

# CorkSport Performance

## ATE-3-023 Rear Floor Chassis Brace

Installation Instructions for the CorkSport Performance Rear Floor Chassis Brace for the 2006-2007 Mazdaspeed 6 & 2003-2008 Mazda 6

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## INTRODUCTION

In this installation guide we have provided step by step instructions to install the CorkSport Performance Rear Floor Chassis Brace

### Advisory:

- It is highly recommend to install the brace while the vehicle is on a flat surface.

### TOOLS:

- 3/8" Drive Ratchet (1)
- 3/8" Torque Wrench (1)
- 14mm Socket - Deep (1)
- 15mm Socket - Deep (1)



### PARTS:

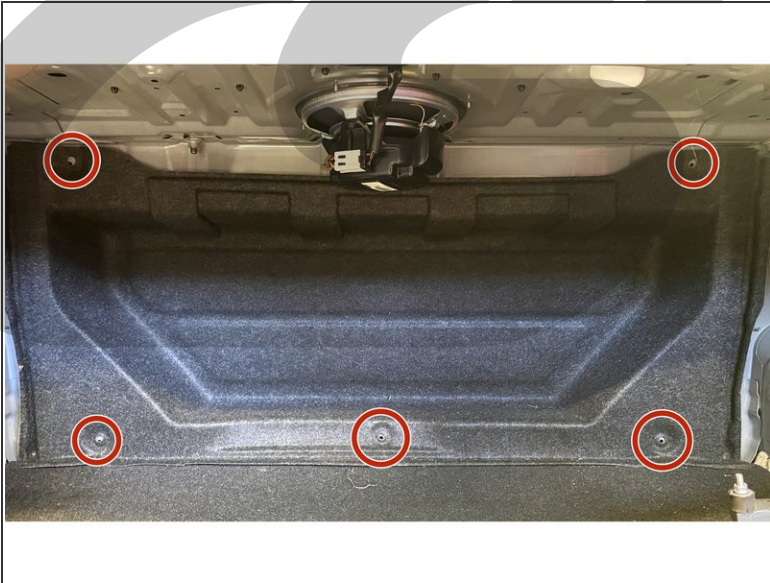
- CorkSport Rear Floor Chassis Brace (1)
- M10x1.5x45mm Flange Bolts (2)
- M10x1.25x45mm Flange Bolts (2)

## Step 1 — Getting Started



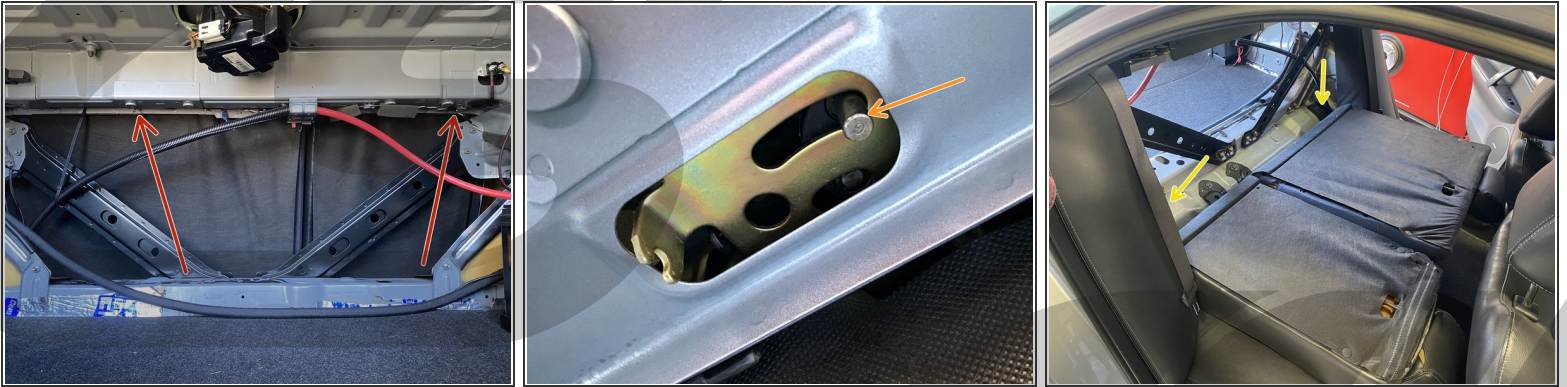
- First and foremost; **THANK YOU** for becoming a part of the CorkSport Family. We hope to bring you the highest level of Parts, Customer Service, & Support
- ① How To Use These Instructions
  - The instruction format will relate colored marking in the image to the color dot in the text to the right of the image
  - Going forward we will be referencing the rear floor chassis brace as just the "brace"
- The vehicle used in these instructions was a highly modified 2006 Mazdaspeed 6. Vehicles with less modifications & Mazda 6 vehicles will be very similar.
- Accessing the brace mounting locations is different for MS6 and Mazda 6. These sections are separated.

