



# BMW R18



## Electrical connection for additional LED position & stop lights on Saddle Bags

I suggest you a simple solution to connect additional lights on the Saddle bags



On the saddlebag - back side install the bracket , drill holes fi 6 mm and install the PIN screw.



drill an oval hole at the bottom of the case with a 6 mm drill bit



attach the lamp housing and drill a 4 - 4.5 mm hole for the power cable



cut the cable in half - two equal parts then drill a hole for the cable on the back at the edge





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the cable with the male socket is routed along the inner edge of the Saddlebags  
and fix cable with self-adhesive cotton tape



the contacts are slightly protected with **Wd40** and weld cable contact ,  
here is a three-core cable, two wires are minus (white and yellow), one wire (red) is a plus signal



gently remove the left side cover then unscrew the three TORX screws



here we find a 6 pin connector ,  
on the left side of the 6 pin connector  
remove the cotton isolation tape





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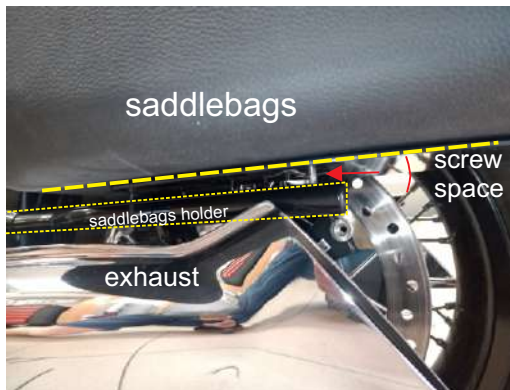
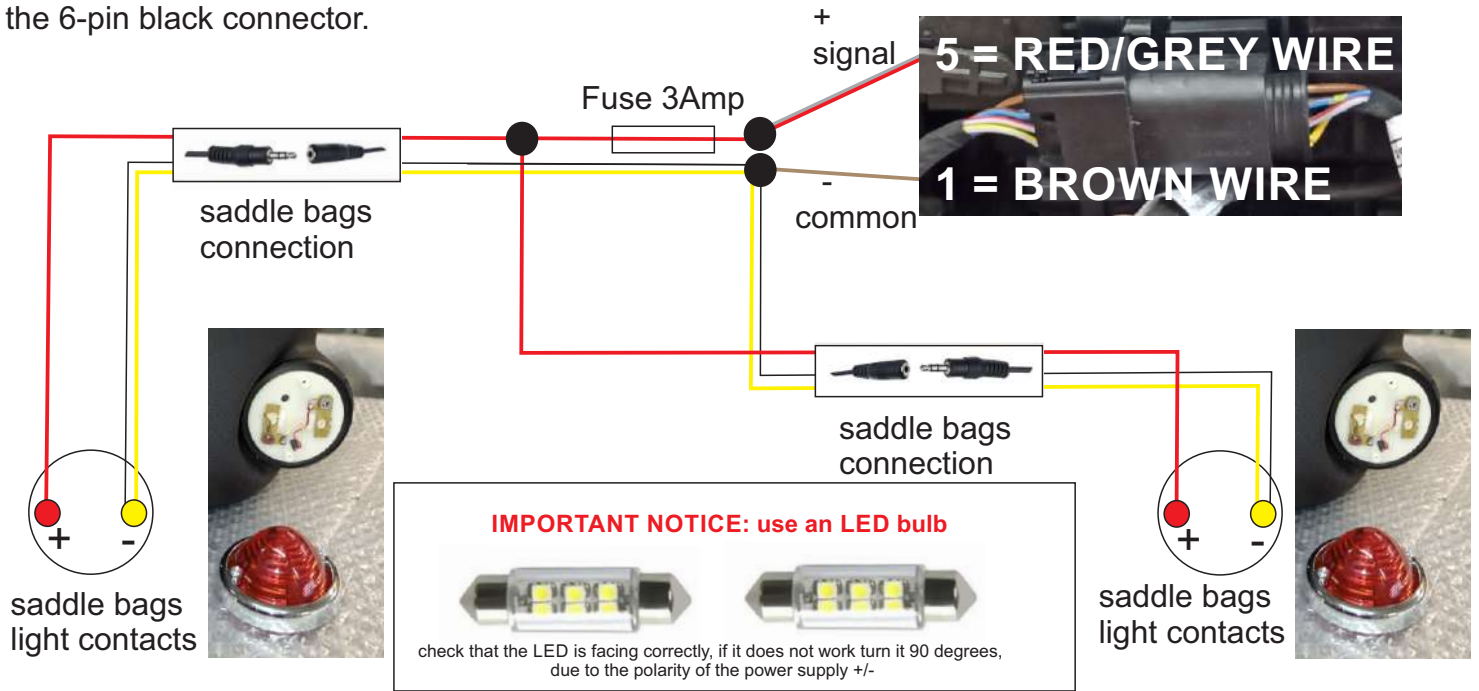


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both cables from saddle bags - wires are connected in parallel ,the yellow and white wires are all put together and soldered to the NR.1-BROWN wire on the left side of the 6-pin black connector, tie both red wires together and solder to the fuse and then to the NR.5-RED/GREY wire on the left side of the 6-pin black connector.



cable installation Right and Left side

gently by hand bend the lower round bracket from the saddlebags down so that there is approx. 10 mm of space between the unattached saddlebags and the bracket ,then tighten the screw to the end so that Saddlebags do not shake.

**Secure all screws with Soft Loctite**