

# OCDEURO

## AUSTRALIA

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# Interior Chassis Brace Installation Guide

Installation Instructions for:  
- Audi 8V RS3/A3/S3, Sportback (2003-2013)

## Bill of Materials:

QTY	Part Description
1	Audi 8V RS3/S3/A3 Sportback Interior Chassis Brace
4	M8 Rivet Nutsert Steel
4	M8 x 25 Grade 304 Stainless Steel Button Head Cap Screws
4	M8 x 17.0 x 1.2 Grade 304 Stainless Steel Flat Round Washers

## Necessary Tools:

### Tool Description

Drill bit set capable of creating 4 x 11mm holes in the car body.

5mm Allen Key.

Centerpunch or similar drill bit location tooling (Not Necessary)

Rivnut/Nutsert Tool (Cheaper alternatives detailed further on).

Drill (Corded, Battery or Air Powered).

Bungee Cords, Jockey Straps or Similar. (Not Necessary)

Razor Blade, Hobby Knife or Carpet Cutting Tool.

Permanent Marker/Masking Tape

Assorted measuring tools, (Metal Ruler, Tape Measure, etc.)

Torx Bit Set (T20 and T30)

## Disclaimer:

The installation of this product requires the use of power and hand tools and should not be attempted by those without significant experience using the listed tools. This installation also requires four 11mm holes to be drilled into the body of the vehicle, which should be done with exceptional care to avoid damaging your pride and joy. If you are uncomfortable or feel that attempting the following is daunting, please do not attempt this installation yourself. Seek the advice and services of a certified mechanic, modified vehicle shop or similar professional. These instructions are to act as a guide only and any damage to your vehicle or yourself which may occur during the installation of this product is not the fault of OCDEuro Australia, PROCEED AT YOUR OWN RISK.

## **Installation:**

Please read and understand all of these instructions BEFORE attempting to install this product.

### **1. Getting Started**

- a. Make Sure your vehicle is parked on a smooth and level surface with the parking/handbrake on.
- b. Lay out all the necessary tools for the installation to ensure you have everything you need.
- c. Fold your front seats forward and slide them as far forward as they will go to increase the room you have to move inside the vehicle.

### **2. Removing your Rear Seats**

This step isn't necessary, it is included as a quality of life step. More room inside the cabin makes the process easier and less cramped. This process varies from vehicle to vehicle and badge to badge. We advise that you go online and find a guide to remove the rear seats for your specific vehicle. Feel free to contact [info@ocdeuro.com](mailto:info@ocdeuro.com) and we can source an appropriate guide for your specific vehicle.

### **3. Trim Removal**

- a. Begin by removing two T20 Torx bits and one T30 Torx bit (under circular plastic cover) on each side of the car, this will allow you to remove the plastic trim holding the carpet down. Be sure to carefully remove the 12V cigarette lighter and trunk light connectors.
- b. With this done pull back the carpet to reveal the sound deadening behind, cut away at this with a hobby knife to remove the bare metal mounting surface below. (See Figure 1)
- c. Test the mounting position of the brace to ensure you have removed enough trim to adequately mount the brace to the chassis.

#### **4. Measure 10 times, Measure Again, Check it again, Re-measure, Then... Cut.**

- a. With the trim, carpet and sound deadening out of the way, use jockey straps, bungee cords or similar to hold the Brace in place. Depending on your model, there may be one or more hooks or strap loops located in the trunk/boot of your vehicle. Use these hooks or strap loops for one end of your strap, securing the other end to the Brace. To avoid scratching the powder coated surface of your new brace, place rags/towels/microfibre cloths anywhere your chosen strapping contacts the paintwork.
- b. With this step complete you can now adjust the positioning of the brace to suit your needs easily to ensure straight and proper alignment within the vehicle. Cars don't always sit perfectly level, and sometimes a level parking surface isn't available be to you, so avoid using a bubble level to align the brace within the vehicle. Use symmetrical trim and body features of your vehicle and a measuring tool to obtain a location on the left and right side of the vehicle which is identical and level to the body of the vehicle (an example of such a location is the rear seat locking loop on each side of the vehicle).
- c. With the brace aligned level and in the correct position within the vehicle, use a permanent marker or masking tape to mark the first mounting point, we suggest beginning with either of the top two mounts.

