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 vehicle's 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
Part # GEN-8-950-10

Order of Operations & Table of Contents

- **Removal (2016+ Miata)**
  - Section 1: Removing OEM Headlight Leveling Link Pg. 2

- **Installation (2016+ Miata)**
  - Section 2: Installing the CorkSport Headlight Leveling Link Pg. 2

  - Section 3: Loosening Lower Control Arm Bolts Pg. 3

- **Installation (2014+ Mazda 3& 6, 2013+ CX5)**
  - Section 4: Loosening Lower Control Arm Bolts Pg. 3

- **Adjusting**
  - Section 5: Adjusting the CorkSport Headlight Leveling Link Pg. 4

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

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.
Detailed Instructions

These installation instructions were written using a 2014 Mazda 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.


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.
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

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