

How to connect comfort flasher module to the Toyota electrical system

The comfort flasher module has four wires that need to be connected to the car's electrical system. Two of them lead to turn signal lever. The other two power the module. The cables should be installed by soldering, giving a reliable and durable electrical contact.

Fortunately the Toyota factory flasher relay aggregates all the connections in place, thus a plug-and-play installation is possible without the need to cut any wire. Moreover, installation of the comfort flasher does not void the warranty of your vehicle if you use a separate, spare genuine Toyota relay for this, because you can keep the original flasher relay unmodified for later reinstallation.

Pictures below were created on a Toyota Yaris II (2008) model, but most Toyotas use the same flasher relay module, so practically any Toyota using relay like this can benefit from such a comfort flasher module.

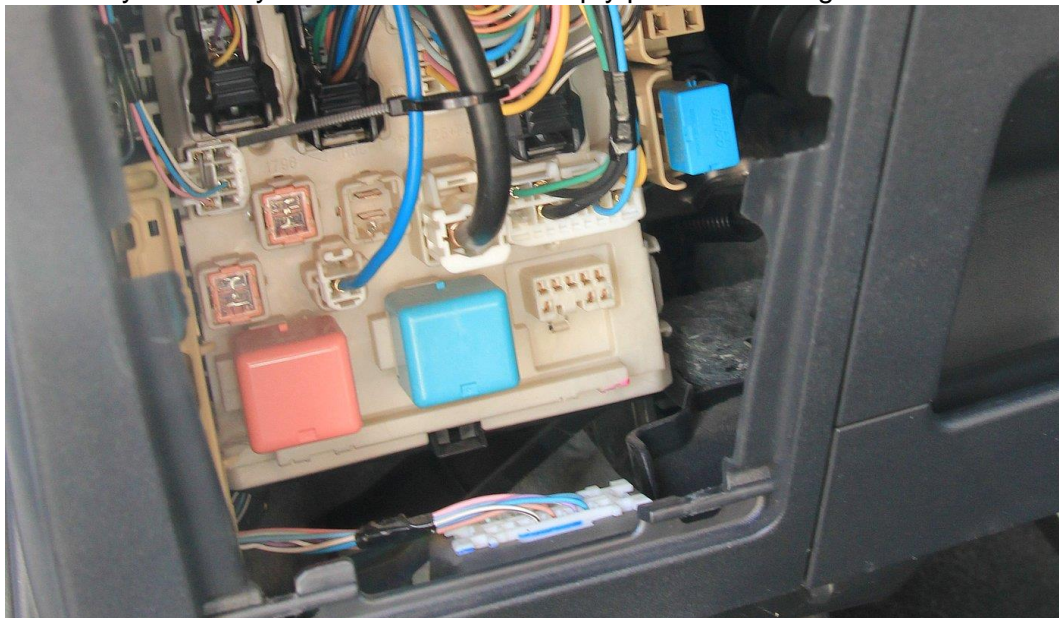
First remove the small little glove box situated to the left of the driver seat:



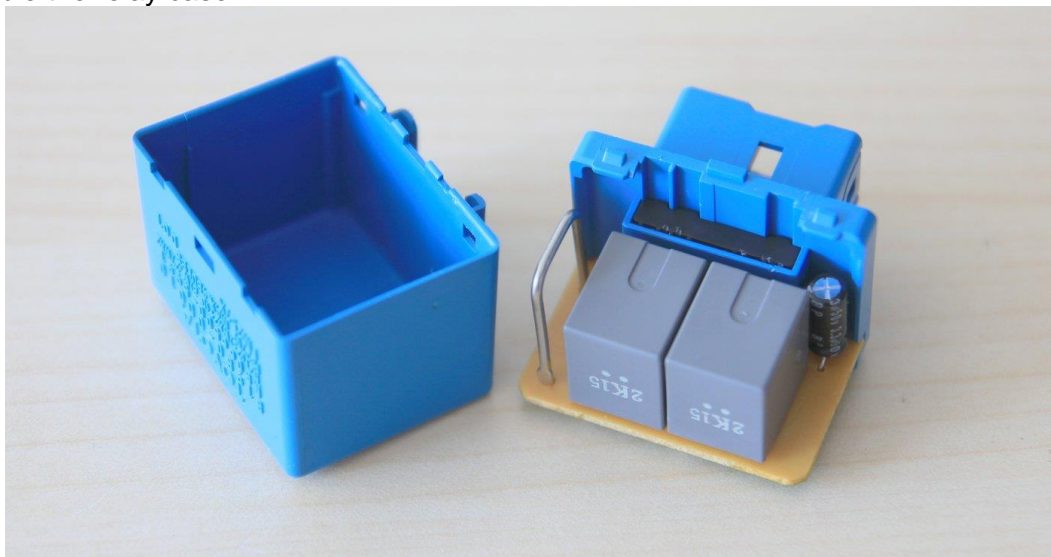
Note the flasher relay is the big unit from the bottom right of the panel:



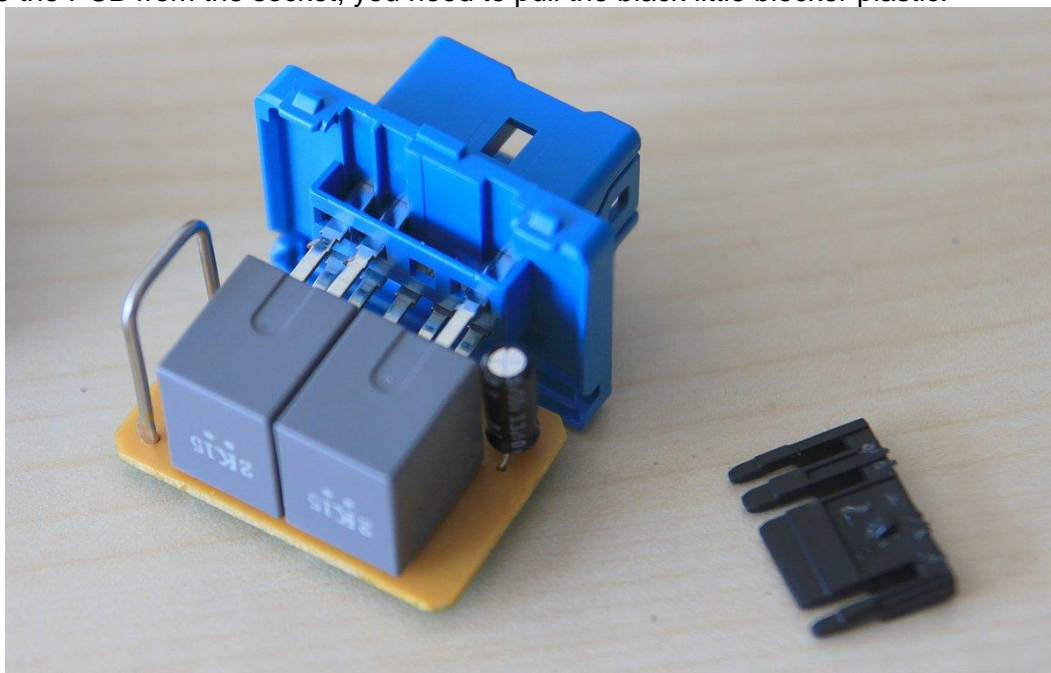
Simply pull the relay towards yourself to remove it. Empty place remaining:



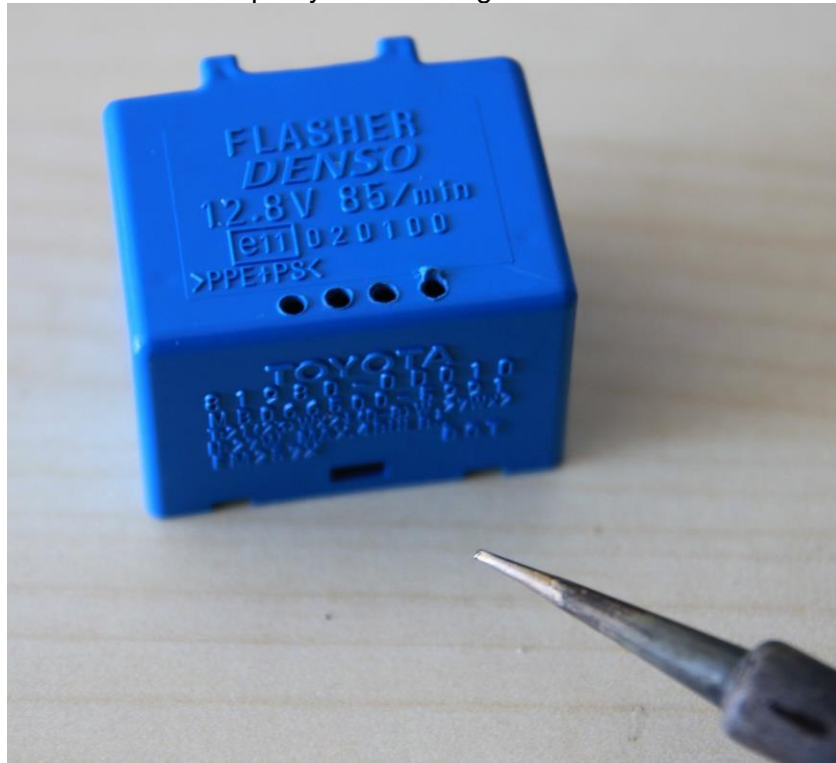
Disassemble the relay case:



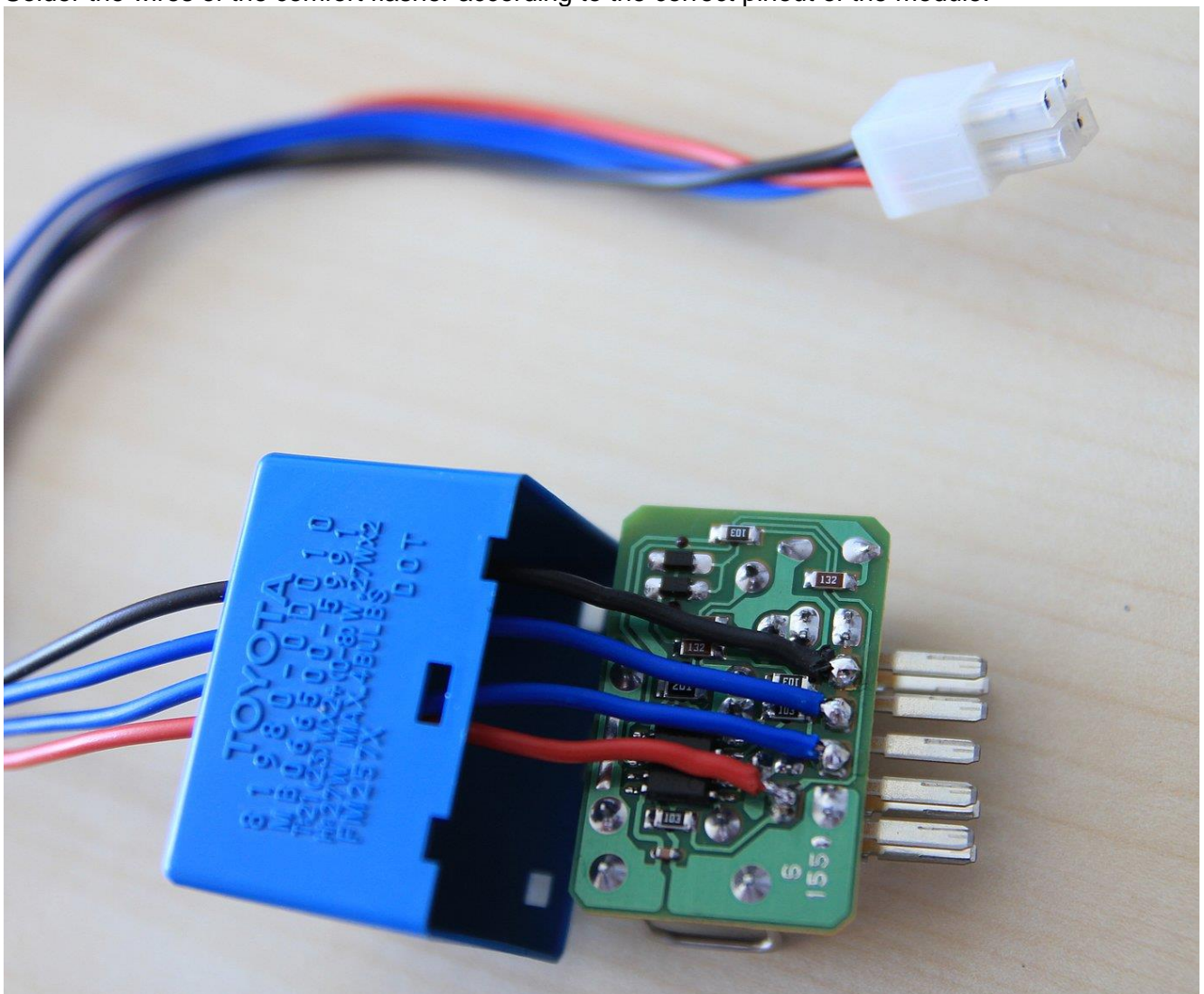
To remove the PCB from the socket, you need to pull the black little blocker plastic:



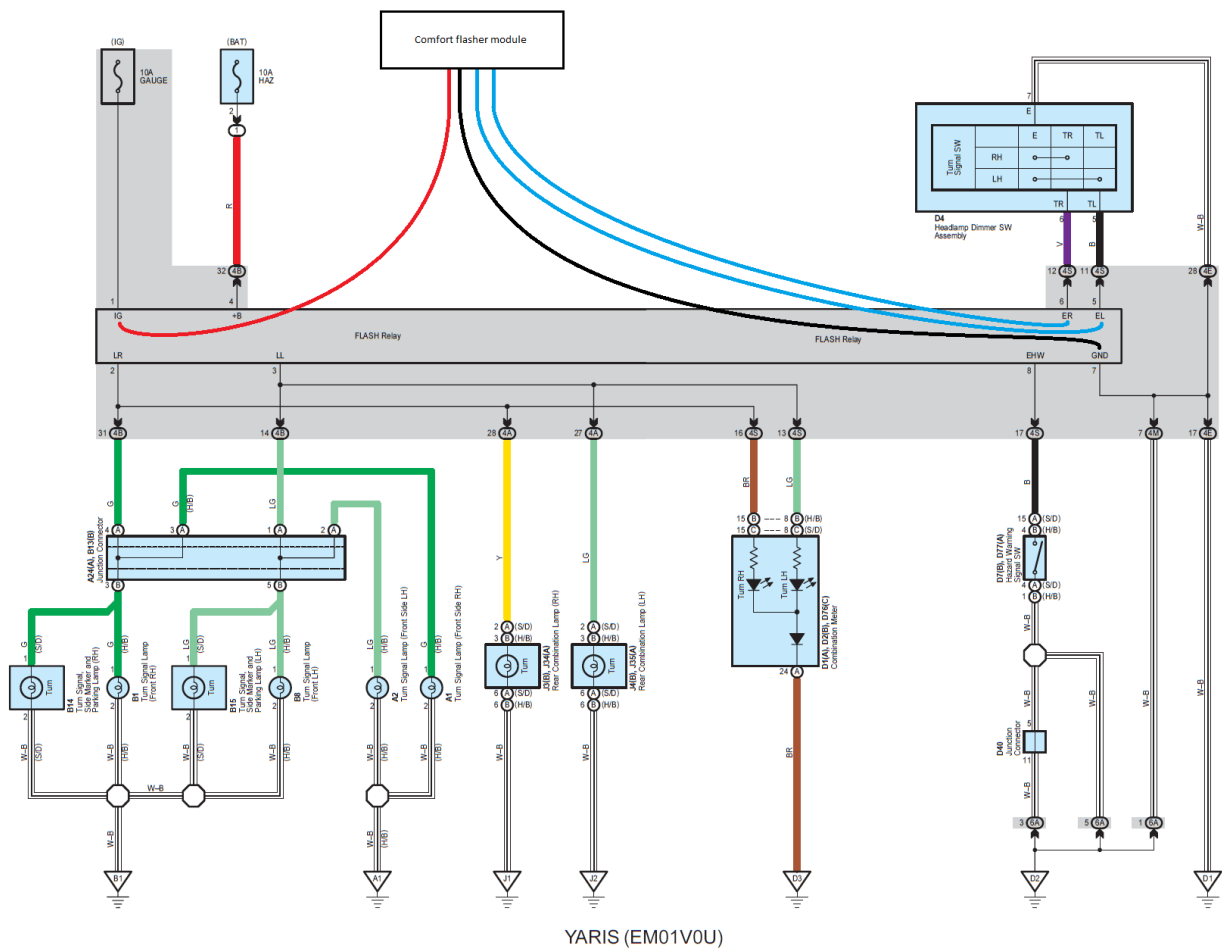
Drill four holes for the wires of the comfort flasher module to the top of the case. The holes must be as close as possible to the side of the box, because they must fit between the inner side of it and the sliding PCB inside. You can use the tip of your soldering iron to make the holes:



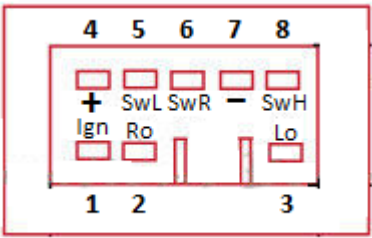
Solder the wires of the comfort flasher according to the correct pinout of the module:



The schematic of the relay with the comfort flasher module:

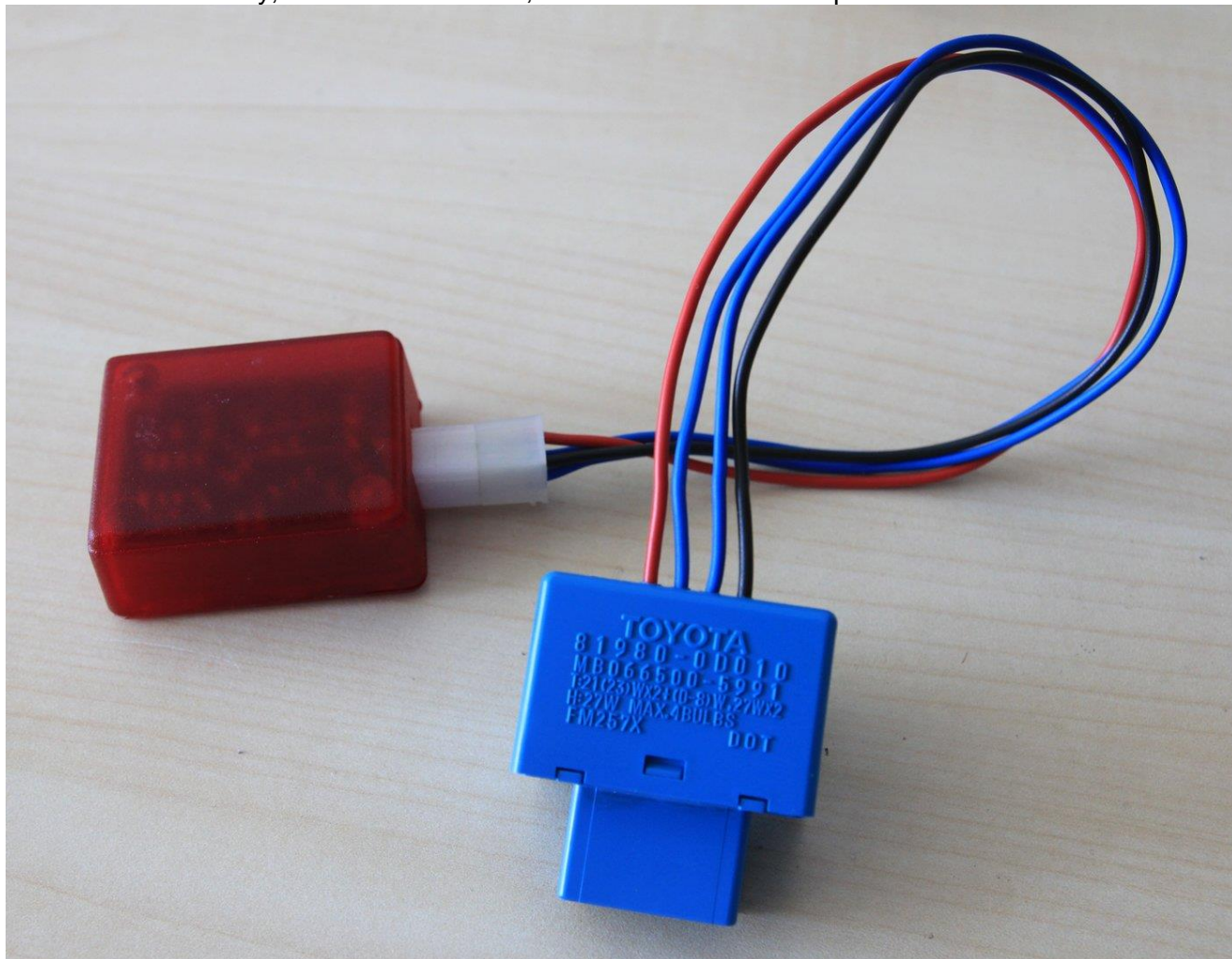


Pinout of the relay:

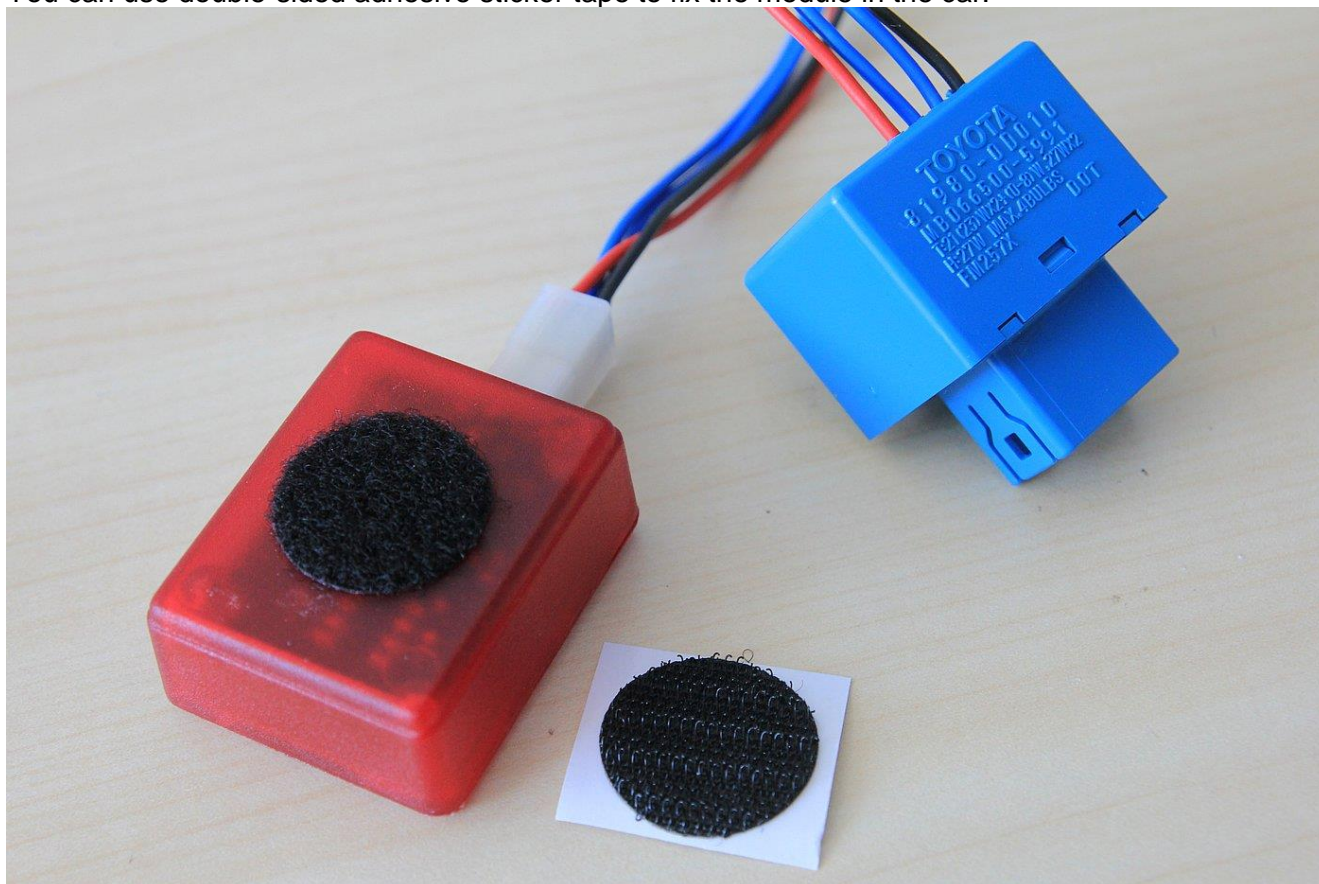


1.	+12V in from Ignition	module red wire
2.	+12V out to the bulbs on the right	
3.	+12V out to the bulbs on the left	
4.	+12V in from the battery	
5.	GND in from the turn signal lever left direction	module blue wire
6.	GND in from the turn signal lever right direction	module blue wire
7.	GND from the chassis	module black wire
8.	GND in from the hazard switch	

