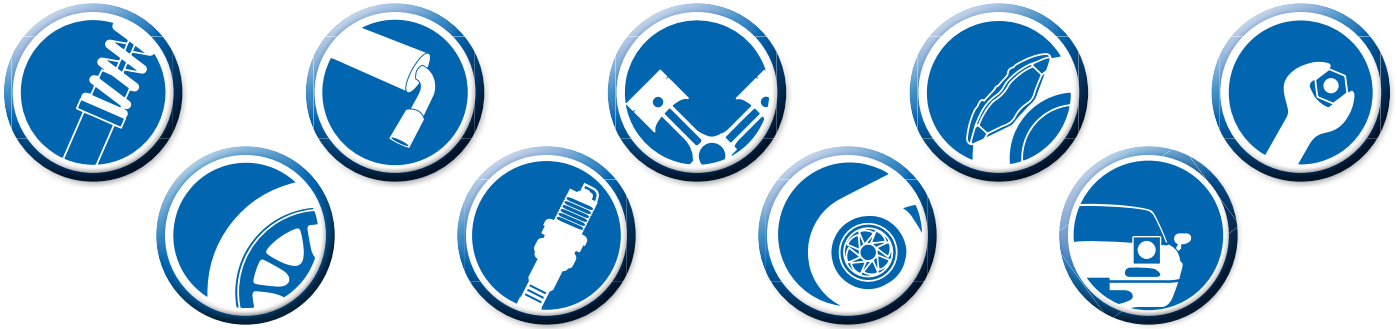


# Flyin' Miata

## INSTALLATION INSTRUCTIONS



### LED VISOR LIGHT KIT 21-20000



Thanks for purchasing our LED visor light kit. This kit provides an attractive way to delete the often useless visors while providing an extra source of LED lighting to brighten up your otherwise dim interior at night. If you have any questions during installation or suggestions for improvement to the product or the instructions - please don't hesitate to call or email.

**WARNING: Not everyone can perform every installation. It is critical that you be honest with yourself in regards to your ability. We're more than happy to help, but there are only so many things we can do from the other end of a phone / computer. If in doubt, discuss the install with us before you dive in. Improper installation could cause injury and / or death!**

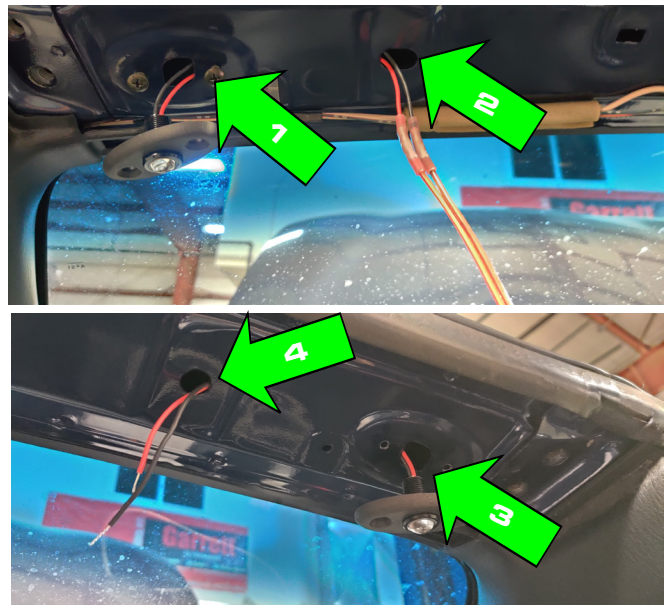
**Required tools:**

- Phillips screw driver
- T40 Torx tool
- Trim panel tools
- Wiring tools (cutters, strippers, crimpers)
- Heat gun

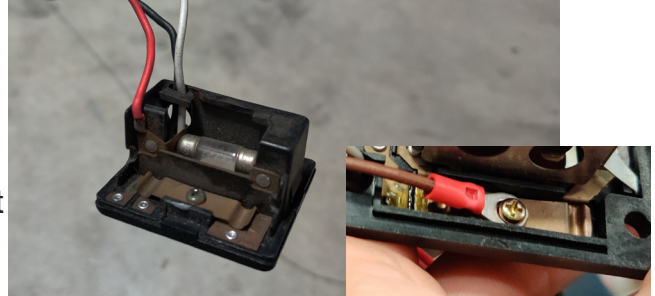
**NOTE: the instructions are separated out based on whether you're attaching to a dash light (mid-'95 and earlier), or a dome light (late-'95 and later). The dash light instructions start directly below and the dome light instructions start on the next page.**

