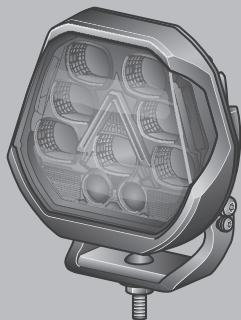




460 821-06 / 03.25



ANTARES 7 INCH INSTALLATION INSTRUCTION

PRODUCT LIABILITY

- National mounting, fitting and operating regulations must be heeded and kept.
- Please read all the instructions and safety notes included before using the device.
- We reserve the right to make technical and optical modifications within the course of product improvement.
- Only use original spare parts or spare parts approved by HELLA.
- If you have any questions or problems with the installation, please contact HELLA Customer Services, a wholesaler or your garage.
- For installation requirements, please refer to local state road traffic regulations and ADR13.
- Further information is available on our website (www.hella.com/techworld)
- Subject to alteration without notice

2

Explanation symbols



Correct



Incorrect



Location/Position Arrow



Movement Arrow



Warning



Disconnect



Connect



Look/See



Only qualified personnel



High beam



Position light



Daytime running light

**Scope of delivery
(package content)**

1F7 358 228-861



2x



2x



1x



1x



1x



1x

Accessories

4



8XS 358 198-061



20A 8JS 905 533-001
40A 8JS 711 683-851

Hella Smart Controller



12V 4RA 003 437-901
24V 4RA 003 437-191



5DF 980 818-0XX

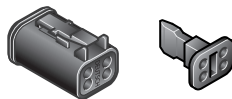
DT Type Connector 4-pin



8JA 905 048-001

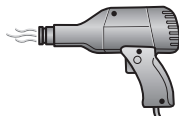
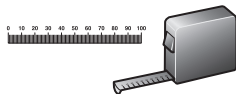
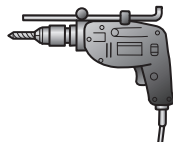
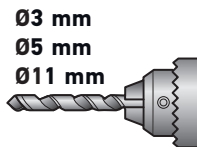


8KW 905 026-001

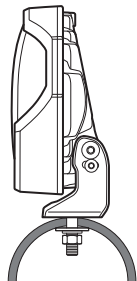
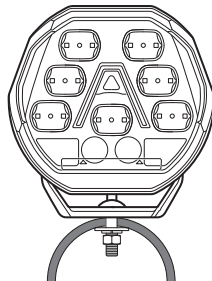
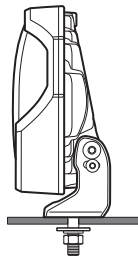
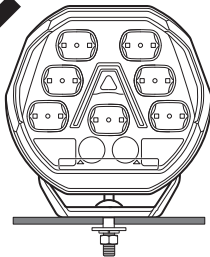
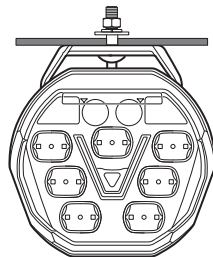
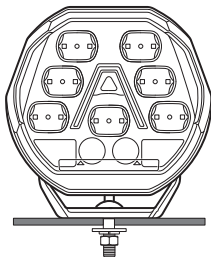


