- Keep the headlamp away from flammable areas or liquids.
- The headlamp should be stored in dry and low humidity place.
- Avoid skin contact with the high temperature/ working headlamp when replacing headlamp. Allow headlamp to drop to room temperature before replacing the headlight.
- Do not modify product, or expose product to dust, grease stains, or scratch the surface of the headlamp.
- Do not look directly at the operating headlamp, it may cause eye damage.
- After installation, ensure below are working correctly
 1. Correct light/beam pattern
 2. Indicators are working
 3. Wiring are connected correctly
 4. Covers are installed back to the car correctly

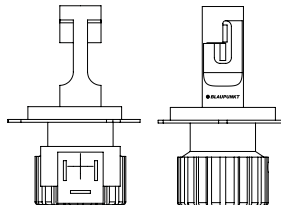
This manual may be updated from time to time without any notice.

Disclaimer

In no event shall Blaupunkt be liable for any direct, indirect, punitive, incidental, special consequential damages to property or life and whatsoever arising out of or connected with the use or misuse of our products. USA & CANADA: This product is not intended for sale in the United States and Canada. If purchased in the U.S. or Canada, this product is purchased on as-is basis. No warranty, whether expressed or implied is provided in the U.S. or Canada.

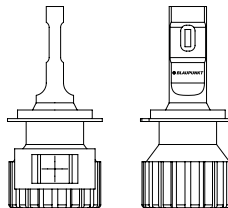
STRUCTURE & FUNCTIONS

H4



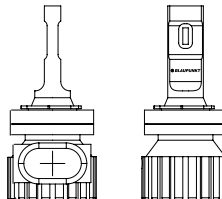
Applicable to : Reflector headlight
Product Name : 234250W (5000K), 234260W (6000K)
Technology : LED
Power : 26W±10%
Operating Voltage : 12V/24V
Luminous Flux : 2400lm ±20%
Water Resistant Rating : IP67
Lifespan : 20,000 hour
Colour Temperature : 5000K & 6000K
Base : P43t

H7



Applicable to : Projector, reflector & fog headlight
Product Name : 297250W (5000K), 297260W (6000K)
Technology : LED
Power : 26W±10%
Operating Voltage : 12V/24V
Luminous Flux : 2400lm ±20%
Water Resistant Rating : IP67
Lifespan : 20,000 hour
Colour Temperature : 5000K & 6000K
Base : PX26D

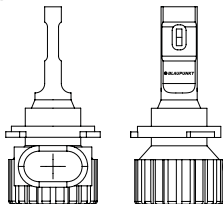
H8/H11/H16



Applicable to : Projector, reflector & fog headlight
Product Name : 236650W (5000K), 236660W (6000K)
Technology : LED
Power : 26W±10%
Operating Voltage : 12V/24V
Luminous Flux : 2400lm ±20%
Water Resistant Rating : IP67
Lifespan : 20,000 hour
Colour Temperature : 5000K & 6000K
Base : PGJ19-1/2/3/5

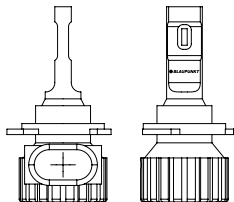
SPECIFICATIONS

HB3/HB4



Applicable to : Projector, reflector & fog headlight
Product Name : 200650W (5000K), 200660W (6000K)
Technology : LED
Power : 26W±10%
Operating Voltage : 12V/24V
Luminous Flux : 2400lm ±20%
Water Resistant Rating : IP67
Lifespan : 20,000 hour
Colour Temperature : 5000K & 6000K
Base : P22D

HIR2



Applicable to : Projector & reflector headlight
Product Name : 201250W (5000K), 201260W (6000K)
Technology : LED
Power : 26W±10%
Operating Voltage : 12V/24V
Luminous Flux : 2400lm ±20%
Water Resistant Rating : IP67
Lifespan : 20,000 hour
Colour Temperature : 5000K & 6000K
Base : PX22D

TROUBLESHOOTING

If any of the following problem occur, please resort to Troubleshooting for the possible solutions. Consult Blaupunkt authorized dealer if problem persist.

