



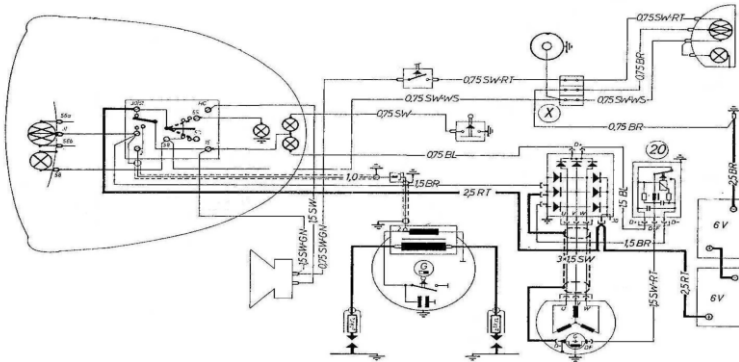
BMW R50-69S



Electrical connection for additional LED lights on Saddlebags

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

from clip	cable - color and mm ²	to clip
15 headlight	black-green 1,5	--- horn
HO headlight	black 1,5	--- horn
2 headlight	grey (protected) 0,75	2 magneto
--- headlight	black 0,75	--- neutral switch unit
58 headlight	black-white 0,75	58 strip terminal (fender)
31 headlight	brown 2,5	31 regulator
51 headlight	red 2,5	51 regulator
61 headlight	blue 0,75	61 regulator
--- battery (+)	red 2,5	30 regulator
--- battery (-)	brown 2,5	--- ground (gearbox)
--- battery (-)	brown 0,75	--- strip terminal (fender)
--- brake light switch	red-black 0,75	--- strip terminal (fender)
--- brake light switch	black-green 0,75	--- horn
Not include:		
31 headlight	(protected) 0,75	31 engine (-)



Unscrewed two screws on the red light and attach it to the Saddlebags as shown in the picture



Attach the lamp housing and drill a 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

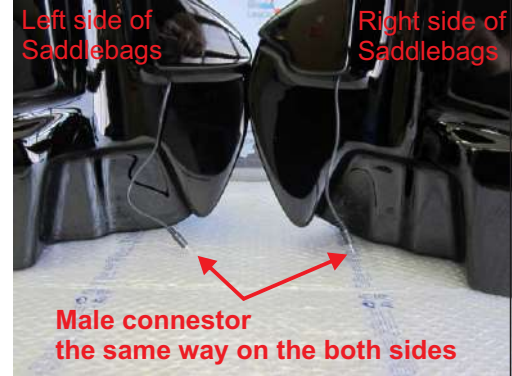


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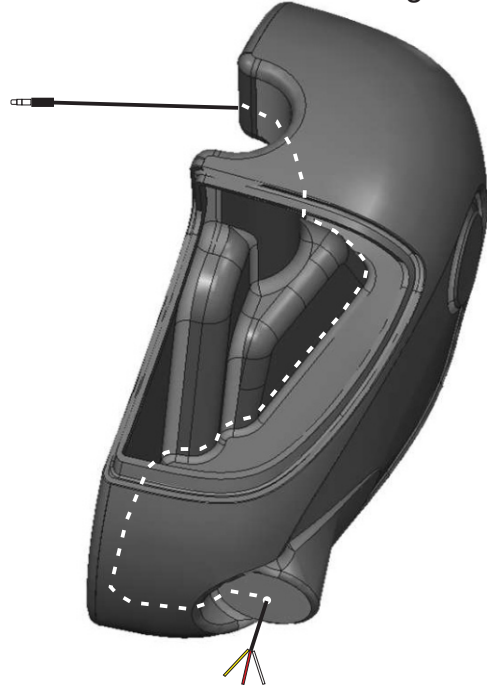


Electrical connection for additional LED lights on Saddle Bags

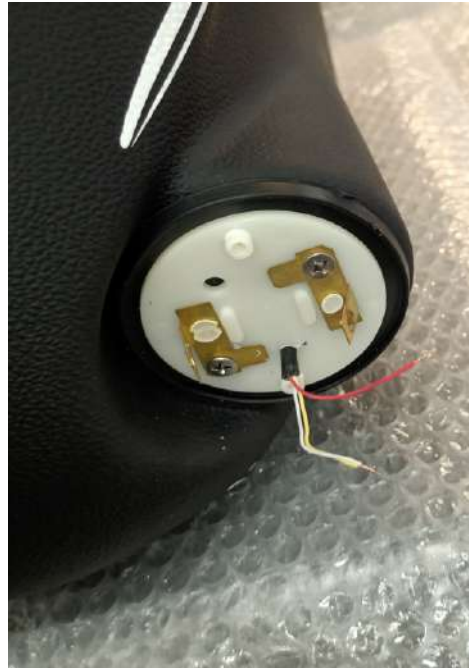
Insert the cable through the hole as shown in the picture, the cable with the **Male Connector** should be approx. 250 mm long on the outside



Cable inside of Saddlebags



Attach the lamp housing and drill a 5 mm hole for the power cable



the cable with the male socket is routed along the inner edge of the Saddlebags and fix cable with self-adhesive cotton tape , where the cable goes through the hole, fill it with silicone glue to make it waterproof.



solder the wires to the contacts:

