

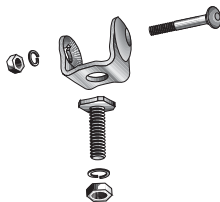
***Installation Instructions***  
***Reverse light***



***Comet 450/550***



## Kit includes

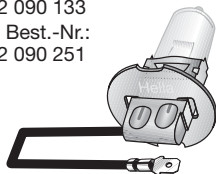


## Accessories

(not included with kit)

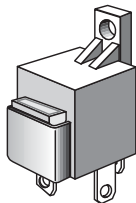
**12V H3:** Best.-Nr.:  
8GH 002 090 133

**24V H3:** Best.-Nr.:  
8GH 002 090 251



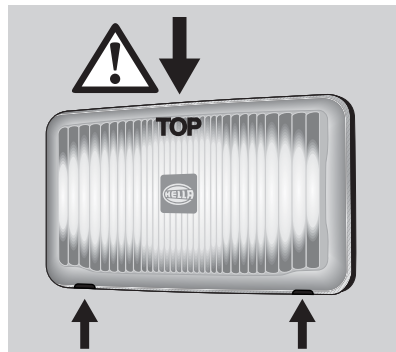
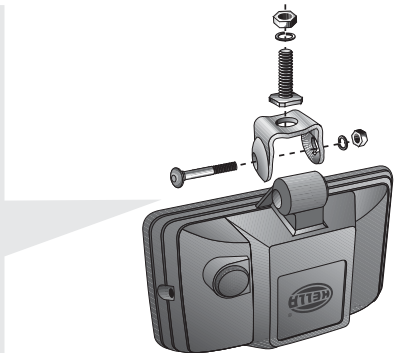
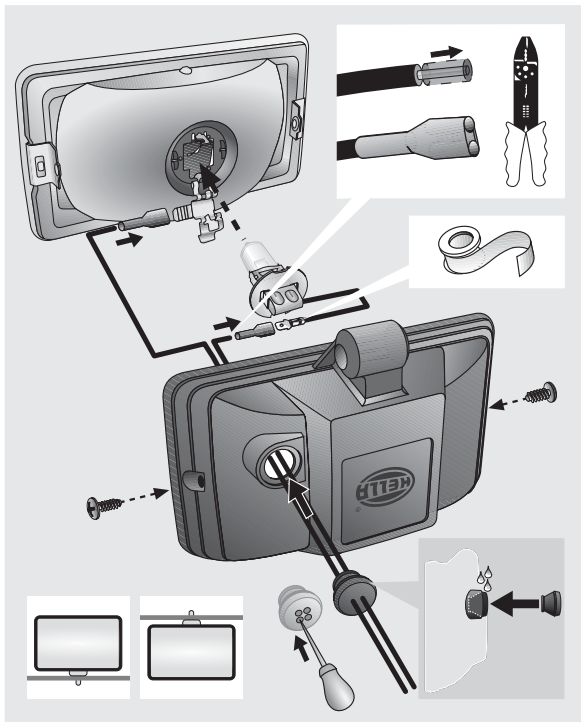
**12V**  
Best.-Nr.:  
4RA 003 510-361