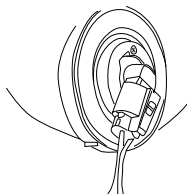
Problems	Causes	Solutions
One of the headlamp doesn't work	The headlamp has burned-out.	Replace with a new headlamp.
Both headlamps doesn't work	Fuse has blown.	Replace with a new fuse.
	Incorrect wiring connections.	Examine if positive and negative power connectors are connected correctly.
	No power to the circuit, bad ground or failed switch.	Examine if wiring for power, ground or switch are connected correctly.
Dim Headlight	Broken alternator or power supply problem.	Examine if power supply voltage is correct.
	Weak car battery.	Recharge the weak car battery or replace with a new car battery.

DISSEMBLING

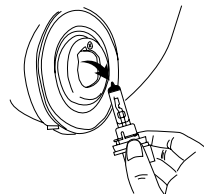
1. Open the hood of the vehicle.



2. Find the installed location of the original halogen bulb.



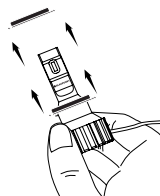
3. Remove the halogen bulb from headlight housing.



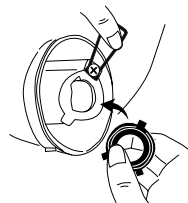
INSTALLATION INSTRUCTION

Applicable for H4 & H7

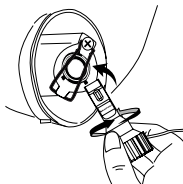
1. Remove the cap plate from the headlamp.



2. Insert the cap plate and secure it with the retaining spring clip.



3. Install the headlamp into headlight housing and turn clockwise to secure it.

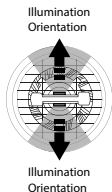


4. Please ensure the diodes (LED chips) of headlamp are in a side to side orientation.

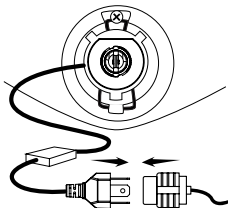
✓ **Correct Alignment**



✗ **Incorrect Alignment**

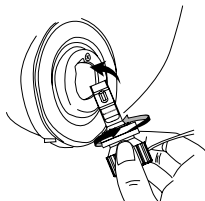


5. Connect the headlamp cable to vehicle wiring harness.



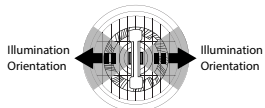
Applicable for H8/H11/H16, HB3/HB4 & HIR2

1. Install the headlamp into headlight housing and turn clockwise to secure it without removing the cap plate.



2. Please ensure the diodes (LED chips) of headlamp are in a side to side orientation.

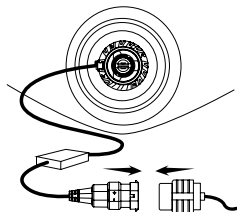
✓ **Correct Alignment**




✗ **Incorrect Alignment**



5. Connect the headlamp cable to vehicle wiring harness.

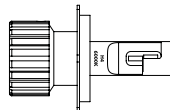




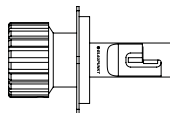
- Warning canceller adaptor may be needed in case warning signal light up after installation.
- Remove bulb, turn it 180° & reinstall in case bulb does not light up.
- Fit for 12V & 24V vehicle only.

Attention for H4 Installation :

✓ **Correct Installation Position**



✗ **Incorrect Installation Position**



234260W H4 6000K

1 581 20 034 42 01

297260W H7 6000K

1 581 20 035 42 01

236660W H8/H11/H16 6000K

1 581 20 036 42 01

200660W HB4 6000K

1 581 20 037 42 01

201260W HIR2 6000K

1 581 20 038 42 01

234250W H4 5000K

1 581 20 039 42 01

297250W H7 5000K

1 581 19 040 35 01

236650W H8/H11/H16 5000K

1 581 20 041 42 01

200650W HB4 5000K

1 581 20 042 42 01

201250W HIR2 5000K

1 581 20 043 42 01

