



## Troubleshooting protocol Maxi

Date	Company/workshop	Your reference
Phone	E-mail	

### Vehicle identity

Manufacturer/brand	Registrationnumber	Owner
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### P-LIGHT Identity

Seriesnr P-LIGHT lådan (yellow label on the inside or outside, always starts with 1 letter)	Serial number P-LIGHT electronicbox (label on electronicbox)
Letter ..... 5 Numbers .....	
Describe errors/problem	

### Kontrollpunkter

		OK	Measure
1	Do an ocular inspection of the P-LIGHT so that no damage has occurred.	<input type="checkbox"/>	<input type="checkbox"/>
2	Check that wiring for connection of P-LIGHT have the right cable area, min 2,5 mm <sup>2</sup> .	<input type="checkbox"/>	<input type="checkbox"/>
3	Check that enclosed ferrit core is mounted on incoming cable.	<input type="checkbox"/>	<input type="checkbox"/>
4	Check that the wiring has no damage or breakage.	<input type="checkbox"/>	<input type="checkbox"/>
5	Check that both lighting circuits are connected to the electronics (terminal 4 and 6) to insure full charging capacity.	<input type="checkbox"/>	<input type="checkbox"/>
6	Check that the ground is connected to terminal 3.	<input type="checkbox"/>	<input type="checkbox"/>
7	Check that external equipment such as for example that the radio is connected to toggle switch AUX.	<input type="checkbox"/>	<input type="checkbox"/>
8	Check that no external equipment is connected directly to the batteries.	<input type="checkbox"/>	<input type="checkbox"/>
9	Run test programs and check the values whit the truck connected, note the lighting must be on on the truck but the truck does not have to be running. Fill in the values below!	<input type="checkbox"/>	<input type="checkbox"/>
10	Make sure the batteries are fully charged when service/repair is complete.	<input type="checkbox"/>	<input type="checkbox"/>
11	Check that the lid seal is undamaged.	<input type="checkbox"/>	<input type="checkbox"/>
12	Check cable glands so that they are tight and sealed. Unused cable glands must be plugged in. For example whit a plug, bolt or similar	<input type="checkbox"/>	<input type="checkbox"/>
13	Tightening screws to lids, use hand force – not machine, 8-10 Nm.	<input type="checkbox"/>	<input type="checkbox"/>
14	Check that all functions and operations work properly.	<input type="checkbox"/>	<input type="checkbox"/>
15	Check that all bolts are tightened.	<input type="checkbox"/>	<input type="checkbox"/>

### Testprogram värde

Code <b>U4</b>	Guidevalue min 24V	Code <b>U6</b>	Guidevalue min 24V	Code <b>U8</b>	Guidevalue 0V	Code <b>UC</b>	Guidevalue ca 28/20°C	Code <b>U1</b>	Guidevalue ca 25V
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