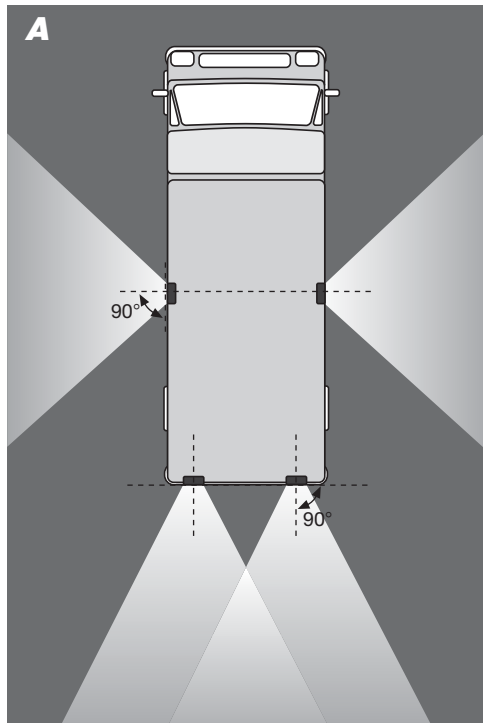
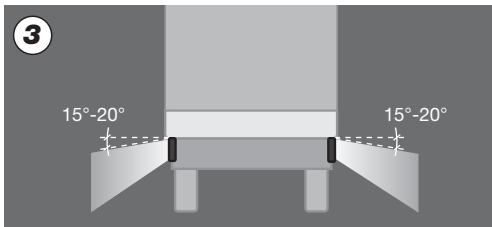
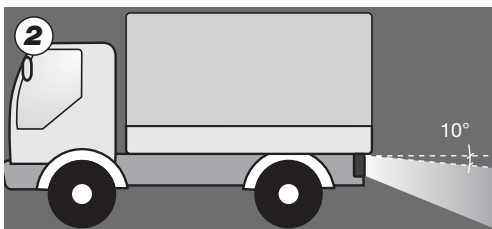
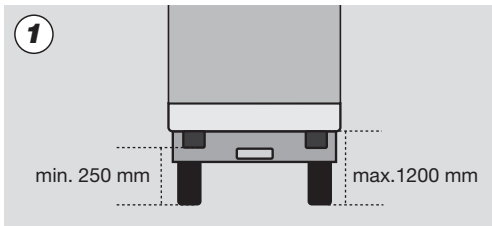
**24V**  
Best.-Nr.:  
4RA 003 510-651



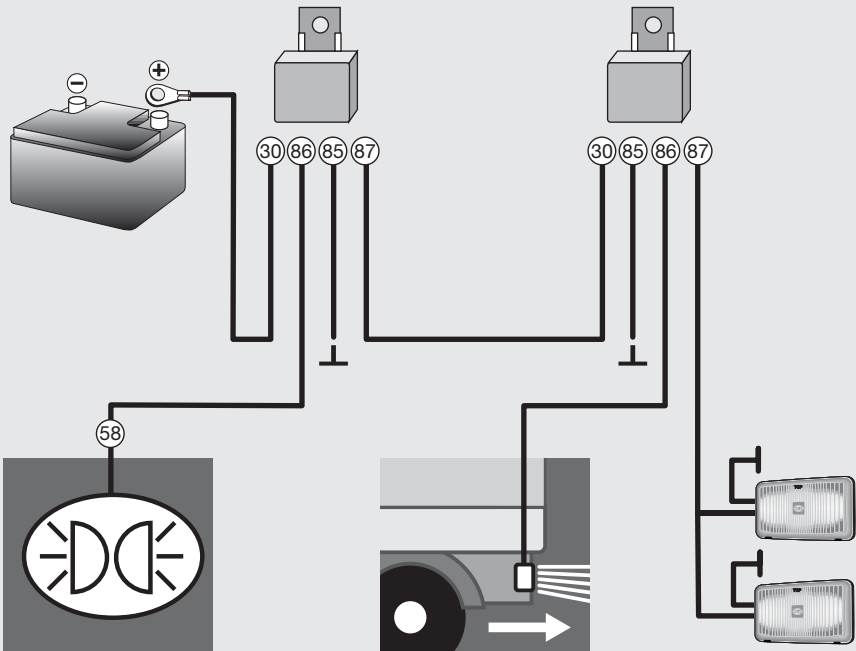
6,3 x 0,8 mm  
Best.-Nr.: 8KW 708 373-812







**B**



## Tools:

- Folding rule
  - Pliers for crimp connectors
  - Chisel
  - Crosshead screwdriver
  - Screwdriver
  - Open-end/Ring spanner 13, 17, 19
  - Drill bits Ø 3, 11 mm
- 

## Installation

Pendant or upright installation is possible. The light must not protrude beyond the edge of the vehicle. (see page 4, Fig.: **A**)

1. Determine the installation position (Fig.: **1**) and mark the fastening points.
2. Pilot-drill using a 3 mm drill bit, and drill out to 11 mm. Seal drilled metal parts with rust protection.

