

CorkSport Performance

AXM-8-060 Rear Bumper LED Lights

Rear Bumper Lights for 2014-2018 Mazda3 Sedan, Hatchback, and 2014-2017 Mazda6

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Step 1 — Getting Started



- First and foremost; THANK YOU for becoming a part of the CorkSport Family. We hope to bring you the highest level of Parts, Customer Service, & Support
- ⓘ How To Use These Instructions
 - The instruction format will relate colored marking in the image to the color dot in the text to the right of the image

Step 2 — Lift and Secure the Rear-end of the Vehicle

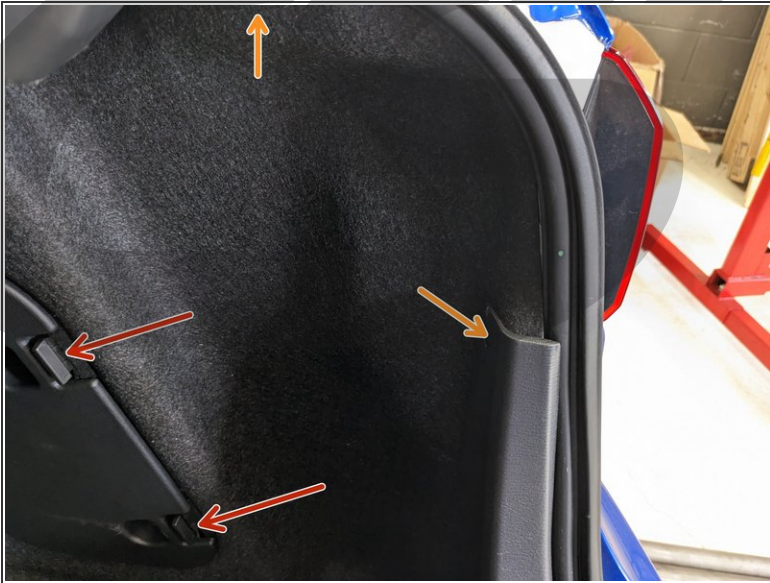


- Lift and Secure the rear of the vehicle to gain access to the inside area of the Rear Bumper
- ⓘ This can be done by simply driving the car onto ramps or lifting the rear and securing it on jack stands
- ⚠ Be sure to reference your owners manual for jack points and the jack manufacturer's instructions for proper practices

Step 3 — Choose your Vehicle



- For **Mazda3 Sedan** installation, continue to the next step in this guide
 - ⓘ Mazda2/Toyota iA and Mazda5 installation is unconfirmed
- For **Mazda3 Hatchback** installation, skip to Step 8
 - ⓘ The vehicle shown in this Installation guide is equipped with an aftermarket rear bumper. OEM bumper fitment will be identical
- For **Mazda6** Installation, skip to step 16

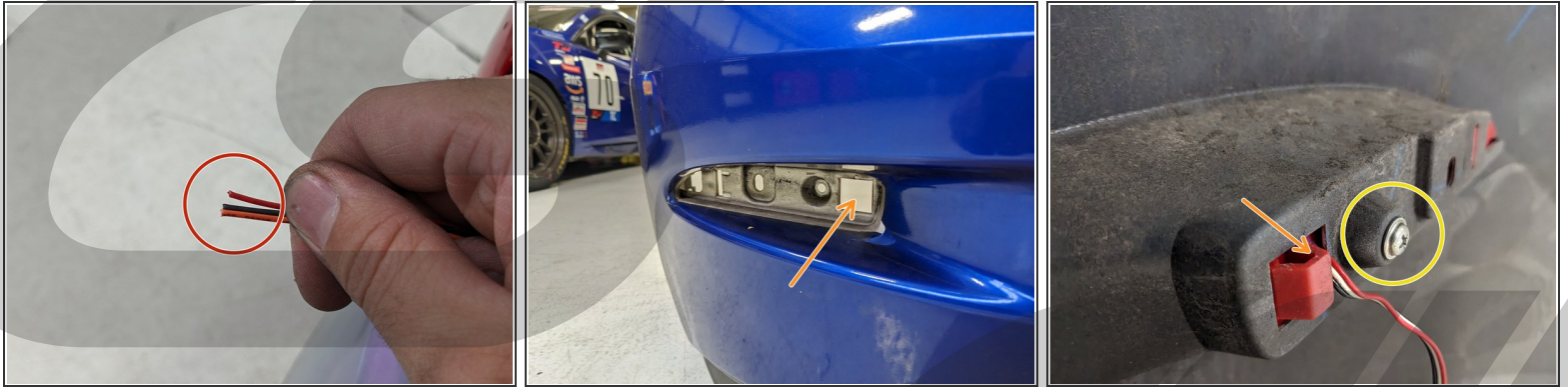
Step 4 — Mazda3 Sedan - Disassemble Trunk Lining

- Push on the tabs securing the Jack Cover, then remove it from the vehicle
- With a flathead screwdriver or a Straight Pick, remove the plastic push clips securing the Trunk Liner to the Hard Plastic of the Rear Panel and the side of the Chassis
- Peel the Trunk liner around the Hard Plastic panel to gain access to the Taillight Connectors shown
 - Repeat for the other side