- Red
- Yellow
- White



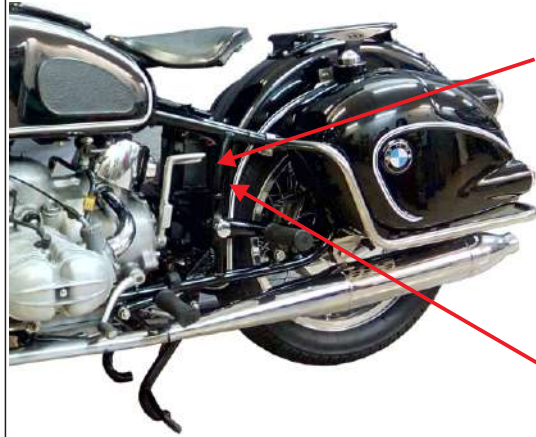
the contacts are slightly protected with **Wd40** and weld cable contact ,here is a three-core cable, two wires are minus (white and yellow), one wire (red) is a plus signal



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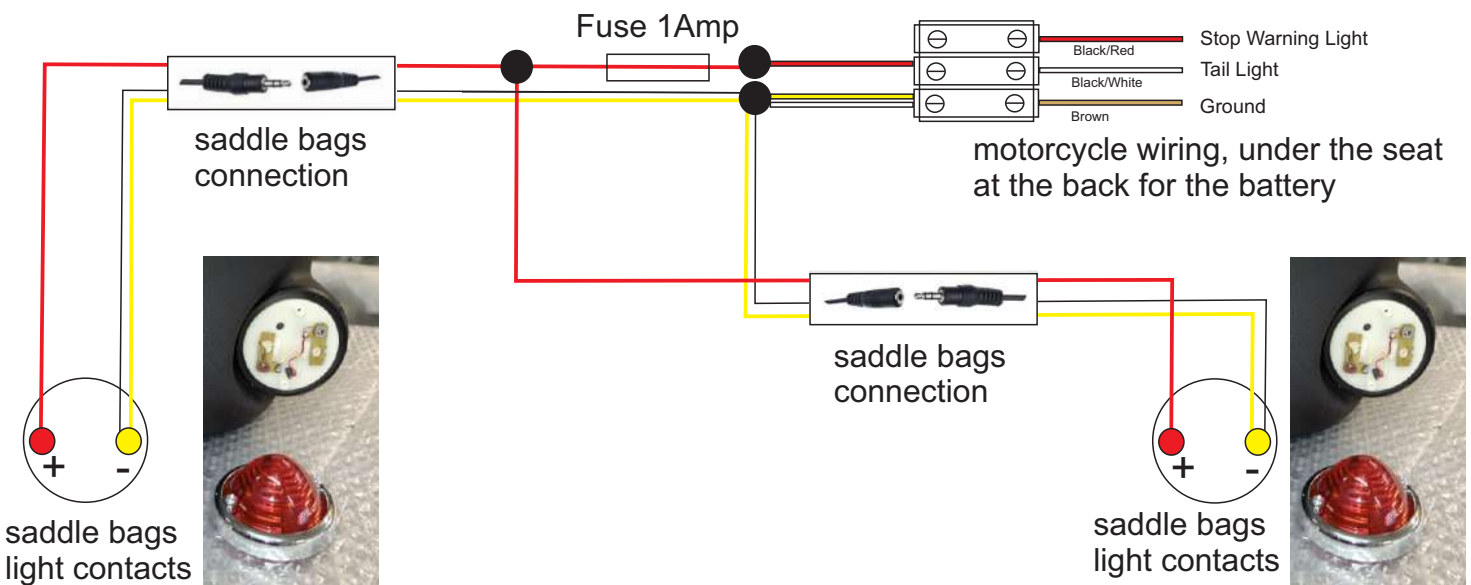
Electrical connection for additional LED lights on Saddlebags



I recommend that the wiring be done by an electrical expert.

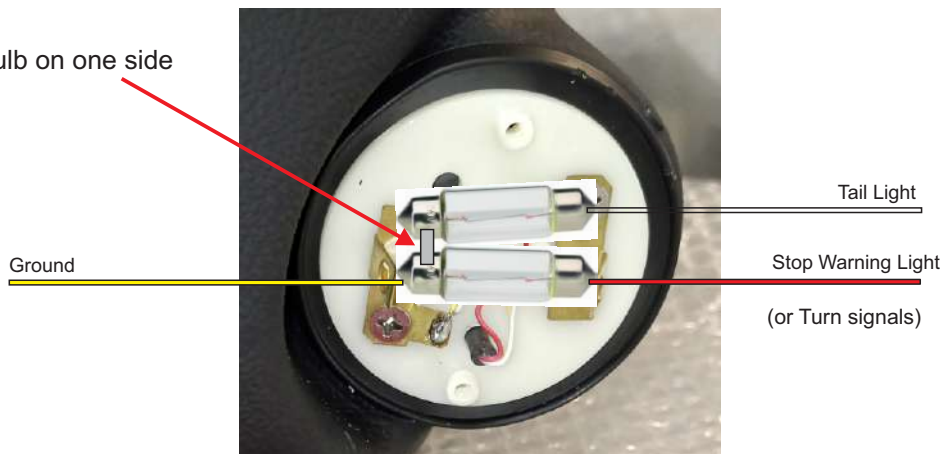
- There is usually a connecting electrical coupler behind the battery
- Additional lights on Saddlebags can be used for e.g. tail light, stop warning light or turn signals.
- Be sure to add the appropriate fuse according to the wattage of the bulb

Both cables from Saddlebags - wires are connected in parallel ,the yellow and white wires are all put together and connect to the BROWN wire ,both red wires together and solder to the fuse and then to the RED wire



A simple solution in a combination of turn signals or stop/warning light

solder an additional bulb on one side



Secure all screws with Soft Loctite