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## CorkSport LED Light Kit 2004-08 Mazda Rx8

www.CorkSport.com



**NOTE:** 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.



**NOTE:** These installation instructions are for use with a 2004-2008 Rx8. If you have a different model or year, please contact us.





Part Number: Rx8-9-012	Model Mazda Rx8	Year 2004-2008	Trim All
Time Estimate: 30-45 min			
Wrench Rating: 2/5			
<b>TOOLING LIST:</b> Skinny flathead screwdriver Phillips head screwdriver	<b>PARTS LIST:</b> 9 x T10 Wedge Style Directional Bulb (3 LED lights per bulb) 2 x 28mm Festoon Style Directional Bulbs (2 LED lights per bulb) 1 x 31mm Festoon Style Directional Bulb (4 LED lights per bulb)		

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# Installation Instructions: Corksport LED Light Kit

## How the Instructions Work for 2004-08 Mazda Rx-8

To best cover all of our customers experience levels and familiarity with the systems on their Mazda, we have broken our instructions down into numbered steps, each of which has the core information in the header with additional detail as needed depending on your experience. If you have a high level of experience, you can just use the checklist below and then skip to the step number where you need help or assistance. Video assistance may also be available for certain steps and is indicated by the HD icon:  Areas where there is a safety concern are indicated by the warning icon:  Cautionary areas (where parts are fragile, etc) are indicated by the caution icon:  Key tips are indicated with the light bulb icon: 

### Overview/Checklist:

This is an overview of each of the steps of the build. You can use this as a reference and a checklist as you button up the work on the car.

#### 1. Installing the CorkSport Interior LED Lights

- 1a) Remove phillips head screws (2) and pull out dome light assembly.
- 1b) Remove the stock bulbs and replace with two (2) T10 wedge LED bulbs.
- 1c) Reinstall assembly and both phillips screws using the phillips screwdriver.
- 1d) Remove the clear dome light housing on the overhead dome light.
- 1e) Remove the stock bulb and replace with one (1) 31mm LED Festoon.
- 1f) Reinstall the clear plastic cover.
- 1g) Open the driver and passenger vanity mirrors & remove the two light covers. Replace the two (2) lights with 28mm Festoon LED bulbs. Reinstall covers.
- 1h) Open the glove box and locate the stock bulb. Remove the bulb from the housing. Replace the stock bulb with one (1) T10 LED wedge bulb. Reinstall the bulb and close the glove box.


 Note: you do not need to remove the clear plastic cover.

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# Installation Instructions:

## Corksport LED Light Kit for 2004-08 Mazda Rx-8

### 1. Installing the Interior Corksport LED Lights - Continued

- 1i) Remove the driver's door light cover. Remove the stock bulb and replace with one (1) T10 wedge LED light. Reinstall cover and repeat for passenger side.
-  Note: Be very careful not to push the bulb in too hard or you will push the entire housing inside the door panel.
- 1j) Remove the trunk light housing. Remove the stock bulb and replace with one (1) T10 LED wedge bulb.

### 2. Installing the Exterior Corksport LED Lights

- 2a) Remove the clear license plate light cover.
- 2b) Remove the stock bulb and replace with one (1) T10 LED wedge bulb. Reinstall the clear housing.
-  Note: Smaller hands are ideal for the rest of the install if possible.
- 2c) Remove the driver's side day-time running light.
- 2d) Replace the stock bulb with one (1) T10 wedge LED bulb.
- 2e) Reinstall the day-time running light back into the headlight assembly.
- 2f) Repeat steps c-e for the passenger side light.
-  Note: If you are having trouble accessing the passenger side light, you may want to remove the ECU module cover to gain better access to the bulb.
- 2g) Enjoy!



# Installation Instructions: CorkSport LED Light Kit for 2004-08 Mazda Rx-8

## 1: Installing the Interior CorkSport LED Lights

Note: LED bulbs will only work when installed in one direction. Test each bulb in socket during installation. If it does not work, simply remove it, turn it around, and reinstall it.