Step 5 — Remove OEM Reflectors



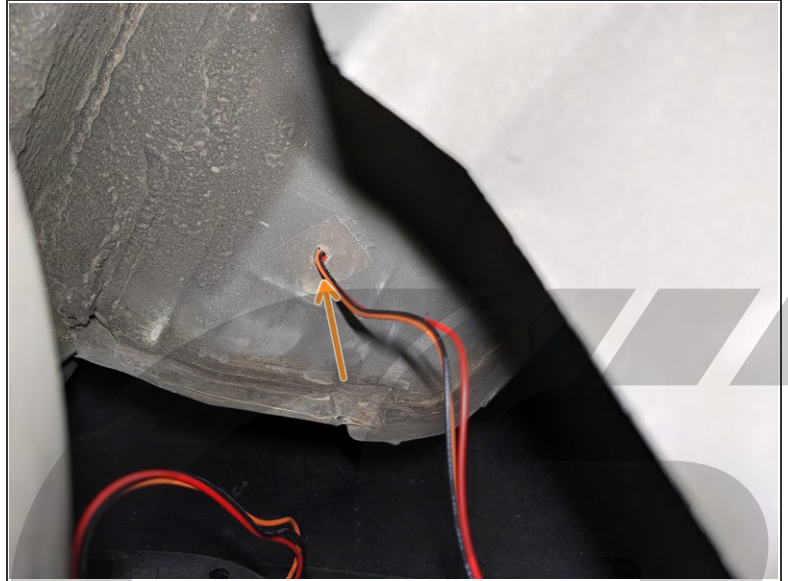
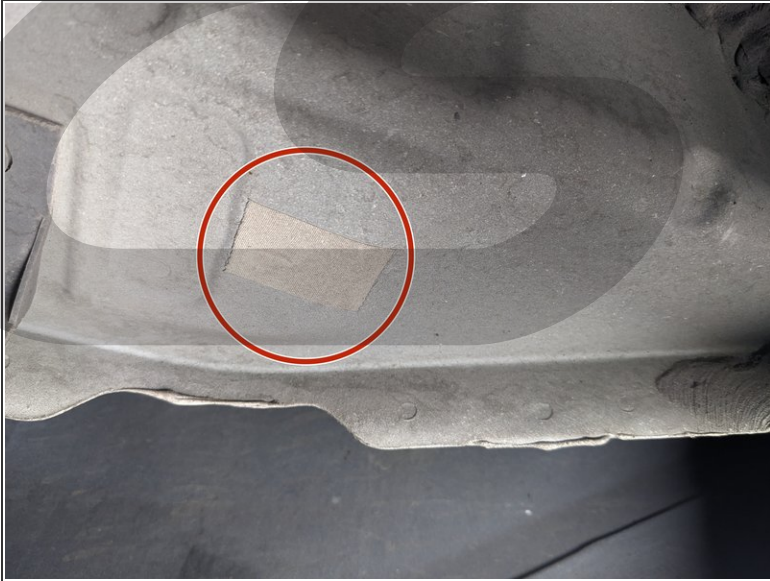
- Underneath the vehicle, locate the backside of the OEM reflectors
 - With a small Phillips Head screwdriver or a screwdriver bit attached to a Ratchet, remove the screw fastening the Reflector to the bumper
 - With a pair of Channel Lock pliers, squeeze the locking tab securing the Reflector to the bumper
 - Push outward to remove the Reflector from the bumper
 - Repeat for both sides
- i** 3rd image shown is of the bumper removed from the vehicle. Complete removal of the bumper is unnecessary for installation

Step 6 — Install the CorkSport LED Reflector - Part 1

- Cut the ends of the CorkSport LED wires to the same length with no exposed wiring
- Install the CorkSport LED lights into the OEM position and ensure the wires are routed as shown
- Secure the LED Reflector with the same OEM Phillips Head screw

 **Do not overtighten**

Step 7 — Install the CorkSport LED Reflector - Part 2



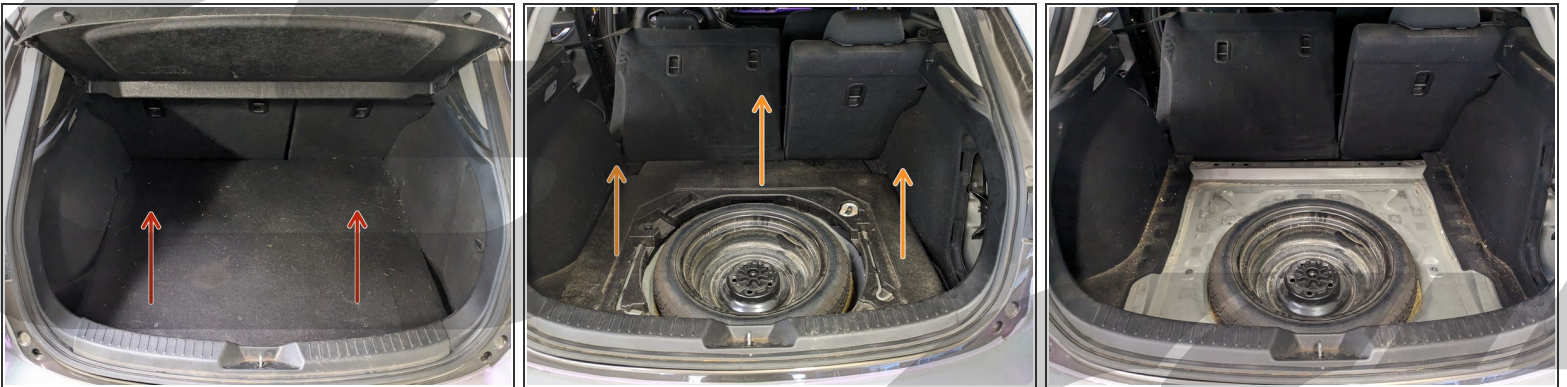
- On the Chassis by the Reflector location, find the small strip of tape, then puncture a small hole through it
- Route the wires from the LED lights through the hole and into the trunk area.
- Pull the wiring through the top end until there is a minimal amount of slack
- **⚠ DO NOT pull the wiring taught to avoid damage to the wires**
- Skip to step 25

