

Part # GEN-8-950-10



CorkSport Headlight Leveling Link



Thank you for purchasing the CorkSport Headlight Leveling Link for your Mazda. Modern Mazdas come with many adaptive technologies, one being self-leveling headlights. This technology allows the headlights to remain level regardless of the vehicles pitch. When lowered however, the car interprets this change in suspension geometry and adjust the headlights, often aiming them straight into the ground. CorkSport's Headlight Leveling Link allows you to adjust the headlights back to their original orientation regardless of how low your car sits. Please let us know your feedback by submitting a review today at:

<http://corksport.com/mazda-head-light-level-adjuster.html>

Pre-Installation Notes:



Make sure your vehicle is on a level surface and supported by jack stands (not a hydraulic jack) prior to starting installation. Refer to service manual for lifting and jack stand locations.



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.



How our instructions work: To best cover all of our customers experience levels, we have included a table of contents/order of operations along with step-by-step instructions.



These installation instructions were written using a 2016+ Miata and 2014+ Mazda 6. Other models and years will be similar.

Materials and Time:



General Info.

Part #: GEN-8-950 -10

Time Est: 20 min

Wrench Rating: 1/5



Tooling List

3/8" Ratchet

10mm Socket

10mm Wrench



Parts List

One (1) Headlight Leveling Link

Need Help With Your Installation?
Call (360) 260-CORK

Order of Operations & Table of Contents



Removal (2016+ Miata)

Section 1: Removing OEM Headlight Leveling Link

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Installation (2016+ Miata)

Section 2: Installing the CorkSport Headlight Leveling Link

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Removal (2014+ Mazda 3& 6, 2013+ CX5)

Section 3: Loosening Lower Control Arm Bolts

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Installation (2014+ Mazda 3& 6, 2013+ CX5)

Section 4: Loosening Lower Control Arm Bolts

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Adjusting

Section 5: Adjusting the CorkSport Headlight Leveling Link

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Detailed Instructions

 These installation instructions were written using a 2016 Mazda Miata.

1. Removal (2016+ Miata)

- a) Remove the OEM Headlight Leveling Link using a 10mm open-ended wrench and socket to remove the nuts shown with the red circles in Figures 1a & 1b.

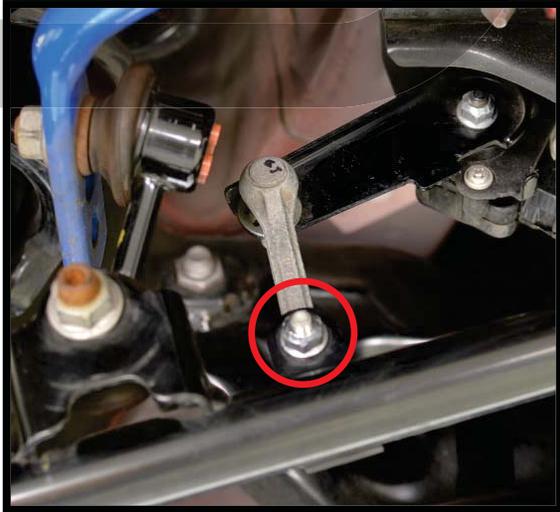


Figure 1a



Figure 1b

2. Installation (2016+ Miata)

- a) Install the CorkSport Headlight Leveling Link with the slider facing downward. Torque the nuts (shown with the red circles in Figures 2a & 2b) to 4-6 ft-lbs.



Figure 2a

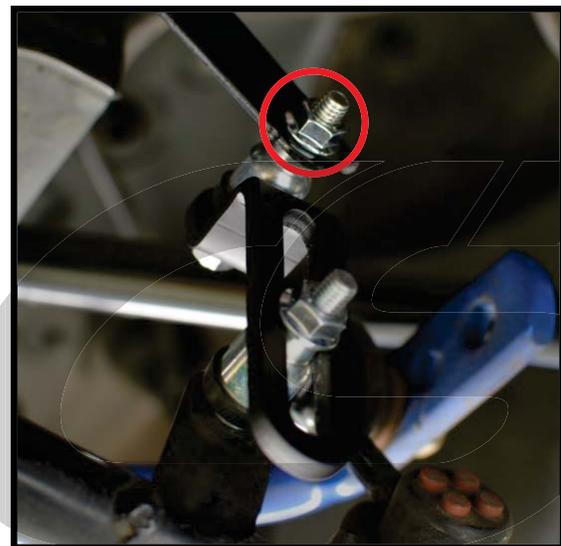


Figure 2b

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Detailed Instructions

 These installation instructions were written using a 2014 Mazda 6.

3. Removal (2013+ Mazda CX5, 2014+ Mazda 3 & 6)

- a) Remove the OEM Headlight Leveling Link using a 10mm open-ended wrench and socket to remove the nuts shown with the red circles in Figure 3a.

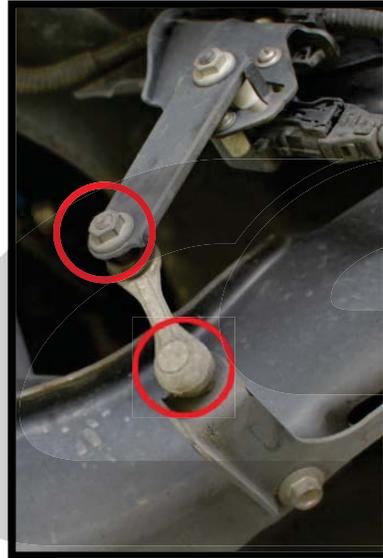


Figure 3a

4. Installation (2013+ Mazda CX5, 2014+ Mazda 3 & 6)

- a) Install the CorkSport Headlight Leveling Link with the slider facing downward. Torque the nuts (shown with the red circles in Figure 4a & 4b) to 4-6 ft-lbs.



Figure 4a



Figure 4b

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Detailed Instructions

5. Adjusting the CorkSport Headlight Leveling Link

- a) If possible it is best to do the adjustments at night to clearly see the direction of the headlights.
- b) Position the vehicle on a level surface with the headlights powered in a clear and open direction.
- c) Turn off the vehicle as you will be working close to the exhaust muffler during adjustment.
- d) Adjust the link to be slightly shorter than the OEM link, then check the headlight position.
- e) Make adjustment up/down following the diagram below until you are satisfied with the headlight position and distance.
- f) Be sure to check both hi & low beams.



Increasing Link Length:
Points the Headlights
Downward

Decreasing Link Length:
Points the Headlights
Upward

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