

Interior Light Kit Installation Instructions For 1990-2016+ Miata

PART # 903-650

1990-1996 Miata

Tools required:

Phillips screw driver
pliers
side cutters
flash light

- 1) Disconnect the negative battery cable. Locate the factory supplied interior light on the passenger side and slide the switch to off. With the glove box shut and latched, remove the two screws from the hinges at the bottom edge. Open the glove box and remove it from the dash. You will now have some room to work. Figure 1.



- 2) With the glove box removed, reach in behind the light and push it until it pops out of the dash. Disconnect the factory interior light from the car by pushing the button on the connector and then pulling the connector apart. Use the pliers to attach a t-tap to the red wire and another to the white wire. Feed the new interior light harness up behind the dash and connect the red wire to the t-tap on the red wire from the stock light and the black wire to the t-tap on the white wire. Figure 2.

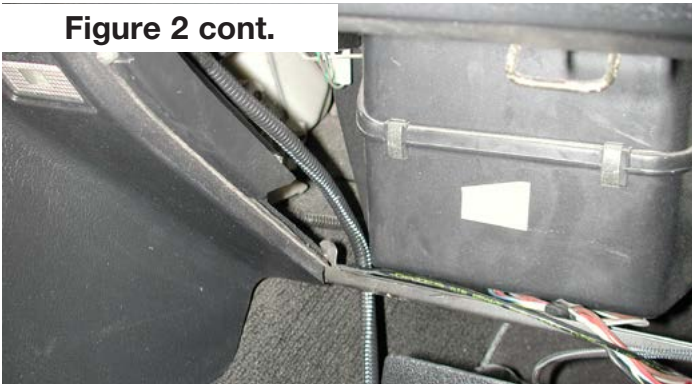


Figure 2



Installation Instructions

Figure 2 cont.



- 3) Reconnect and reinstall the stock interior light. Reinstall the glove box. Separate the two new interior lights at the spade connectors. Take the longer side of the harness (the side without the fuse) to the drivers' side of the car. Feed the spade connector side of the harness behind the dash, through to passengers' side of the car. Reconnect the two sides of the harness. Figure 3.

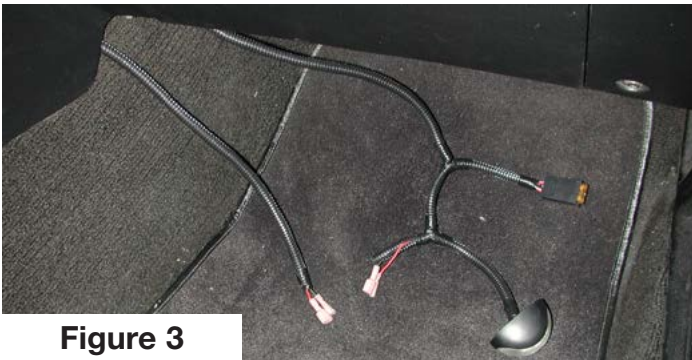


Figure 3

- 4) Next choose a location for each light that will be out of the way for the occupants and will light up the foot wells. Make sure the lights, the fuse and harness will not interfere with the operation of any pedals or the glove box. Firmly secure the lights, the fuse holder and harness to the vehicle using the supplied two sided tape and or the zip ties so that they do not rattle when driving down the road. Use side cutters to trim the zip ties. Figure 4.

Figure 4



Enjoy your new interior lights!

1997-2005 Miata

Tools required:

- Phillips screw driver
- pliers
- side cutters
- flash light

- 1) Disconnect the negative battery cable. Behind the dash, above the hood release, there is a white, two wire connector that may be covered with foam. It has a blue/red wire and a white/red wire protruding from it. Use pliers to attach a t-tap to each of these wires. Connect the red wire from the new interior light harness to the t-tap on the blue/red wire and the black wire to the red/white. Figure 1.

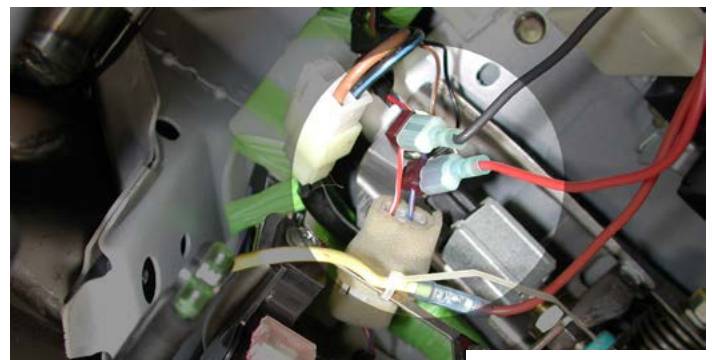


Figure 1



- 2) Separate the two new interior lights at the spade connectors. Take the longer side of the harness (the side without the fuse) to the passengers' side of the car. Feed the spade connector side of the harness behind the dash, through to drivers' side of the car. Reconnect the two sides of the harness. Figure 2.