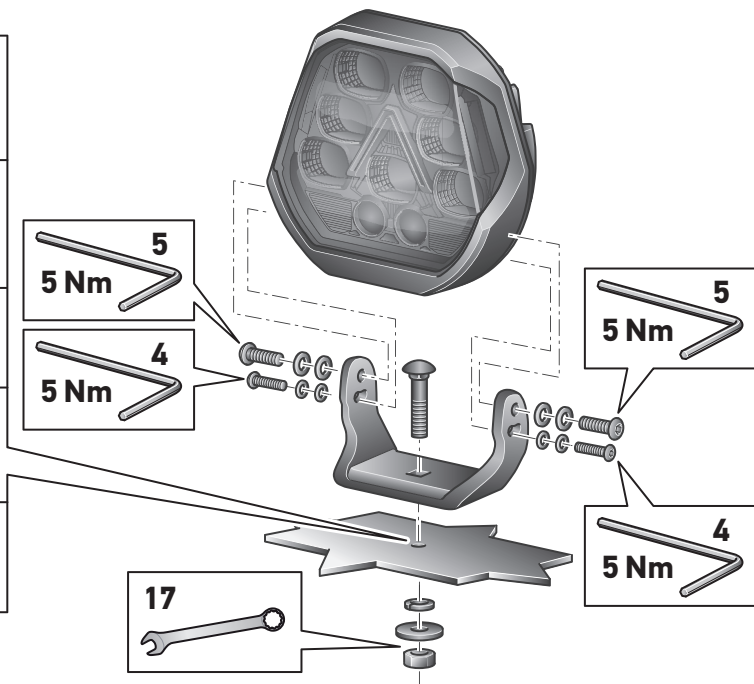
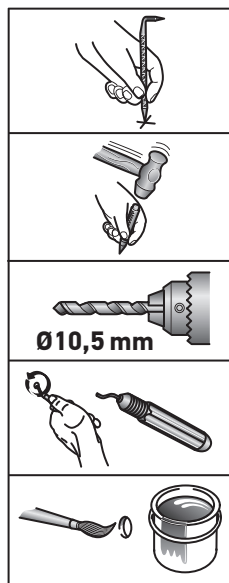
8KW 905 683-021