3. Remove the light insert. Push blade terminals onto the cables and crimp together. Insert the bulb and the sealing grommet in accordance with the instructions. Assemble the housing according to the chosen position.
  4. Align and tighten the light according to the chosen mounting location (Fig.: **2** and **3**).
- 

## Electrics

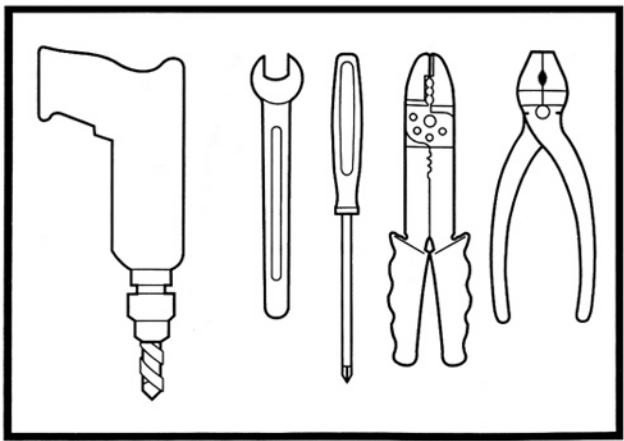
**Caution!** – Ignition in zero position. Install the Hella relays (available from accessory dealers) in a splash-proof position, with the connection terminals pointing

downwards. Lay the cables and connect them in accordance with circuit diagram **B**. Connect terminal 86 of the second relay to the existing reverse light.

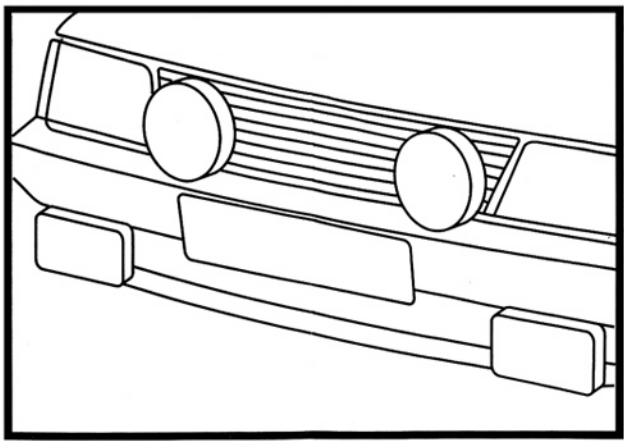


# Mounting Instructions for Auxiliary Lighting

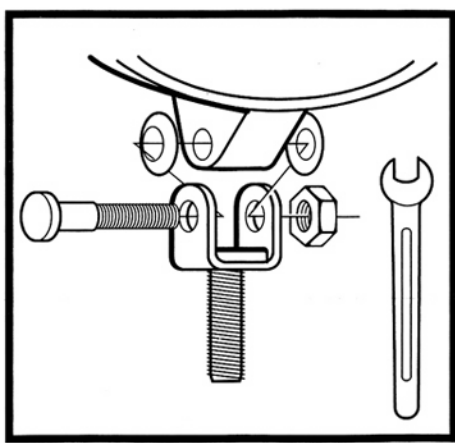
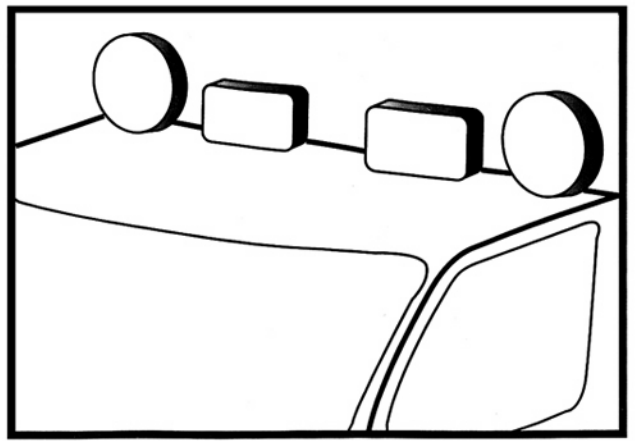
Please follow instructions carefully; some of them are legal requirements:  
 1 Consult your local state regulations regarding minimum and maximum height above ground.  
 2 Mounting position: Lamps must be mounted in such a way that they are at exactly the same height. They are the same distance from the center of the vehicle. They do not vibrate after they are mounted on the vehicle.  
 Important: Before fitting the lamps make sure that they do not prevent sufficient air reaching the radiator.



