

# CorkSport LED Light Kit

2016+ Mazda MX-5



Brighten up your Miata with a touch of LEDs! The CorkSport LED Light Kit is an all inclusive easy to install LED kit for your interior and exterior accessories. The kit includes the front and rear running lights, trunk, rear license plate, and cabin light.

Give your feedback for the CorkSport LED Light Kit by submitting a review at:

<http://corksport.com/2016-mazda-miata-led-light-kit.html>

## Pre-Installation Notes:



**OEM incandescent light bulbs will be hot immediately after use.** Allow the OEM bulb 1-2 minutes to cool before removal.



**These instructions were written for reference only** and the use of a factory service manual is recommended. Please read these instructions thoroughly prior to starting installation



**These installation instructions were written using a 2016 ND MX-5 Launch Edition.** Other models will be similar.



**LED bulbs are directional.** After installing each LED bulb, please power up the bulb to verify it is working. If not, de-power the bulb and flip it around.

## Materials and Time:



### General Info.

**Part #:** NDM-9-011-10

**Time Est:** 90 Minutes

**Wrench Rating:** 1/5



### Tooling List

Flat Head Screw Driver

#2 Phillips Head Screw Driver

90 Degree Pick Tool

Needle Nose Pliers



### Parts List

1. Two Festoon Quad LED Bulbs

2. Six T10 Triple LED Bulbs

Need Help With Your Installation?

Call (360) 260-CORK

## Order of Operations & Table of Contents



### Installation

Section 1: Cabin Light

Pg. 2

Section 2: Trunk Light

Pg. 3

Section 3: Rear License Plate Lights

Pg. 4

Section 4: Rear Marker Light

Pg. 5

Section 5: Front Marker Light

Pg. 6

## Detailed Instructions

### 1. Cabin Light Replacement

- a) Move the switch to the "OFF" position.
- b) Use the 90 degree pick to remove the lens cover. There is a small indent to pull on where the pick point is located. Pull downward to remove the lens cover. Shown in [Figure 1a](#).
- c) Remove the OEM bulb with the pick.
- d) Install the Festoon LED bulb as shown in [Figure 1b](#).



Figure 1a



Figure 1b

- e) The (-) negative side of the LED bulb should be on the LH side of the vehicle.
- f) Move the switch to the "ON" position to confirm bulb is working.
- g) If not working then remove bulb and rotate 180 degrees.
- h) Reinstall the lens cover.

## Detailed Instructions

### 2. Trunk Light Replacement

- a) Use a pick or flathead screwdriver to pop out the lens. Red arrow in Figure 1a.
- b) Disconnect the entire lens from white electrical connector. Red circle in Figure 1b.



Figure 2a

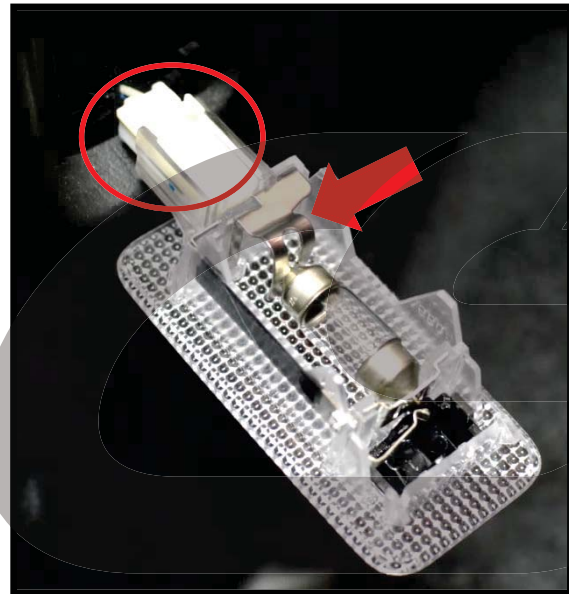


Figure 2b

- c) Remove the OEM bulb and the connector side metal bracket shown with the red arrow in Figure 2b.
- d) Using small needle nose pliers bend the metal bracket as shown in Figures 2c and 2d.



Figure 2c: Before Bending



Figure 2c: After Bending

- e) Reinstall the metal bracket then install the Festoon LED bulb with the (-) terminal towards the connector side.
- f) Reconnect the wire and confirm that the LED works. If not then rotate 180 degrees.