Installation tools required

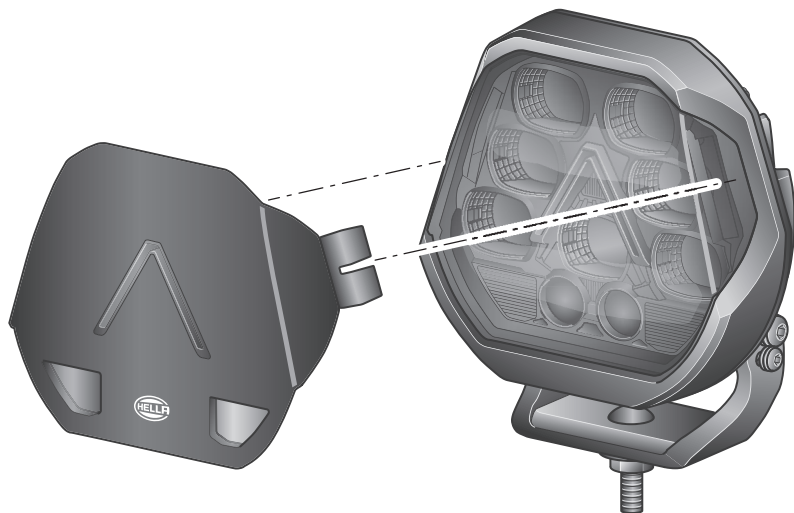


Mounting





Mounting Accessories

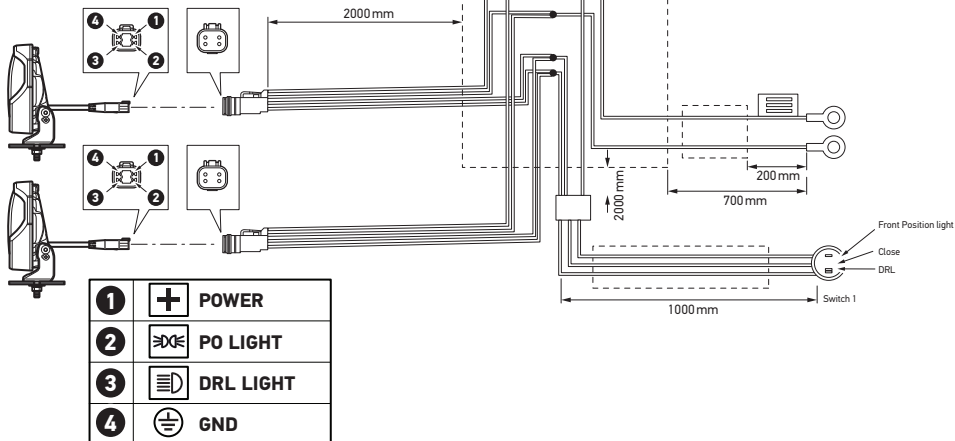


Electrical connection

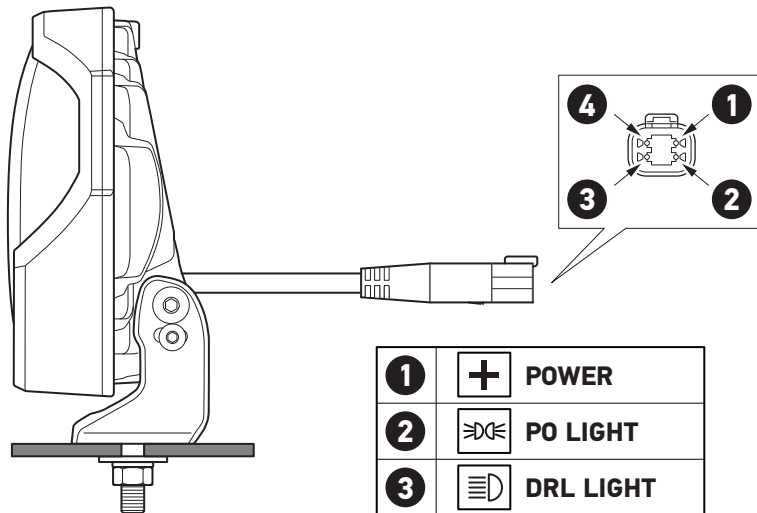
A



**Example of installation
Wiring harness - Set**



Electrical connection

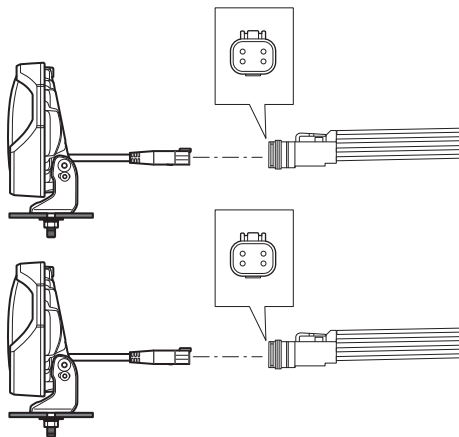


Electrical connection

A

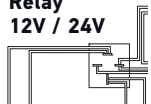


**Example of installation
Wiring harness - Set**



**Attention:
On-board Voltage
12V / 24V**

**Relay
12V / 24V**



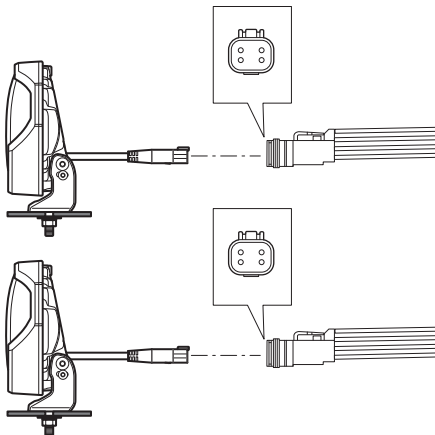
**12V relay supplied in kit, for 24V
supply applications, replace relay
and main switch with 24V equivalent
components.**

Electrical connection

A



**Example of installation
Wiring harness - Set**



(High Beam - Vehicle)



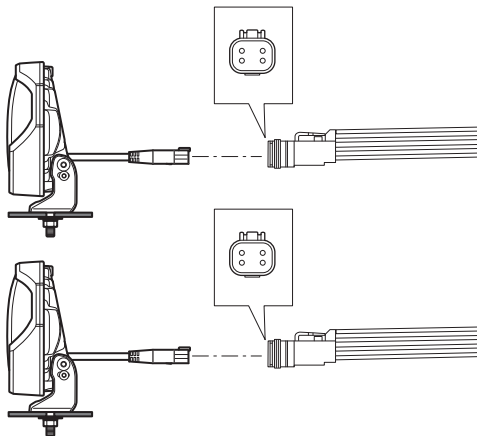
The driving lamps must be able to be
lighted only when the main-beam
head lamps switch is the "Lamps on "
position

