

Step 1 is to purchase an aftermarket LED headlight unit that works with BMW F800GS. The CANBUS system in the F800 is similar to the K1200R and K1300R.

<https://www.ebay.com.au/itm/Motorcycle-Replacement-LED-Headlight-with-Angel-eye-For-BMW-F650GS-F700GS-F800GS/233320575038?hash=item3652fd703e:g:M-8AAOSwnaBdX5DM>

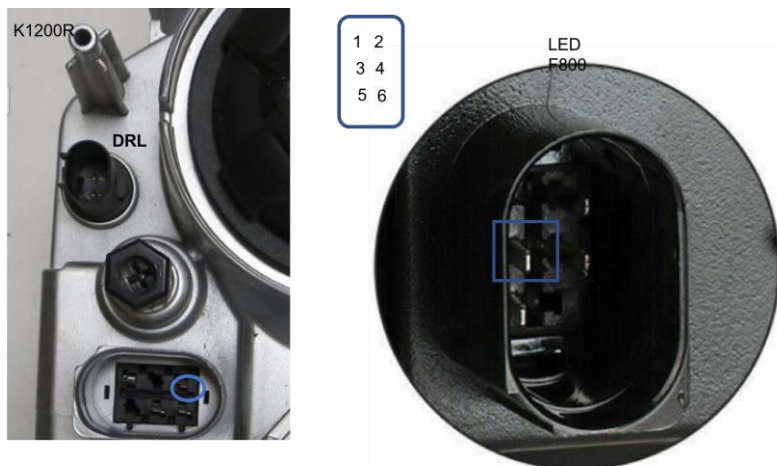


The connector with K1200R is a 6-pin pigtail connector and uses 4 pins. The key shown in the diagram below shows that the K1200R/K1300R uses pins 1, 2, 4 and 5.

The connector for the F800 uses pins 2,3,4 and 5

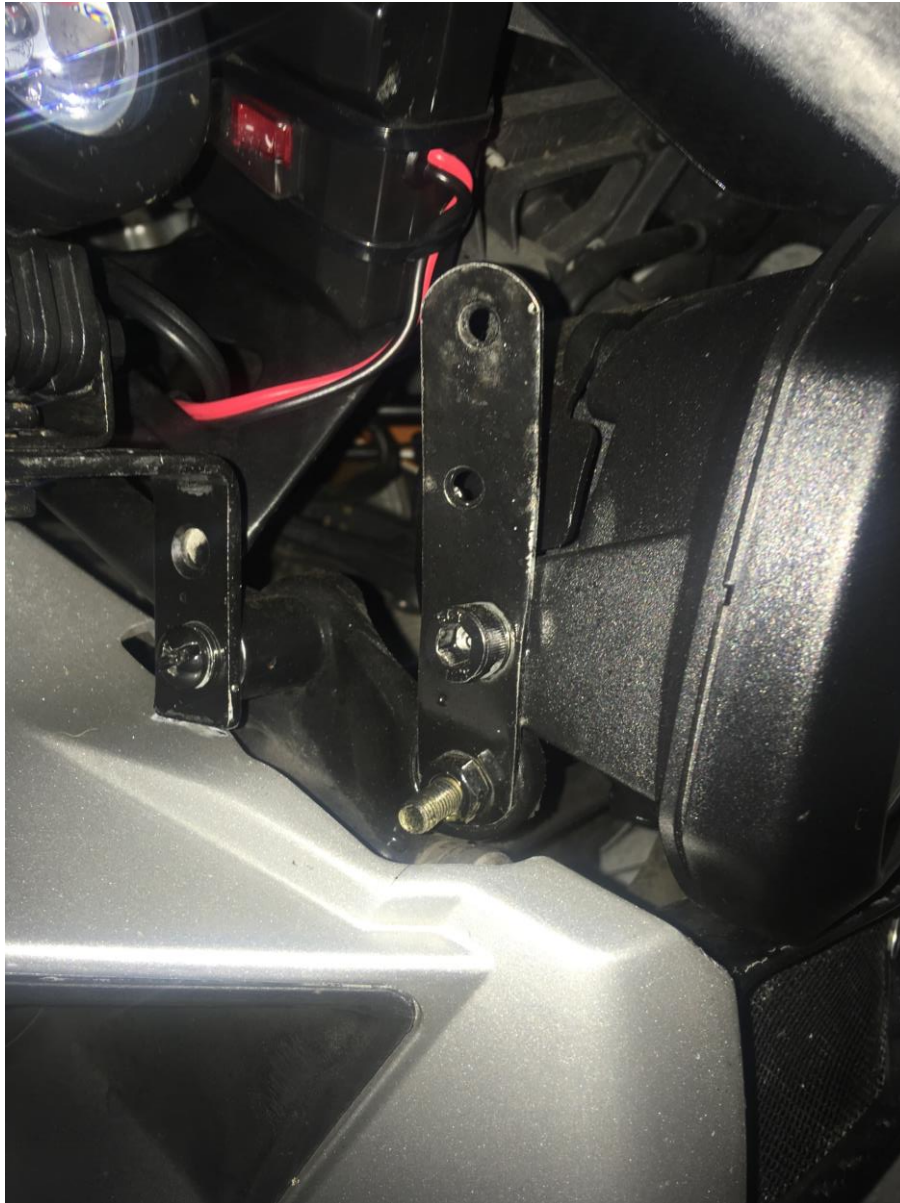
Pins 2, 4 and 5 are the same in both headlamps. However, the K1200R/K1300R has pin 1 whereas the F800 LED light has a pin 3.

You will need to change the location of the wire on the plug for the K1200R/K1300R from location 1 to location 3 and then the new unit should work as plug and play.



For mounting the new headlight unit, you will need to use two mending plates on either side to mount the headlight unit onto your existing frame. See picture below. The lower hole of

the mending plate attaches the plate to the motorcycle frame and the upper hole is used for fastening the headlight unit to the mending plate.



You can buy mending plates from any hardware store or Amazon.

See link below.

https://www.amazon.com/35-Pieces-Stainless-Straight-Brackets-Connector/dp/B07KVY3HJP/ref=sr_1_7?keywords=mending+plate&qid=1581419832&sr=8-7

SIZE QUANTITY

All dimensions are measured manually,
there may be measurement errors,
please don't mind.