## Detailed Instructions

### 3. Rear License Plate Light Replacement

- a) Follow **Figure 3a – 3c** to remove each side of the license plate light housing from the bumper. Use the pick to pull the loose as **shown in Figure 3b**.
- b) Once the housing is loose from the bumper, rotate the housings counter-clockwise to unlock it from the bulb electrical connect. **As shown in Figure 3d**.
- c) Remove the OEM bulb and install the **T10 LED bulb**. It is a tight fit.
- d) Repeat above steps for other license plate light, then power up the lights to confirm operation. Rotate LED bulbs 180 degrees if not working.
- e) Reinstall the housings onto the bulb connectors and them back into the bumper.



Figure 3a



Figure 3b



Figure 3d



Figure 3c

## Detailed Instructions

### 4. Rear Marker Light Replacement

- a) Locate the rear marker light behind the rear wheel well inner fender.
- b) Rotate the bulb connector counter-clockwise to remove. **Shown in Figure 4a.**
- c) Remove the OEM bulb then install a T10 LED bulb. It is a tight fit.
- d) Repeat the above steps for the other rear marker light.

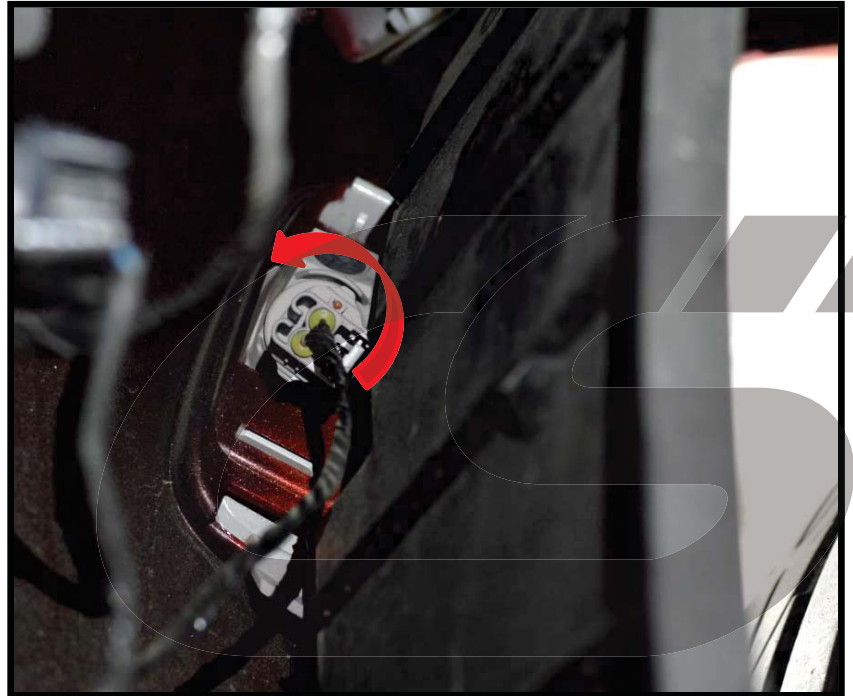


Figure 4a

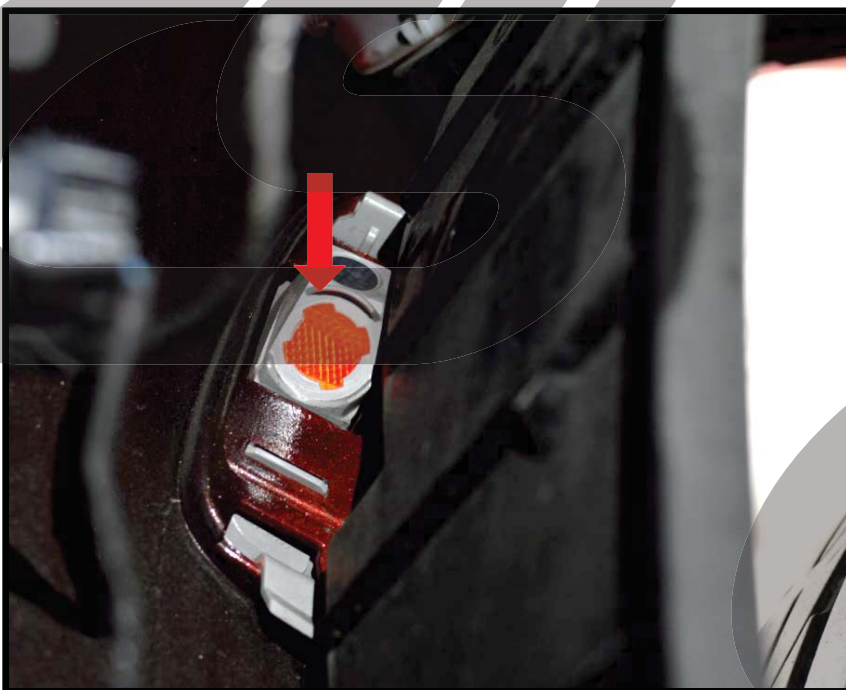


Figure 4b

- e) **Power-Up the lights to verify operation.** If not working then remove bulb and rotate 180 degrees.
- f) **Align the largest tab on the bulb connector with the largest slot in the light housing.** **Shown in Figure 4b.**
- g) **Press the bulb connector into the housings** then rotate clockwise to lock.