Step 8 — Mazda3 Hatchback - remove the Trunk Lining Part 1



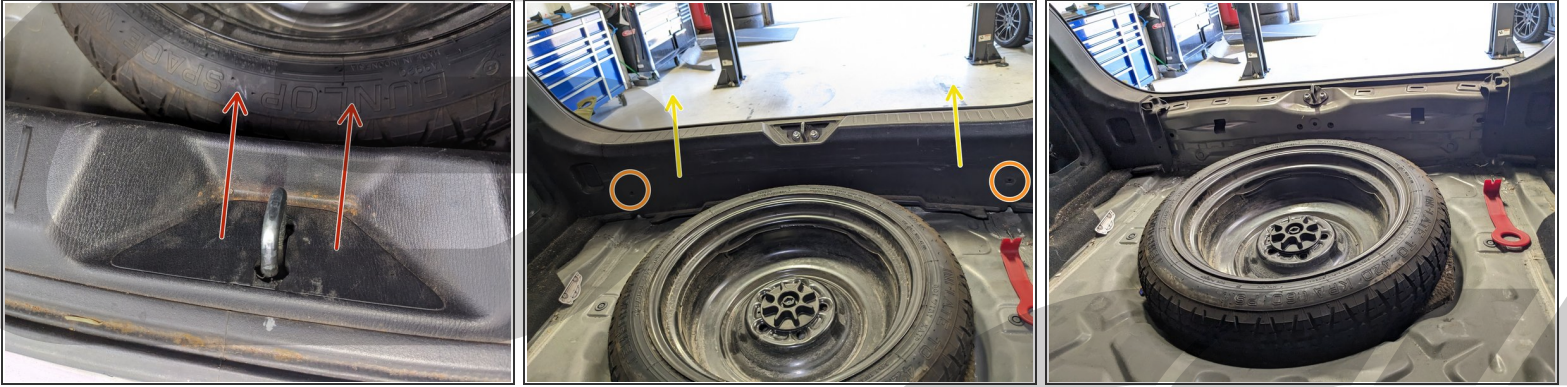
- i Remove all belongings from the Trunk of the Vehicle. The floor cover will be removed in the installation process
- On the Right-side of the vehicle, remove the Jack Cover Panel by twisting the knob, then remove the panel from the vehicle
- On the Left-side of the vehicle, remove the cover shown by pulling downward, releasing the tabs from the Carpet Lining

Step 9 — Remove the Trunk Liner - Part 2



- Remove the Floor Cover by simply pulling up and remove it from the vehicle
- Remove the Styrofoam Tool Holder from the vehicle

Step 10 — Remove the Trunk Liner - Part 3



- Remove the Trunk Latch cover by inserting a Panel Removal Tool (or flathead screwdriver) into the gap and pry away from the latch
- Remove the two Plastic Push Clips from the Rearmost trim piece
- Pull upwards on the Rearmost Trim Piece and remove it from the car

Step 11 — Remove the Trunk Liner - Part 4

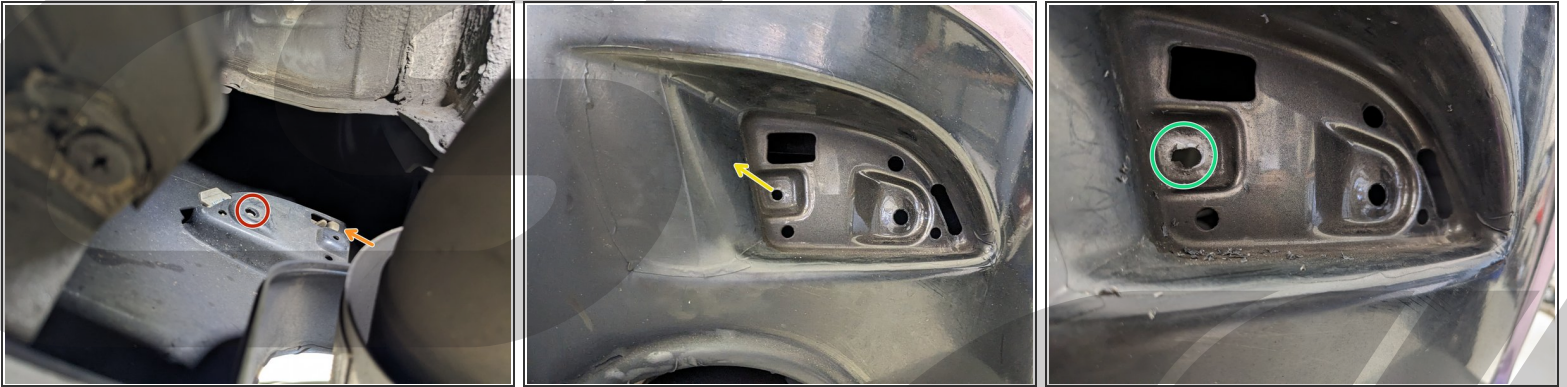


- On the Left-hand side, remove the plastic clips in the locations shown
- Grab the Hard Plastic Trim Piece and pull away from the edge of the Trunk, exposing the Two(2) Plastic Clips securing the Carpeted Side Panel
- Remove the Two(2) clips as shown