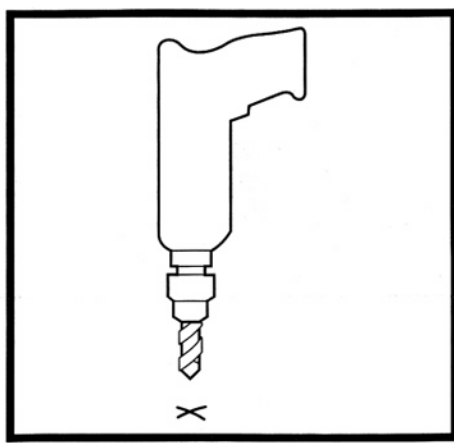
You need these tools



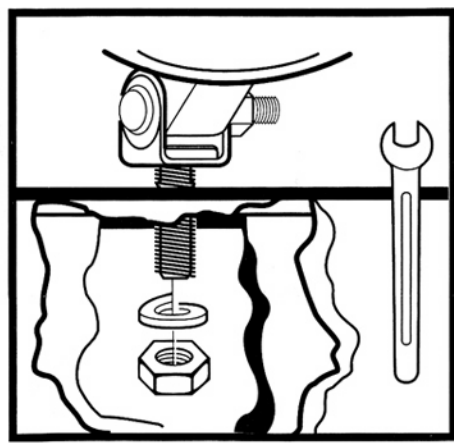
Find a suitable fitting point



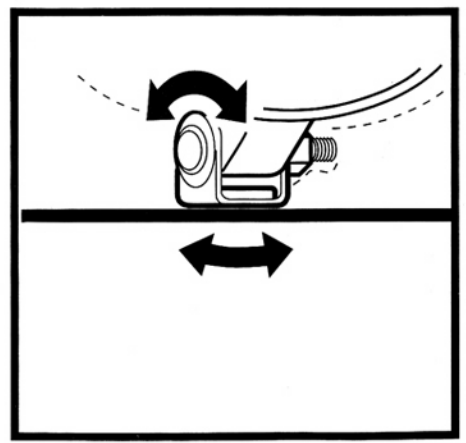
Attach the mounting base to the lamp



Drill a mounting hole if needed



Attach the lamp to vehicle



You can adjust the lamp at the base

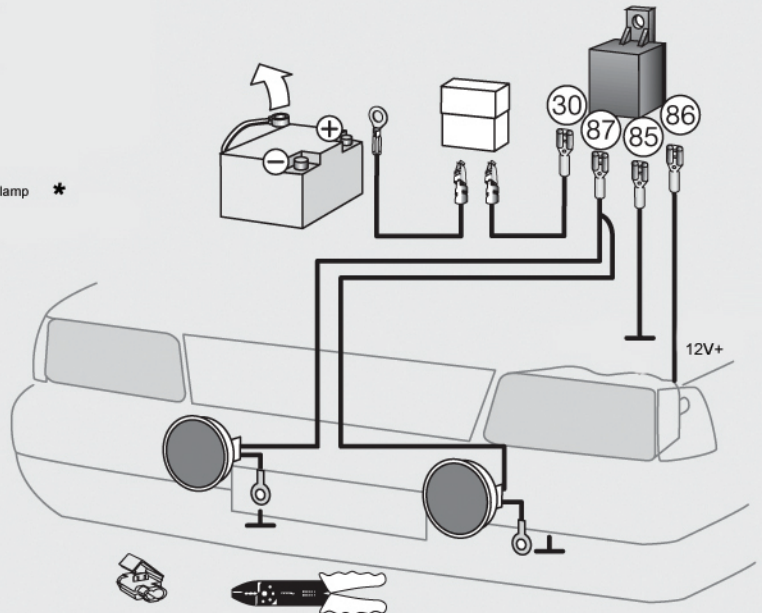


# Wiring Instructions for Auxiliary Lighting

- 1 Disconnect the battery
- 2 Run leads
- 3 Connect relay
- 4 Secure relay
- 5 Connect lamp
- 6 Connect to headlamp \*



