



**Der Getriebedoktor**  
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## **Part list for light building set Grand-Hauler 7.2V**

### **contained parts:**

high beam:	2 LEDs white, (60000) 5mm 1 Resistor (61002) for series connexion
winkers, front:	2 LEDs yellow, (60013) 3mm 2 Resistors (61007) for single connexion
roof lights:	5 LEDs yellow, (60013) 3mm 5 Resistor (61007) for single connexion
tail lights:	2 LEDs red, (60001) 5mm 1 Resistor (61001) for series connexion tail light 1 Resistor (61004) for series connexion brake light
winkers, rear:	2 LEDs yellow, (60002) 5mm 2 Resistors (61007) for single connexion
back lamps:	5 LEDs white, (60010) 3mm 5 Resistor (61004) for single connexion
aux lights:	2 LEDs white, (60010) 3mm 1 Resistor (61003) for series connexion

LEDs only may be used with a resistor in front of them!

LEDs have to legs with different length. The long one has to be switched to battery+.

For the several light you can find the type of LED and resistor in the table above.

The tail light will be used twice. It will be switched with different resistors, one for the tail light and a second for the stop light.