Electrical connection

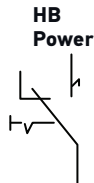
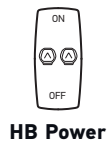
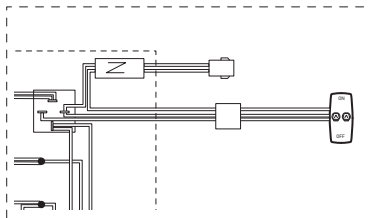
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**Example of installation
Wiring harness - Set**



HB Power

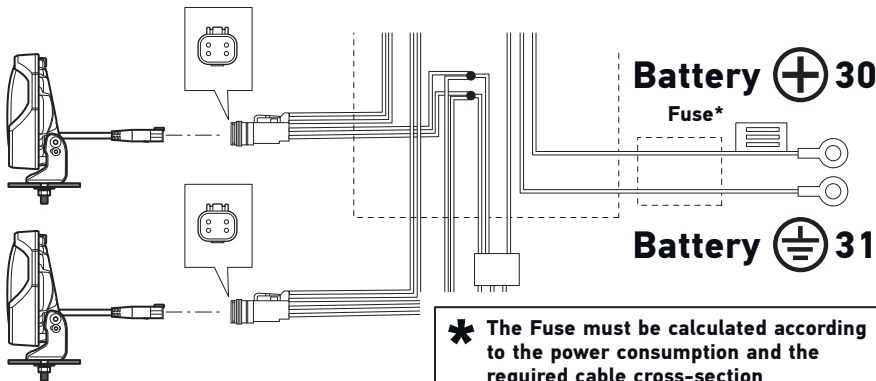


Electrical connection

A



Example of installatio
Wiring harness - Set



Electrical connection

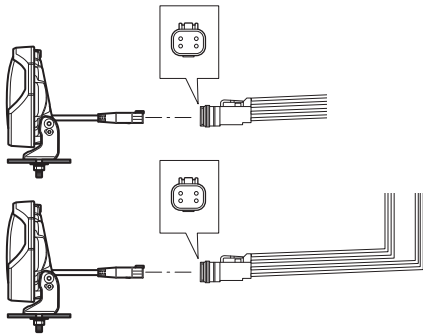
A



**Example of installation
Wiring harness - Set**



The daytime running lamps operate only when the vehicle lighting is switched off and the ignition is switched on.



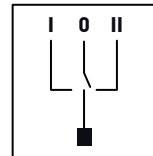
**XH-connector
(Male and female)
3 Pin**