\* NOTE: Driving lights connect to high beams, 12V+  
Fog lights connect to low beams, 12V+

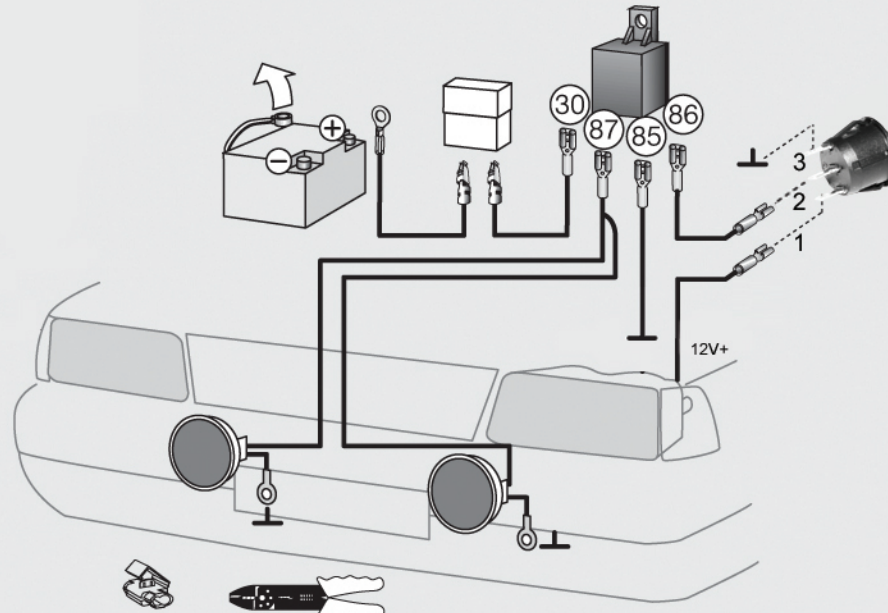


- ③① RED - 12V+ from Battery
- ⑧⑤ BLUE - Ground
- ⑧⑥ YELLOW - Trigger for Relay

- 1 Disconnect the battery
- 2 Run leads
- 3 Connect relay
- 4 Secure relay
- 5 Connect switch
- 6 Secure switch
- 7 Connect lamp
- 8 Connect to headlamp \*



\* NOTE: Driving lights connect to high beams, 12V+  
Fog lights connect to low beams, 12V+

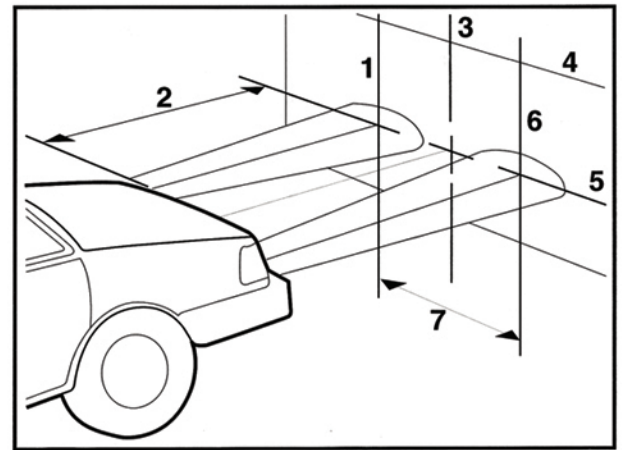


- ⑧⑦ BLACK - Output to Lamps
- GREEN - Power for Switch 12V+

## Adjusting the lamps

The correct visual aim is with the top of the beam 4" below the lamp center at 25 ft.  
The lamp should be centered laterally on a vertical line directly ahead of the lamp.  
A higher visual aim may be desired, but the top of the beam should not be higher than the lamp center level at 25 ft.

- 1 Vertical centerline ahead of left headlamp
- 2 25 ft.
- 3 Center of vehicle
- 4 Flat vertical surface (wall, ect.)
- 5 Height of lamp centers (distance from ground to center of lamp)
- 6 Vertical centerline ahead of right headlamp
- 7 Distance between headlamps



On our website you can discover more about Off-Road Lights.