Step 12 — Remove the Trunk Liner - Part 5



- Peel back the Carpet and Plastic Lining enough to gain access to the area shown in the first image
- Repeat the previous steps for the other side
- ⓘ Complete removal of the trunk liner is not necessary for installation

Step 13 — Remove the OEM Rear Reflectors and prepare for installation

- Underneath the Vehicle, locate the reflectors, as shown in the first image
- With a small Phillips Head screwdriver, remove the screw in the location shown, securing the Reflector to the bumper
- Push on the Protruding Tab in the direction shown, then push outward to remove the reflector from the vehicle
- With a 7/32" (6mm) drill bit, extend the hole shown ~0.5in (13mm) inward and upward as shown
 - Repeat for both sides
- The final hole should appear as shown

Step 14 — Install the CorkSport LED Reflectors



- Cut the ends of the wires to the same length with no exposed wiring
- Feed the wires all the way through the hole in the bumper as shown
 - If there is no hole present, use the 7/32 drill bit to create a hole in the location shown
- Ensure the LED light is flat against the surface of the bumper
- ⓘ If the mounting location of the LED light does not line up with the Modified Hole, drill the hole further until it fits
- With the provided hardware, attach the LED light to the bumper with the Phillips head screw and washer

Step 15 — Route the Wiring into the Car



- Locate the square, white piece of tape on the underside of the body, then poke a hole into it
- Route the wiring through this hole and into the vehicle
- Up top, pull the wiring through until there is a minimal amount of slack
- ⚠ Do not pull the wiring taught to avoid damage to the wires
- Skip to step 25

Step 16 — Mazda6: Remove Trunk Lining Part 1

- Remove all contents from the Trunk Area
- Lift upwards on the Trunk Floor, revealing the Spare Tire and Tools underneath
- Secure the Trunk Floor to the rear glass with a strip of Painter's Tape as shown

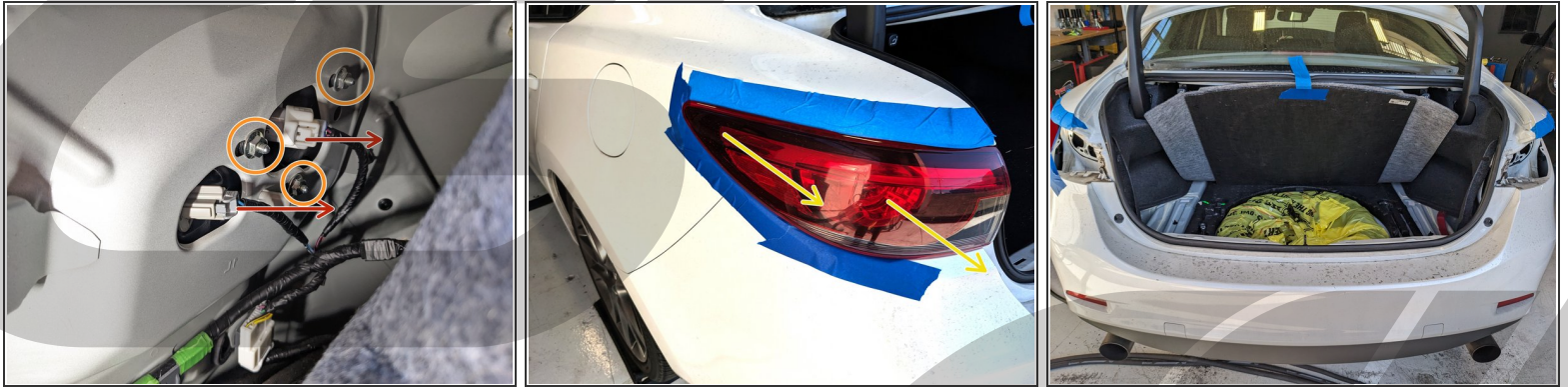
Step 17 — Mazda6: Remove Trunk Lining Part 2

- On the Right-hand side, remove the Storage Tray from the vehicle by simply pulling upwards
- On the Left-hand side, remove the Storage Tray by removing the Two(2) plastic push pins

