

## Sun Visor Courtesy Light

The Jass Performance Sun Visor Courtesy Lights will replace nicely the sun visors in a Mazda MX5/Miata/Eunos with practical ultra bright interior lights.

The set is designed with the idea to need least effort to be installed. Here are the basic steps of the installation:

### 1. Removing the the sun visors.

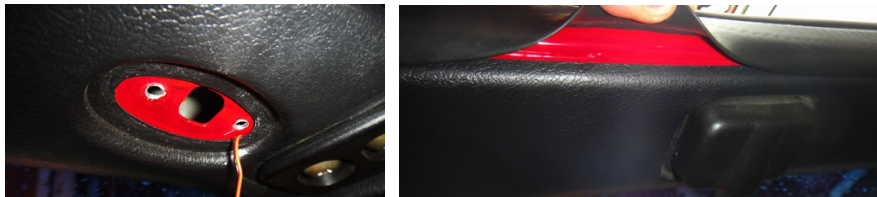
The sun visors are removed by unscrewing the 2 screws holding each of them.

### 2. Routing the cables

The cables are running from the one sun visor hidden behind the top windshield trim to the other side and then down to the footwell/courtesy light. The hard top latches need to be removed, by unscrewing the two screws, using torx spanner.



Having the trim loose on both sides, you can hang the sun visor plugs trough the holes and tap the cable underneath the trim.



You need to guide next the cable to the cockpit. Gently pull the A pillar trim loose or to try to tap the cable behind the seal down to the hole on the side of the cockpit. You will need the cable close to the courtesy light, where it will be connected.

### 3. Power connection

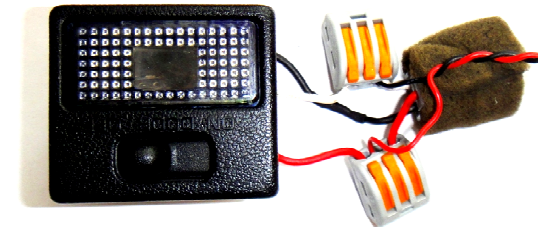
The Sun Visor Lights will connect to power to the courtesy lights in the footwell. Depending on which side you choose working, you will need to remove either the glove box or the trim panel beneath the steering column for easier access. The glove box is removed with the two screws underneath it and it is similar to the steering column trim – two screws at its rear and it clicks at the front. Now you need to take out the courtesy light by flipping it out with a flat screwdriver on the sides. Disconnect it from the connector – this will make the next steps much easier.

You have two options for the power connection – have the lights lit automatically with the doors open or be controlled by the slider of the courtesy light and have the full time ON feature as well.

a.) To make the Sun Visor Lights light with the doors are open, you will need to connect the **black** wire of the Sun Visor Lights to the **white** wire on the courtesy light and the **red** wire on the Sun Visor Light to the **red** wire of the courtesy light.

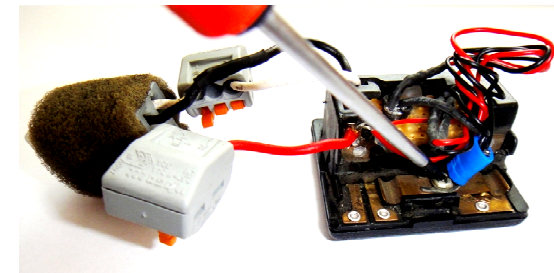
*Sun Visor Light - Courtesy Light*

Black wire - White wire  
Red wire - Red wire



To do this, you need to cut both wires (red and white), isolate 3mm of their ends and use the connectors to reconnect them and plug the third wire from the Sun Visor Light together. The connectors are having the small amber levers that will allow the cable in when lifted and strongly bite it in place when in place down.

b.) To make the sun visor interior lights controlled with the slider, just as the courtesy lights, you should connect the red wire as above to the red wire. The black one of the Sun Visor Light should be now connected to the slider of the courtesy lights - the screw on it can be used for this purpose (shown with the screwdriver on the following photo). In this case you won't need to cut the white wire of the courtesy light.



Connect and test if everything is working fine. Keep in mind to close both doors for the tests, otherwise light will be constantly on.

### 4. Reassembling the trims

After assuring all cables are well tapped behind the trims/seals, reassemble the trims in reversed order. Do not over tighten the Sun Visor Lights when screwing them back in, as the cable might get wrongly caught and torn, squeezed between the trim and metal frame beneath.

If everything installed correctly you should have beautiful Sun Visor Plugs with the added feature of top courtesy light.

Wait until the night falls and enjoy!