## Step 2 — Mazdaspeed 6 Accessing Mounting Locations Part 1



- ① If you have a Mazda 6, skip to **Step 4**
- Open your trunk and locate the panel that covers the backside of the rear seats
- Remove the 5 push clips that are holding the panel in position, then remove the panel from your trunk
- The trunk will appear like the second image
- ① Vehicle used for installation images had a battery relocation to the trunk. Your vehicle will not have the large wires shown

### Step 3 — Mazdaspeed 6 Accessing Mounting Locations Part 2



- Look at the bottom of the trunk structure in the areas shown to find the rear seat latches
- Rear seat latches appear as shown in second image
- Push the pin shown in the direction shown and push the rear seats forwards to fold down the rear seats
- Seats will fold down as shown in the third image. The bolts that will be used to mount the brace are located at the yellow arrows

## Step 4 — Mazda 6 Accessing Mounting Locations



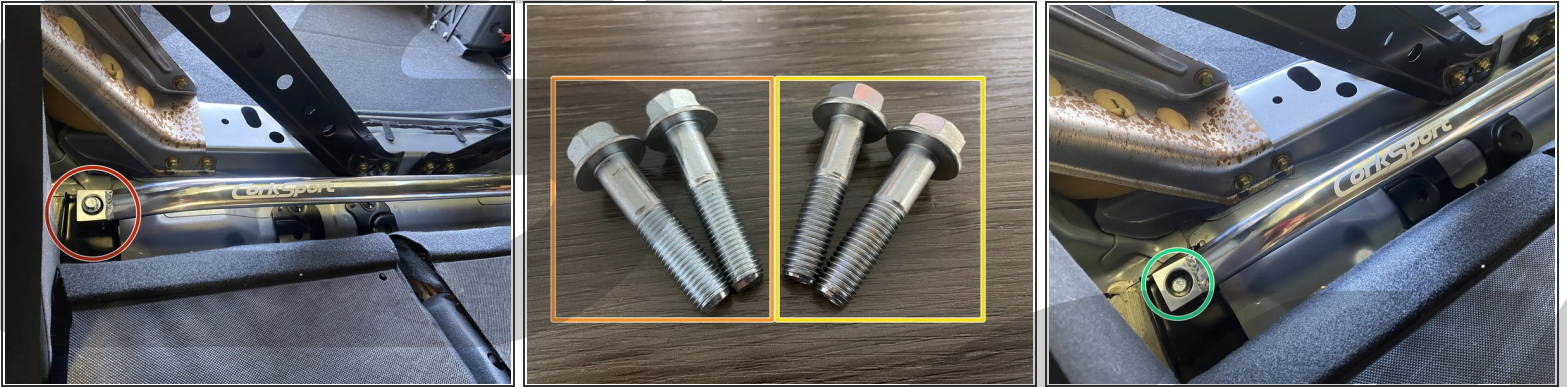
- ① If you have a Mazdaspeed 6, skip this step
- Fold down the rear seats using the release handles in your trunk
- Pick up the front edge of the trunk carpet as shown, right behind the rear seats. You will see the mounting locations
- Brace mounting locations shown

## Step 5 — Removing the OEM Bolts



- Using a 14mm socket and ratchet, remove the two OEM bolts in the locations shown
- ① These are the outermost rear seat mounting bolts
- ① These bolts will not be reused.

## Step 6 — Rear Floor Brace Installation



- Position the CorkSport Rear Floor Brace ends into the areas the bolts were removed from in the previous step
- ⓘ The brace can install in either direction
- Using the supplied bolts, secure the brace to the vehicle:
  - Mazdaspeed 6: Use M10x**1.25**x45mm bolts
  - Mazda 6: Use M10x**1.5**x45mm bolts
- ⓘ The 1.25 bolts have threads that are closer together than the 1.5 bolts
- Tighten the bolts to **30-35ft-lbs.** using a 14mm or 15mm socket and ratchet (size depends on bolt used)

## Step 7 — Installation Wrap Up



- Mazdaspeed 6 owners can reinstall the rear seat cover panel and fold up their rear seats
- Mazda 6 owners can replace the carpet that was pulled up earlier and fold up their rear seats.
- Double check tightness of all fasteners after a few days of driving.

## Step 8 — Installation Complete



- This completes your installation of the CorkSport Performance Rear Floor Chassis Brace!
- ⓘ Listen for any strange noises upon first drive. If any are present, inspect the brace to ensure all components are tight.
- Contact us with any questions or concerns at [sales@corksport.com](mailto:sales@corksport.com) or (360) 260-2675.
- Please leave a review at <https://corksport.com/>
- Share your experience using #CorkSport on Instagram, Facebook, and Twitter.