Step 18 — Mazda6: Remove Trunk Lining Part 3

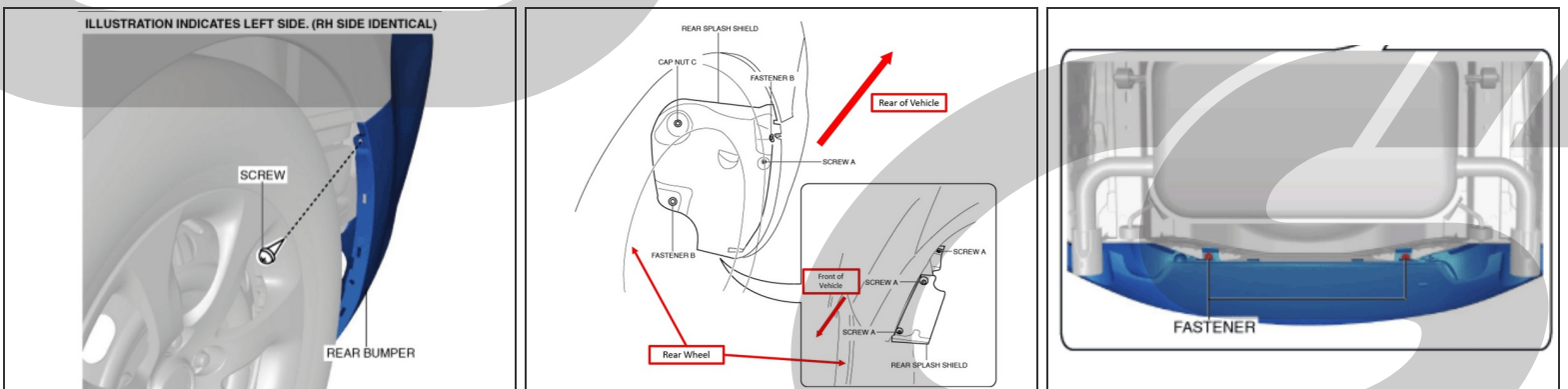
- Remove the Scissor Jack
- Remove the Two(2) plastic clips securing the Trunk Liner to the chassis
- Peel the trunk liner away from the side of the Trunk to reveal the Taillight connectors
- ⓘ You may have to peel the trunk liner from around the Trunk Lid support arms to gain sufficient clearance
- Repeat for the other side

Step 19 — Mazda6: Bumper Removal Part 1



- ⓘ The rear bumper must be removed to gain tool access for OEM reflector removal
- Disconnect the Taillight connectors
- Remove the Three(3) 10mm Nuts securing the taillight to the vehicle
- Place painters tape around the taillight to protect the paint from scratches
- Remove the Taillight from the vehicle by pulling outwards, towards the rear of the car
- ⚠ Do not pry outwards on the end
- ⓘ The taillight may be difficult to grab and pull. Wiggling while pulling will help pull it free
- Repeat for the other side

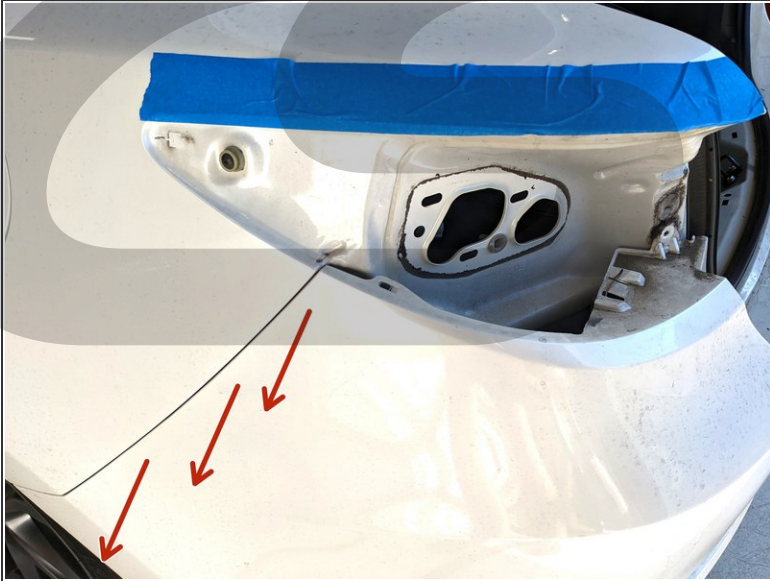
Step 20 — Mazda6: Bumper Removal Part 2



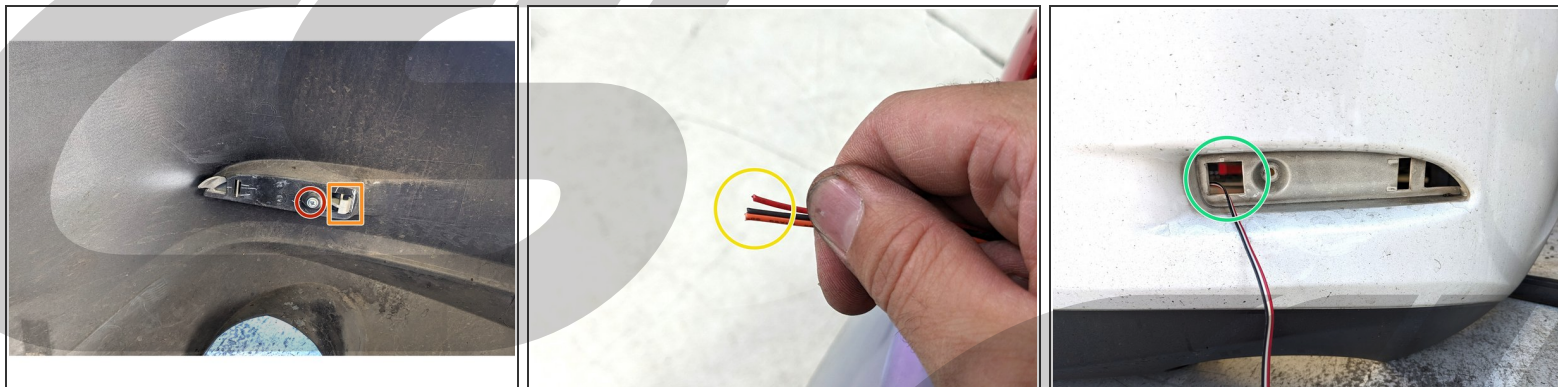
- Underneath the vehicle and in the Rear Inner wheel well, remove the fasteners indicated