## Detailed Instructions

### 5. Front Marker Light Replacement

- a) Using a #2 Phillips screwdriver, remove the four screws circled in blue in Figure 5a.
- b) Using a flathead screwdriver, remove the plastic push clips circled in red shown in Figures 5a & 5b.
- c) Remove inner fender liner.
- d) Locate the front marker bulb connector then rotate counter-clockwise to remove. Figure 5c.
- e) Remove the OEM bulb then install a T10 LED bulb. It is a tight fit.
- f) Power-Up the lights to verify operation. If not working then remove bulb and rotate 180 degrees.
- g) Reinstall the bulb connector and the inner fender liner.
- h) Repeat above steps for the other front marker light.

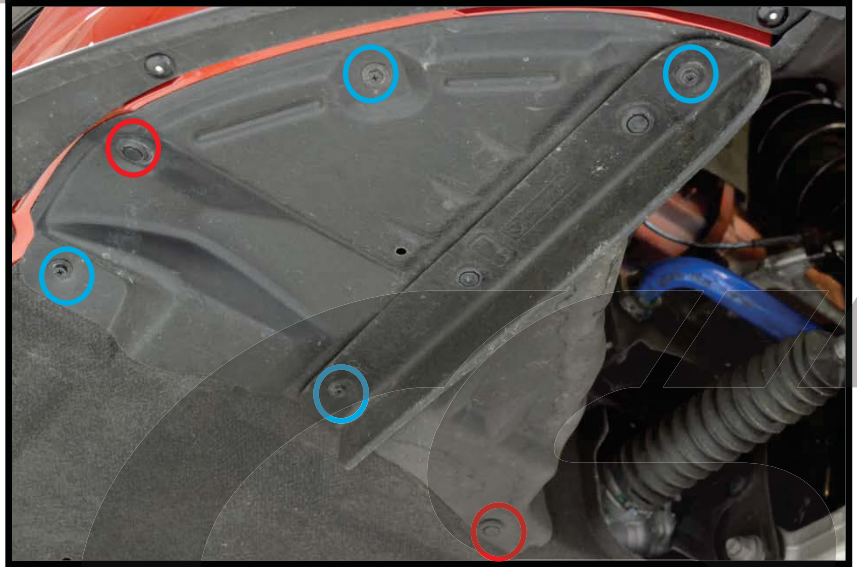


Figure 5a

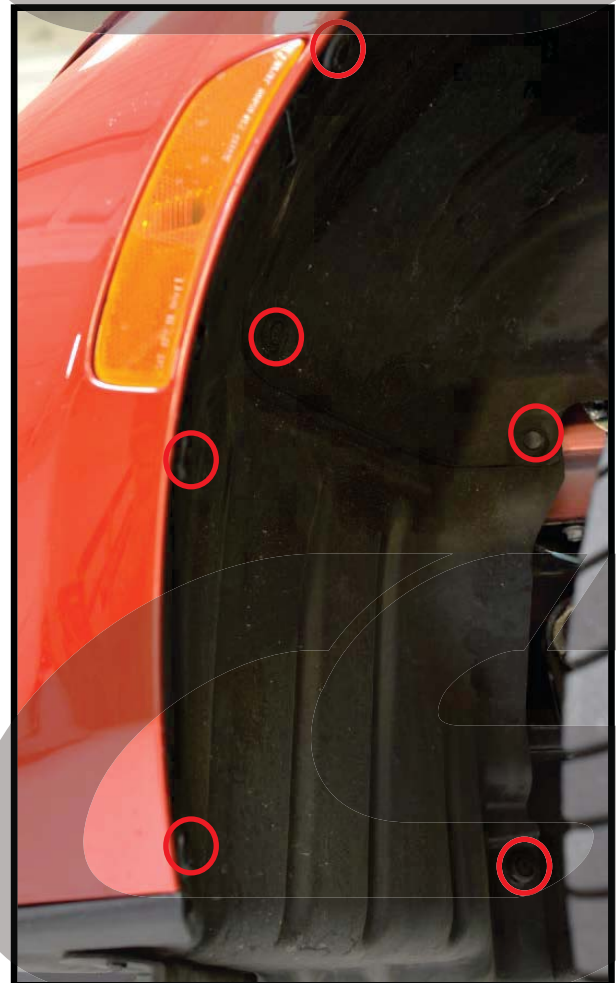


Figure 5b

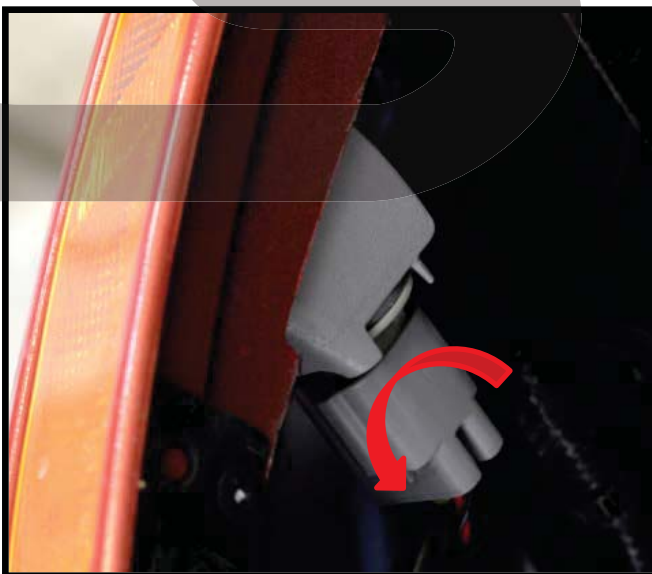


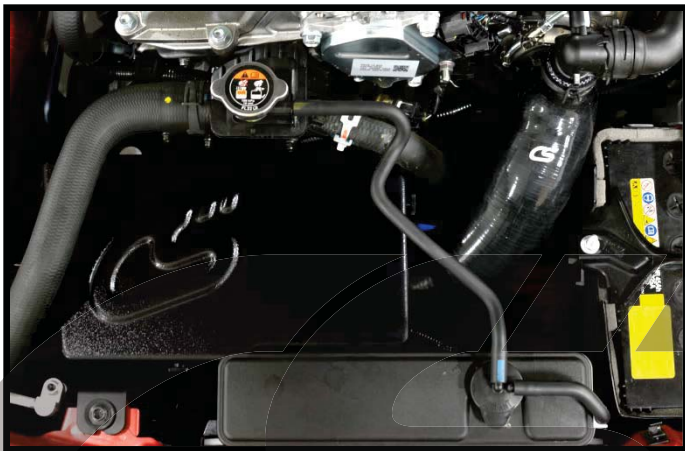
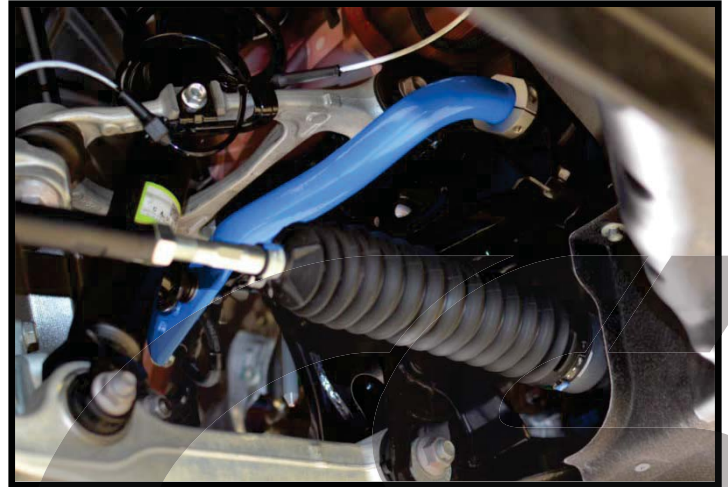
Figure 5c



## What's Next:

### **CORKSPORT Adjustable Swaybars**

Track tested and racer approved, the CorkSport Front and Rear Swaybars are a great compliment to the daily driver and track rat. Get your body roll under control with the CorkSport 3-Way Adjustable Swaybars.



### **CorkSport Cold Air Intake System**

Reduce intake flow restrictions and maintain cold intake air temperatures with the CorkSport Cold Air Intake. The CorkSport CAI utilized a high flow dry element filter, billet aluminum MAF and custom designed cold air box to give you a clean high flowing intake system.

This awesome CorkSport product is still in development; look for it in the near future!

### **CorkSport Lowering Springs**

Track tested and racer approved, the CorkSport Lowering Springs are a perfect match for your daily driven MX-5. The CorkSport Lowering Springs give the MX-5 an aggressive look without sacrificing functionality or ride quality.