**Front
position
light**



Close

DRL



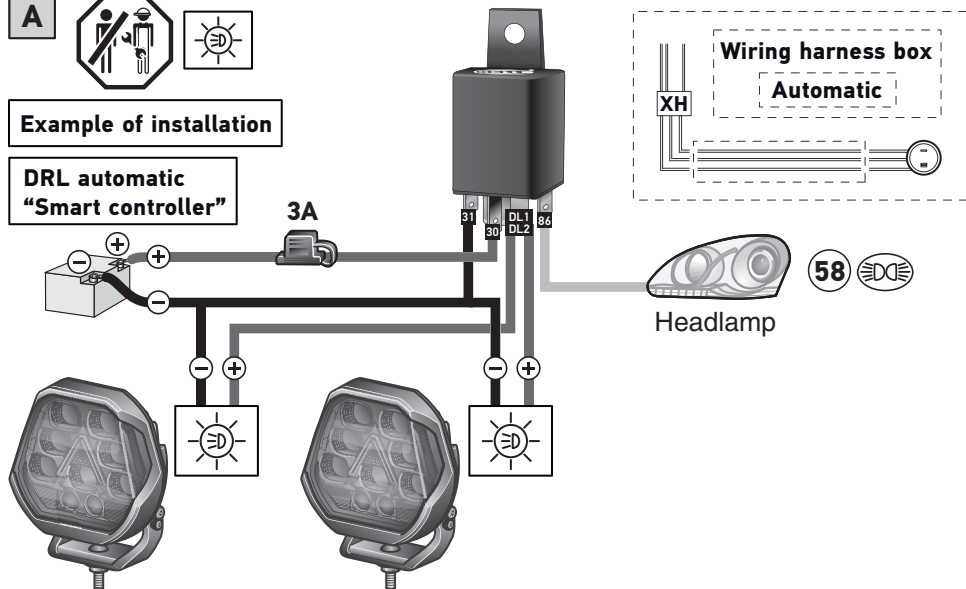
Electrical connection

A



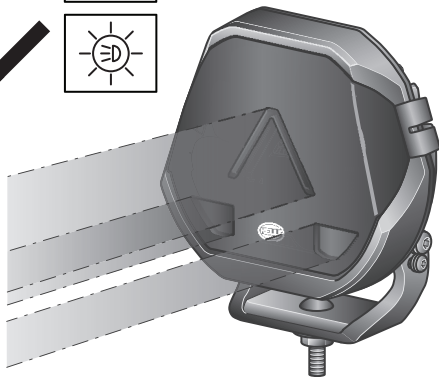
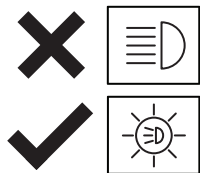
Example of installation

DRL automatic
"Smart controller"




Accessories
(Cable adapter)





Remove cover prior to operation, DRL activation excepted.
Once covers are installed onto the lamp, the main beam
is automatically deactivated. DRL and PO still function

TECHNICAL DATA

Nominal Voltage (Kit)	12 V Wiring harness		
Input Voltage	10-30 Volt	12V	24 V
Power Consumption		~160W	~120W
High Beam / High Power Current		≤15A	≤10A
Daytime Running Light Current		≤1.1A	≤0.6A
Position Light Current		≤0.3A	≤0.2A
Light Colour	white		
Ambient Temperature Range	-40°C → +65°C		
Storage Temperature Range	-40°C → +85°C		
IP Rating	IP69K, IP67		
EMC 	R10(CISPR25 CLASS 3)		

Daytime running light approved in accordance with ADR 76/00, ECE R87

Front position light approved in accordance with ADR 49/00, ECE R7

Operation of the light using alternating voltage or clocked direct voltage is not permitted!

The fuse must be calculated according to the power of the consumer and the required cable cross-section.

For installation requirements, please refer to local state road traffic regulations and ADR13.

For 24V supply applications, replace relay and main switch with 24V equivalent components.

Mounting steps: Page 6 – 7

It is however essential that country-specific laws are observed.

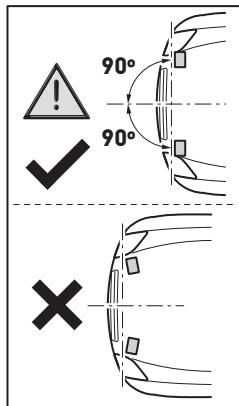
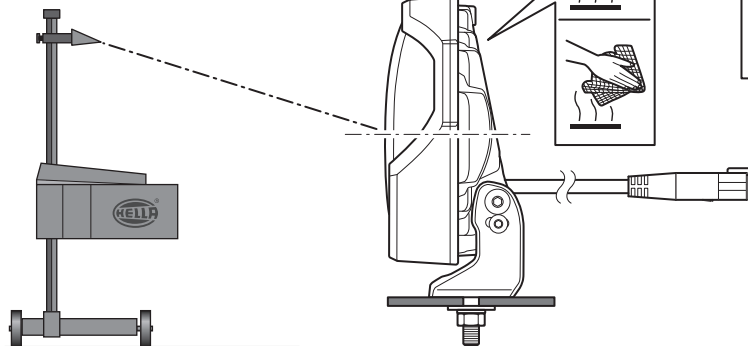
Check the lighting system, fasten the connection cables securely.

Have the driving lights adjusted at a specialist garage.

Only correctly adjusted lights provide optimum light.
Check that the lighting system is working perfectly.

A useful tip:

Keep the cover lenses clean. Dirt may absorb up to 80% of the light emitted.



Please dispose of the packaging and the product in accordance with the national and regional recycling regulations and laws.



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