Step 21 — Mazda6: Bumper Removal Part 3

- Remove the Caps in the location shown with a flathead screwdriver
- With a Phillips head screwdriver, remove the Four(4) screws

Step 22 — Mazda6: Bumper Removal Part 4

- Remove any painters tape connecting the Bumper to the Chassis
- Pull outwards on both sides of the bumper to release it from its connecting tabs
- Remove the bumper from the vehicle

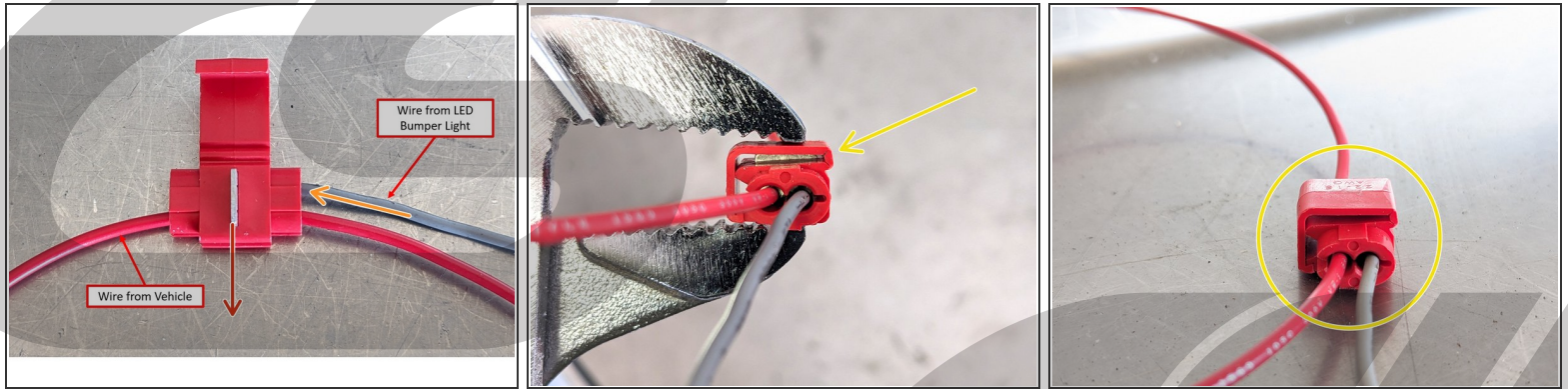
Step 23 — Mazda6: Install the CorkSport LED Bumper Lights - Part 1

- Remove the Screw securing the OEM Reflector to the bumper with a Phillips Head screwdriver
- With a pair of pliers, pinch the Plastic Tab and push outwards to remove the reflector from the vehicle
- Cut the ends of the CorkSport LED wires to the same length with no exposed wiring
- Install the CorkSport LED lights into the OEM position and ensure the wires are routed as shown

Step 24 — Mazda6: Install the CorkSport LED Bumper Lights - Part 2

- Secure the LED Reflector with the same OEM Phillips Head screw
 - ⚠ Do not overtighten
- On the Chassis by the Reflector location, find the small strip of White Tape, then puncture a small hole through it
- Route the wiring through this hole and into the Trunk Area
- Reinstall the bumper and Taillights
 - ⓘ Pull the wiring through the hole as the bumper is installed to prevent the wires from being pinched or damaged
 - ⚠ Do not pull the wiring completely taugt to avoid damage to the wires

Step 25 — How to use the Connectors



- How to use the Provided connectors:

- ⓘ Note that the connector is two-sided. One side has a pass-through, while the other side is terminated

- Slide the pass-through side of the connector onto the **vehicle's** wire until it clicks and can then slide freely along the wire

- Push the wire from the CorkSport LED Bumper light into the terminated side of the connector until it stops against the end of the connector