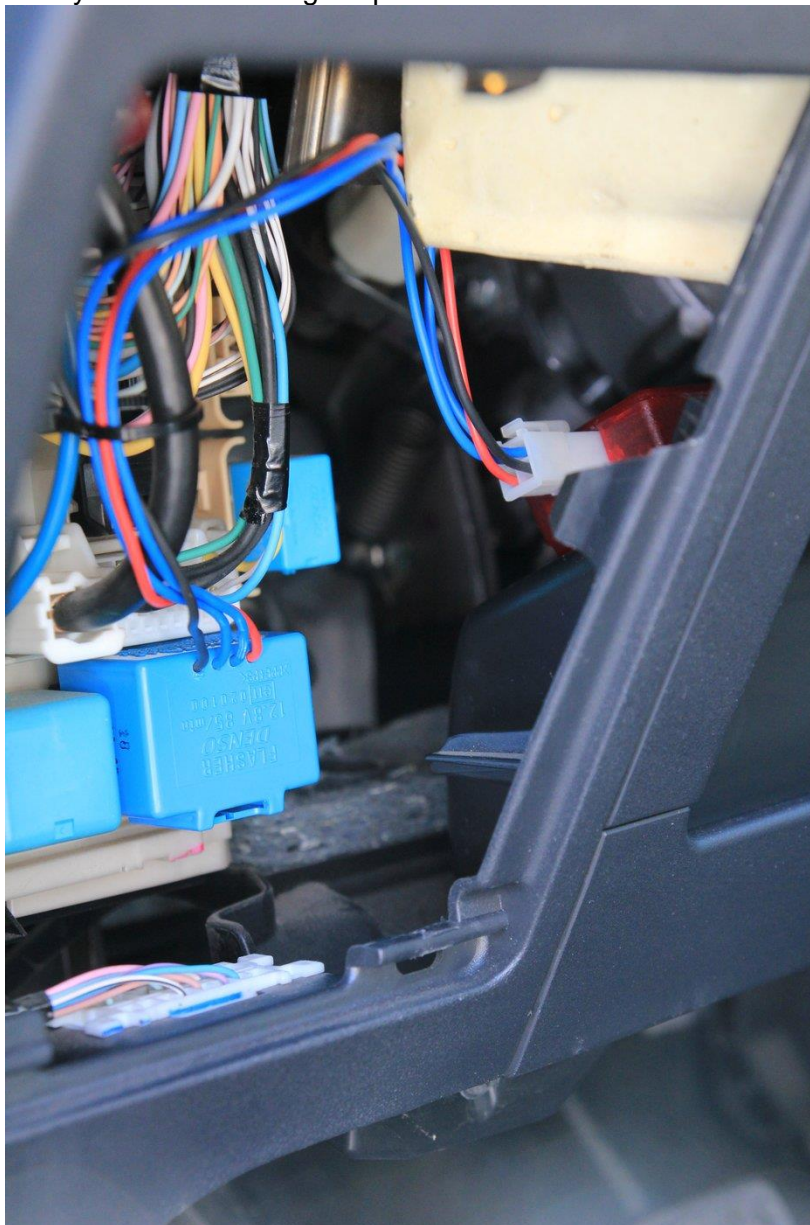
Reassemble the relay, connect the module, and this is how the final product should look like:



You can use double-sided adhesive sticker tape to fix the module in the car:



Re-insert the flasher relay back into the original place:



Attach the module to the top of the plastic board below the steering wheel:



Test and put back the glove box. Congratulations, you're done.