

# Installation Instructions

## SON Rear Light - Seat Post Mount

The 6V-3W hub dynamo-powered SON rear light (K 920) is made for use with a 6V-2.4W-LED-headlight or 6 Volt DC supply. It has standlight feature but not a built-in reflector. Please observe the legal regulations in your country!

The rear light is equipped with a tensioning strap suitable for seat posts of diameters from 26 up to 31.6 mm. It comes with 2 rubber shims for the rear light housing:

- Ø 29 mm ... 31.6 mm: no shim
- Ø 27.5 mm ... 30 mm: thin rubber shim
- Ø 26 mm ... 29 mm: thick rubber shim

Take the seat post off the bike, slide the rear light onto it and remount the seat post. Move the rear light to the right position and place a rubber shim, if needed. Tighten the clamping nut by hand at first, then use the pin enclosed to tighten the strap all the way. The strap should be tensioned only just as much that you cannot move the light any more. Protect carbon seat posts using a piece of heat shrink tubing on the tensioning strap.

Lead the cable to the headlight. Cut the cable to a length that allows you to adjust the height of the saddle.


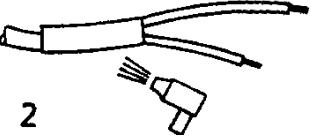
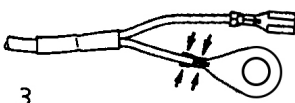
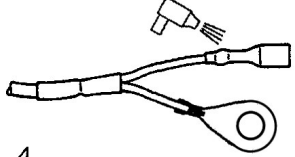
**CAUTION:** The connection cable is cast and soldered firmly within the rear light. This is why it is not replaceable. **DO NOT** cut cable too short when mounting. When removing the light **DO NOT** cut the cable.

Edelux headlights are connected with a female spade connector and a ring terminal (see Image).

Headlights of other makes are often connected with 2 female spade connectors.

There is no ground connection on the housing so there is no need to observe polarity.

### Connection to the Edelux Headlight

 <p>1</p>	<ul style="list-style-type: none"> <li>- Cut the cable to a suitable length.</li> <li>- Carefully strip back about 6 cm of sleeving from the cable.</li> <li>- Twist the underlying wires together.</li> </ul>
 <p>2</p>	<ul style="list-style-type: none"> <li>- Strip the inner conductor to about 5 mm long.</li> <li>- Heat the thin 32 mm piece of shrink tube with a low flame or a hot air gun onto the outer conductor.</li> <li>- Cut the non-insulated end of conductor to 5 mm.</li> <li>- Shrink a fat piece of shrink tube onto the split.</li> </ul>
 <p>3</p>	<ul style="list-style-type: none"> <li>- Fit a small female spade connector using a crimp tool or pliers to the longer wire and a ring terminal to the shorter wire.</li> <li>- Make sure that one pair of claws grips the insulation, the other pair of claws grips the conductor.</li> </ul>
 <p>4</p>	<ul style="list-style-type: none"> <li>- Shrink a thin short piece of shrink tube onto the small connector avoiding short circuiting the housing.</li> <li>- Lightly grease the cable shoe.</li> </ul>

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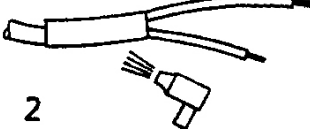
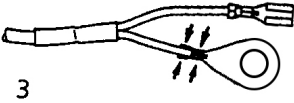
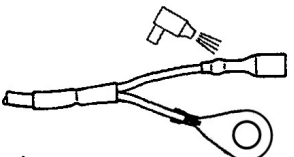
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