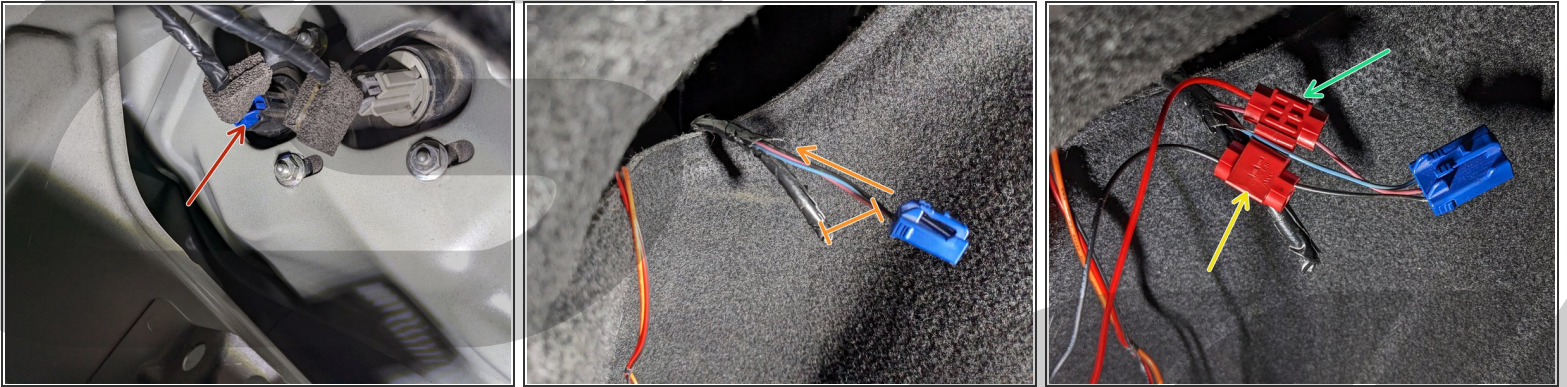
- ⚠ **Firmly hold the wires in this position while the next step is performed to avoid the wire moving out of the connector**

- Using a pair of Channel Locks, **firmly** squeeze the connector closed until the clasp latches and the connector appears as shown

- ⓘ Slightly pull on the wire from the LED light to confirm a tight connection

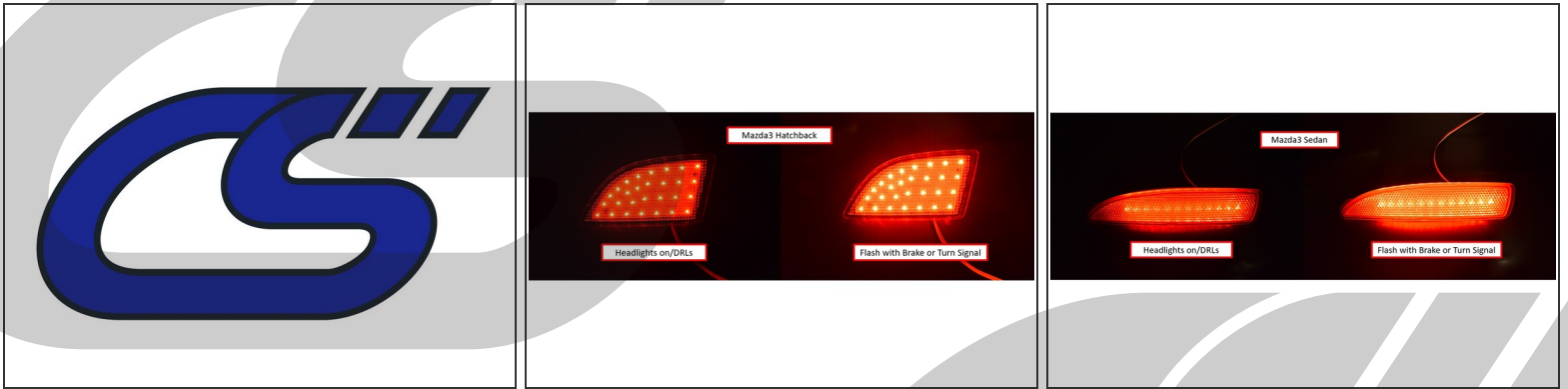
- Mazda6: Skip to Step 28

Step 26 — Mazda3: Wiring the Bumper Lights - Part 1



- Remove the Dark Blue connector from the taillight
- With a Razor Blade or a small pair of Scissors, carefully cut the protective sleeve around the Taillight Wiring and pull it away, exposing the Three(3) wires underneath
 - ⚠ Exercise caution to avoid damaging the wires. Do not damage or cut the wires
- ⓘ Remove any foam attached to the connector
- Connect the **Black** Wire from the CorkSport LED Bumper light to the **Black** wire of the taillight
- Connect the **Red** Wire from the CorkSport LED Bumper light to the **Pink** wire of the Rear Taillight
- ⓘ These wiring connections mean the CorkSport LED Bumper Lights will illuminate when the headlights or DRLs are activated

Step 27 — Mazda3: Wiring the Bumper Lights - Part 2 (Optional)



- i This step is completely optional. If you would like the CorkSport LED Bumper lights to **only** be illuminated with the headlights with **no** flashing function, please skip to Step 31
- Chose which flashing functionality you would like:
 - Flash with Brake Application:
 - Connect the **White Wire (Orange for Mazda3 Hatchback)** from the LED Bumper Light to the **Light Blue** wire found on the Dark Blue connector
 - Flash with Turn Signal Application:
 - Connect the **White Wire (Orange for Mazda3 Hatchback)** from the LED Bumper Light to the **Dark Blue** wire found on the inner Grey connector
- i Both flashing functions cannot be achieved simultaneously
- Skip to Step 31

Step 28 — Mazda6: Wiring the LED lights - Part 1

- Locate the Outside-most, cream-colored Taillight Connector
- With a Razor Blade or a small pair of Scissors, carefully cut the protective sleeve around the Taillight Wiring and pull it away, exposing the Three(3) wires underneath
 - Remove the additional tape as well for greater access to the wires
- ⚠ Exercise extreme caution to avoid damaging the wires. Do not damage or cut the wires