**Installation instructions for cars with dash lights (mid-'95 and earlier):**

1. Remove the visors by removing the two screws on each visor mounting plate. Unlatch the top latches, remove the two Torx bolts on each latch striker plate, and set the striker plates to the side.
2. Pry off the rear view mirror base cover and remove the mirror by removing the two screws.
3. On the passenger side door jamb, pull the weatherstripping off the pinch weld from the bottom of the door jamb to the top of the windshield. Using a trim panel tool, carefully remove the windshield header trim panel and passenger side A-pillar trim panel.
4. Remove the dash light housing located to the left of the glove box to gain access to the wiring. To access the dash light wiring, first remove the glove box by removing the two screws at the hinges, then remove the light from the dash. To remove the light housing, depress the two tabs retaining it and push it out from the dash.
5. Install the LED lights into the visor blanking plates. The LED visor delete plates are able to pass through the windshield header panel holes at an angle.
6. Cut off a 24" length of the provided dual-lead wiring (36-80210). Using the pink butt connectors (36-80100), join one end of the 24" dual-lead wire to the two wires coming out of the new LED lights. Have the red wire join to the red wire and the black wire join to the brown wire.
7. Route the other end of the dual-lead wire through the visor hole on the driver side (1). Feed the wires through until you can see them at the adjacent inboard hole (2) and pull the wires down through the hole.
8. Feed the wire ends of the second LED light assembly through the visor hole on the passenger side (3) and pull the wires down through the adjacent hole inboard (4).



9. Use a 3-way butt connector (36-80101) to connect the two red wires from each LED, as well as the red wire from the remaining dual lead wire. Since they're all being connected, it does not matter which wires go into which side of the connector. Insert two of the red wires into the blue side of the butt connector and the single red wire into the red side of the butt connector. Properly crimp and heat-shrink the connections. Repeat this to connect the brown and black wires.
10. Route the remaining dual-lead wire down the passenger side A-pillar, through the dash until it reaches the dash light wiring. Cut off any excess wire. The red wire from the LEDs needs to be tee'd into the white power wire coming from the dash light using a 3-way butt connector. The brown wire from the LEDs must be connected to the switch plate on the dash light to have the LEDs function in the same way as dash light. Attach the provided small eyelet (36-80045) to the end of the brown wire. Remove the screw from the dash light switch plate. Be careful as the plate, switch, and screw are all small and easy to drop. Reinstall the screw through the small eyelet and back into the switch plate (image shows the eyelet installed on a dome light to demonstrate what it should look like). Installing the screw too tightly can cause the switch to feel stiff.
11. Test the lights. If satisfied with their function, heat-seal all of the butt connectors, if not already done, and reassemble the car. Be very careful not to pinch any of the wires while reinstalling the various panels and lights.



### Installation instructions for cars with dome lights (mid-'95 and later):

1. Remove the visors by removing the two screws on each visor mounting plate. Unlatch the top latches, remove the two Torx bolts on each latch striker plate, and set the striker plates to the side.
2. Pry off the dome light lens and, using a screwdriver, remove the two screws holding the dome light assembly to the windshield header.
3. Remove the windshield header trim panel.
4. Install the LED lights into the visor blanking plates. The LED visor delete plates are able to pass through the windshield header panel holes at an angle.
5. Cut off a 24" length of the provided dual-lead wiring (36-80210). Using the pink butt connectors (36-80100), join one end of the 24" dual-lead wire to the two wires coming out of the new LED lights. Have the red wire connect to the red wire, and the black wire connect to the brown wire.



6. Route the other end of the dual-lead wire through the visor hole on the driver side (1). Feed the wires through until you can see them at the adjacent inboard hole (2) and pull the wires down through the hole.
7. Feed the wire ends of the second LED light assembly through the visor hole on the passenger side (3) and pull the wires down through the adjacent hole inboard (4).
8. Use a 3-way butt connector (36-80101) to connect the two red wires from each LED, as well as the red wire from the remaining dual lead wire. Since they're all being connected, it does not matter which wires go into which side of the connector. Insert two of the red wires into the blue side of the butt connector and the single red wire into the red side of the butt connector. Properly crimp and heat-shrink the connections. Repeat this to connect the brown and black wires.
9. Route the remaining wire over to the dome light harness, leaving enough to work with, and cut off the excess (there will be a lot). The red wire from the LEDs needs to be tee'd into the gray power wire coming from the dome light using a 3-way butt connector. The brown wire from the LEDs must be connected to the switch plate on the dash light to have the LEDs function in the same way as dash light. Attach the provided small eyelet (36-80045) to the end of the brown wire. Remove the screw from the dome light switch plate. Be careful as the plate, switch, and screw are all small and easy to drop. Reinstall the screw through the small eyelet and back into the switch plate. Installing the screw too tightly can cause the switch to feel stiff.
10. Test the lights. If satisfied with their function, heat-seal all of the butt connectors, if not already done, and reassemble the car. Be very careful not to pinch any of the wires while reinstalling the various panels and lights.