Figure 2



- 3) Next choose a location for each light that will be out of the way for the occupants and will light up the foot wells. Make sure the lights, the fuse and harness will not interfere with the operation of any pedals or the glove box. Firmly secure the lights, the fuse holder and harness to the vehicle using the supplied two sided tape and or the zip ties so that they do not rattle when driving down the road. Use side cutters to trim the zip ties. Figure 3.

Figure 3



Enjoy your new interior lights!

2006-2015 Miata

Tools required:

Phillips screw driver

- 1) Disconnect the negative battery cable. Pull down on the panel below the steering column to remove it. Use a Phillips screw driver to remove the four screws securing the protective metal cover to the lower dash. Use a Phillips screw driver to remove the three screws securing the two halves of the steering column cover together. Figure 1.

Figure 1



Figure 1 cont.



- 2) Follow the wires from the ignition switch light back to the harness. Using pliers, clamp a t-tap onto each of the wires near the main harness. Plug the red wire from the interior light harness into the blue/red ignition switch light wire. Plug the black wire from the interior light harness into the red ignition light wire. Open and close the door to test the lights. If the lights do not operate with the ignition switch light, check for faulty connections and the fuse. Figure 2.

Installation Instructions

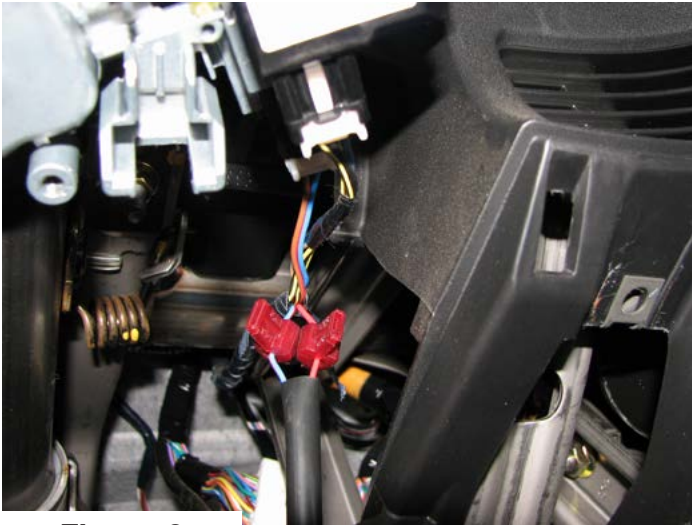


Figure 2



- 3) Reinstall the steering column covers and lower dash covers. Unplug the passengers' side lights from the rest of the interior light harness. Feed the wires from the passenger side foot well behind the dash to the drivers' side foot well. Reconnect the two halves of the interior harness. Figure 3.



Figure 3

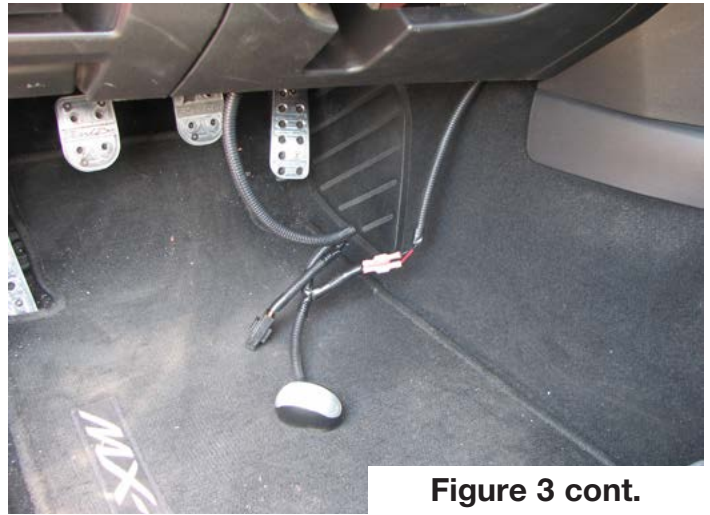


Figure 3 cont.

- 4) Using the supplied two sided tape, and or the self tapping screws to secure the lights under the dash, pointing downward, in your chosen position to illuminate the foot wells. Use the two extra zip ties to secure the fuse and any extra lengths of harness up out of sight.