#### **5. Nutsert Installation**

- a. Using a centre punch, punch in the first mounting point you marked, if done properly this will keep your drill bit from wandering and keep your holes centred. (this step is not necessary and is included as a quality of life tip)
- b. Begin by drilling a 2mm hole through the first hole location in the body of the vehicle. Using increasingly larger drill bits, increase the size of the hole until it measures 11mm in diameter. The more steps in size you use the easier it will be to create each hole and keep each hole centred.

- c. Using spray-paint or similar rust guard product, coat the hole and close surrounding area to prevent rust forming in the body of the vehicle.
- d. Finally use your nutsert tool to install the M8 nutsert. There are a few options of tool to use to achieve this, including compression and rotational tools which can be purchased on our site in the Tools section. These tools vary in price if you do not own one but can be found online or at hardware stores for relatively cheap prices. Alternatively, there is a DIY option which can be created and operated using common household tools, assorted bolts, nuts and washer configurations. Examples of these DIY tools can be found online and there are multiple YouTube videos detailing the process. These can sometimes be slower than a dedicated tool but will get the job done for the lowest price. This video found on YouTube is one example of DIY nutsert tool <https://www.youtube.com/watch?v=xwSzoDyjWA8>. Please follow the instructions in this video at your own risk. The creators of this video are in no way associated with OCDEuro Australia and all instructions from said video should be followed at your own risk.
- e. With the first nutsert completed, install the brace and tighten down the first bolt and washer, with this done you can down mark the second hole and repeat these steps until all nutserts are installed. This process of installing the brace between drilling and installing nutserts prevents any misalignment caused by not marking the holes correctly in the initial stages.
- f. With all the nutserts completed, thread all your bolts into each hole with the brace removed. Lay your carpet back down to its original position (don't reinstall plastic trim) and feel for the lumps of the head of each bolt. Mark these locations and begin making holes to allow the bolts to pass through. 10mm diameter is adequate. (See Figure 2)

Tip: If you need to remove a failed nutsert, grab a 9-10mm drill bit (only just larger than the diameter of the inside of the nutsert hole and drill through it, this will pull the nutsert out of the hole and allow a new one to be reinstalled.

## 6. Final Installation

- a. With everything complete, reinstall your trim fully, align the brace over the four Nutserts, place a washer onto the supplied M8 bolts and insert through the brace mounting points into each of the threaded Nutserts.
- b. Tighten down each M8 bolt using a 5mm Allen key, ensuring not to overtighten and spin the nutsert within its hole. If you find your nutserts are spinning, it means they were not sufficiently compressed when installed. Grab your nutserts tool and recompress the fitting.
- c. reinstall your rear seat assembly if you removed it and admire your handiwork. (See Figures 4 and 5)

If you have any questions please don't hesitate to contact us at [Info@OCDEuro.com](mailto:Info@OCDEuro.com).

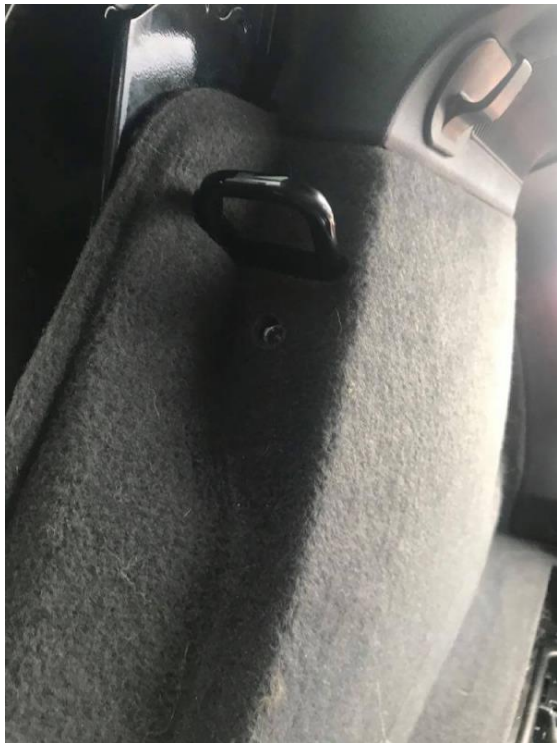
## Appendix



**Figure 1:** Sound Deadening Removal



**Figure 2:** Marking Holes over Bolts



**Figure 3:** Carpet and trim re-installed with holes made in the carpet.



**Figure 4:** Sound Deadening Removal



**Figure 5:** Finished Product