A) Remove the 2 phillips head screws under the sunglass holder (Figure 1A) and remove the entire dome light assembly by pulling down. The back of the assembly will look like Figure 1B.



Figure 1A



Figure 1B

B) Remove the 2 bulbs by twisting the black housing (circled in red in Figure 1B) counter-clockwise. Replace both (2) stock bulbs with two (2) T10 wedge LED lights as shown in Figure 1C below.



Figure 1C

C) Reinstall dome light assembly and reinstall both phillips screws (shown in Figure 1D below).



Figure 1D

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# Installation Instructions: CorkSport LED Light Kit for 2004-08 Mazda Rx-8

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## 1: Continued - Installing the Interior CorkSport LED Lights

D) Remove clear plastic cover on overhead dome light by prying lightly down on the clear cover in the location shown in **Figure 2A** below. The cover will then pop out.

E) Remove the stock bulb and replace with one (1) 31mm LED Festoon as shown in **Figure 2B**.

F) Reinstall the clear plastic cover as shown in **Figure 2A**.



Figure 2A



Figure 2B

G) Open the visor vanity mirror and pull off the two (2) plastic light covers using the small flat head screwdriver (1 on each visor). Remove both stock bulbs and replace them with two (2) 28mm Festoon LED bulbs. Then reinstall the two (2) plastic light covers. The exposed vanity light is shown in **Figure 3** to the right.



Figure 3

H) Open the glove box and locate the stock bulb (It will look like **Figure 4A** below.) Remove the bulb with wiring as shown in **Figure 4B**). Remove the stock bulb and replace it with one (1) T10 wedge LED bulb. Reinstall the bulb and wiring. Close the glove box.



Figure 4A

Note: You do not need to remove the clear plastic cover over the light. Simply pull out the light from the back of the housing and replace the bulb.



Figure 4B

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# Installation Instructions: CorkSport LED Light Kit for 2004-08 Mazda Rx-8

## 1: Continued - Installing the Interior CorkSport LED Lights

I) Locate the driver's door light located on the bottom edge of the door. Carefully pry off the cover using the small flat head screwdriver. Replace the stock bulb with one (1) T10 wedge LED light (shown in **Figure 5** below). Reinstall light cover and repeat on passenger door light.

**Note:** Be very careful not to push the bulb housing inside the door panel when installing the new LED bulb. The clips may come undone that hold the bulb housing in place. This may require you to take off the door panel.

Use caution!



Figure 5

J) Remove trunk light housing from trunk lid by squeezing the two longer sides of the the housing and gently pulling down. Replace the stock bulb with one (1) T10 wedge LED light (shown in **Figure 6A & 6B**). Reinstall the light housing.



Figure 6A



Figure 6B

# Installation Instructions: CorkSport LED Light Kit for 2004-08 Mazda Rx-8

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## 2: Installing the Exterior CorkSport LED Lights

A) Remove the clear license plate light housing using the small phillips screwdriver to unclip the 3 clips in the housing (shown in **Figure 7A**).



**Figure 7A**

B) Remove the stock bulb and replace with one (1) T10 wedge LED light (shown in **Figure 7B**). Reinstall clear housing by pressing it back into the 3 clips (shown in the red circles in **Figure 7A**).



**Figure 7B**

 Note: Smaller hands are ideal for the rest of the steps as you need to get into tight quarters to remove the day-time running lights.

C) Remove the driver's side day-time running light by twisting the white plastic housing counter-clockwise and pulling out (shown by red circle in **Figure 8A**).



**Figure 8A**


D) Replace the stock bulb with one (1) T10 wedge LED light as shown in **Figure 8B**.

E) Reinstall the day-time running light back into the driver's side headlight housing.



**Figure 8B**

F) Repeat steps C-E for the passenger side light.

 Note: If you are having trouble accessing the passenger side day-time running light, you may want to remove the ECU module cover. This will give you more room to access the bulb.

G) Enjoy!

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