Enjoy your new interior lights!

2016+ Miata

Tools required:

- Wire coat hanger
- tape
- 10mm combination wrench
- side cutters
- pliers
- small flat screwdriver

- 1) Disconnect the negative battery cable.
- 2) Remove driver's side A-pillar cover by pulling the cover first toward the steering wheel, to pop the two clips free, and then toward the rear of the car to free the bottom from the dash. If there is a speaker in the A-pillar cover disconnect it or remove it from the A-pillar using a flat screw driver.

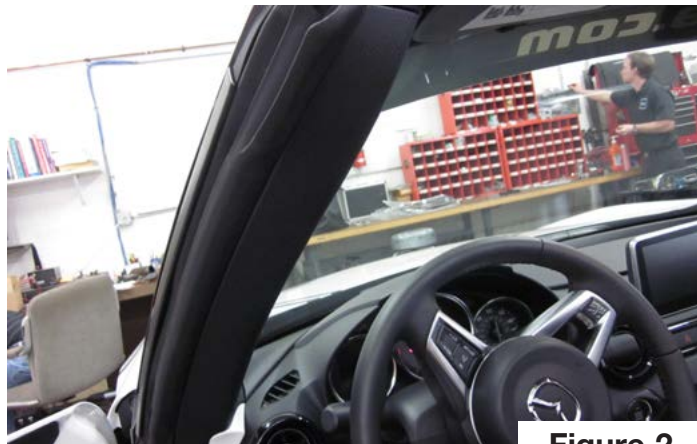


Figure 2



- 3) Straighten a wire coat hanger using pliers. Gently fish the wire hanger from the driver's side foot well up to the A-pillar. Once the hanger can be held from the A-pillar area, tape the Black and Red wires (with male spade terminals on the ends) from the interior light harness to the foot well end of the hanger. Gently pull the hanger and wires up through the dash to the A-pillar area.



Figure 3



Installation Instructions

- 4) About halfway up the A-pillar, unwrap the electrical tape from around the harness. You may also need to cut back a little of the plastic sheathing to give yourself a little more wire access. You will find four (4) wires in this harness. Put a T-tap on the Green wire (12v power) and the Red wire (module controlled ground) using pliers.



Figure 4

- 5) Plug the Red wire from the interior light harness into the T-tap on the Green wire of the car. Plug the Black wire from the interior light harness in the T-tap on the Red wire of the car. Temporarily reconnect the battery and open a door to test the interior lights function. The interior lights should come on when the door is opened and go off several seconds after the door is closed just as the dome light does on "DOOR" mode. Note: the interior lights will always act in this manner regardless of the dome light switch position. The interior light will not function if polarity is reversed on the Red and Black wires. Once you have checked for function, disconnect the battery and reinstall the A-pillar cover.

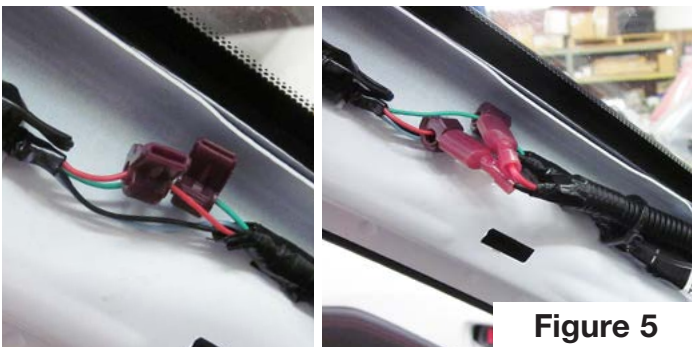


Figure 5

- 6) Find the spade terminals which connect the passenger's side interior light to the rest of the harness and unplug them. Once again use the wire hanger to gently fish from one foot well over to the other. Once the hanger is visible in both foot wells, tape the spade terminals from the passenger's side interior lights to the hanger end in the passenger's foot well. Pull the hanger and wires through to the driver's side. Remove the wires from the hanger and plug them back into the rest of the harness.
- 7) Next choose a location for each light that will be out of the way for the occupants and will light up the foot wells. Make sure the lights, the fuse and harness will not interfere with the operation of any pedals. Firmly secure the lights, the fuse holder and harness to the vehicle using the supplied two sided tape and or the zip ties so that they do not rattle when driving down the road. Use side cutters to trim the cable ties.
- 8) Reconnect the battery and enjoy your interior lights.

903-650 Interior Light Kit Bill of Materials



Item	Quantity
Harness with 2 lights	1
6" zip ties	4
2-sided tape	4"
T-taps	4
Self-tapping screws	4
Instructions	1