Step 29 — Mazda6: Wiring the LED Lights - Part 2

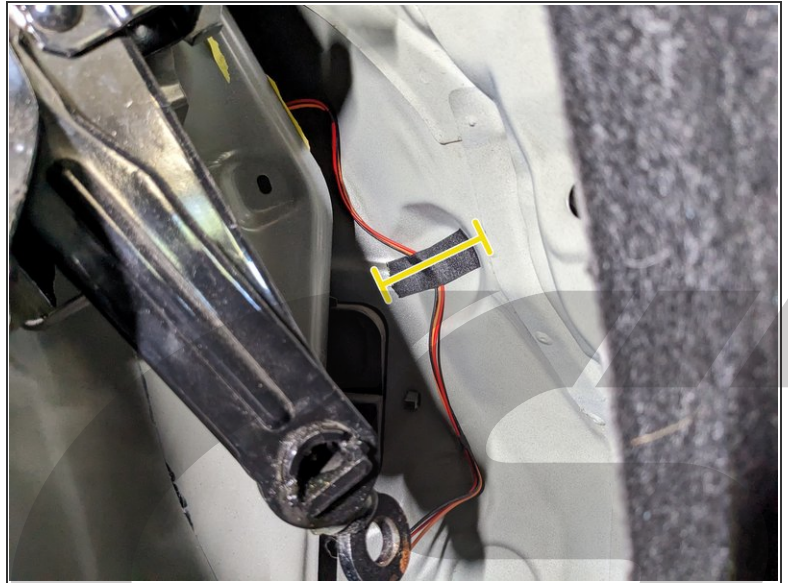
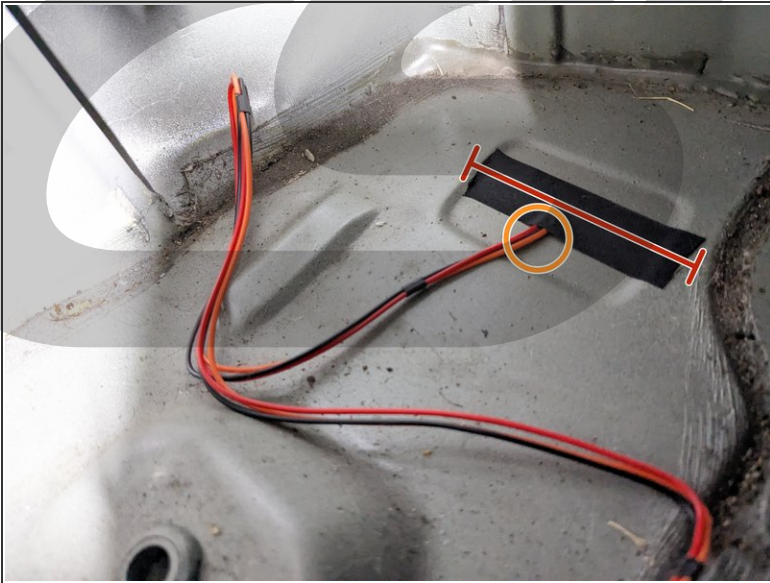


- For the Right-hand side:
 - Connect the **Black Wire** from the CorkSport LED Bumper light to the **Black&Yellow** wire of the taillight
 - Connect the **Red Wire** from the CorkSport LED Bumper light to the **Black&Pink** wire of the Rear Taillight
- For the Left-hand side:
 - Connect the **Black Wire** from the CorkSport LED Bumper light to the **Black** wire of the taillight
 - Connect the **Red Wire** from the CorkSport LED Bumper light to the **Black&Pink** wire of the Rear Taillight

Step 30 — Mazda6: Wiring the LED Lights - Part 3 (Optional)



- i** This step is completely optional. If you would like the CorkSport LED Bumper lights to only be illuminated with the headlights with no flashing function, please continue to the next step.
- Chose which flashing functionality you would like:
 - Flash with Brake Application:
 - Connect the **White** Wire from the LED Bumper Light to the **Red&Blue** wire found on the Outer-most, Cream-colored connector
 - Flash with Turn Signal Application:
 - RH Side: Connect the **White** Wire from the LED Bumper Light to the **Blue&Orange** wire found on the inner Grey connector
 - LH Side: Connect the **White** Wire from the LED Bumper Light to the **Blue&Black** wire found on the inner Grey connector
- i** Both flashing functions cannot be achieved simultaneously

Step 31 — Seal the hole and clean up the wiring

- Apply a strip of weather resistant tape (Duct Tape, Gaffer Tape, etc.) to the floor hole as shown
- Apply a small amount of Liquid Gasket Maker around the wires and opening created by them. Ensure an even coat is applied
- Secure the excess wiring on the side of the vehicle with tape as shown
- Repeat for the other side
- Reassemble the Trunk lining in the reverse order of removal

Step 32 — Installation Complete



- This completes your installation of the CorkSport LED Rear Bumper Lights!
- Perform a lighting test to confirm light function
- ⓘ If a light does not perform as expected, firmly squeeze the connectors a second time to achieve a better connection
- Contact us with any questions or concerns at sales@corksport.com or (360) 260-2675.
- Share your experience using #CorkSport on Instagram, Facebook, and Twitter.