



## BMW Replica Bar-End Turn Signal Physical [Installation](#)

The BMW Bar-end mirrors were an OEM BMW part back in the distant past. They're such a cool design, that it makes you wonder why they ever went away. These reproductions are labeled to say they will fit 7/8" diameter handlebar, so you can customize any UJM (Universal Japanese Motorcycle) of the 60s and 70s. They each insert into one end of your 7/8" handlebar. (7/8" is the standard for almost all handlebars EXCEPT Harley-Davidson (1") and the new Triumphs are 1" diameter as well.) Vintage BMW handlebars are often 22mm, which is microscopically different from 7/8" (.011 = 11 Thousandths), but do your homework and measure twice, buy once! They arrive to you two per box. There is only one wire lead from each light to connect to. Check that your handlebars have a hole somewhere near the gooseneck (around the steering head/ forks) so that you can connect them...that wire is INSIDE the handlebars so you gotta have ingress and egress). If your handlebars don't have that hole, buy some that do, or get busy with the power tools.

You may need to disassemble the turn signal in order to crimp (very gently) the flange that enters the handlebars. Be careful not to break the ends...go slowly and test the fit several times.

### **Tools needed:**

A large flathead screwdriver

A small phillips/crosspoint screwdriver

A tool such as channel locks to squeeze the flange ends.



### **First:**

Remove the orange lenses (on both sides) in order to easily remove the bulb.

### **Second:**

Using the Large screwdriver remove the screw at the end and then remove the spring-loaded bulb.

### **Third:**

Remove the bulb and it's wire assembly to get to the screw/bolt holding the flange/keeper.



**Fourth:**

Unscrew/loosen the screw/bolt until the far piece on the left shown here is no longer putting pressure on the hollow stalk.



This picture is the screw used to loosen the flange insert as seen through the large decorative end-cap screw.



GENTLY compress the flanged end if necessary in order to get the narrow end to insert into your handlebar end. (Think inexpensive Taiwanese pot metal as you squeeze the pliers handles and say a little prayer to your mechanical gods of choice.)



### **Wiring:**

We at CafeRace are not particularly electrically savvy, but one of our customers who is, wrote up a detailed installation document that is also available on our [Installation](#) page.

In addition, you may also want to consider leaving enough wire slack to remove the whole assembly when you need to put new grips on your bars.

Just consider what a drag it would be to have a tight wire installation, soldered and heat shrink wrapped and then realize you can't pull the assembly out without breaking everything.

Consider using a blade and sleeve electrical connector for quick disconnect capability.



With the extra wire in place and the flange snugged up, just reinstall the bullet style bulb, re-attach the orange lenses and finally make the connection with the end cap screw. Now get a beer.. you deserve one.

