

# OCDEURO

## AUSTRALIA

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# Interior Chassis Brace Installation Guide

Installation Instructions for:

- Volkswagen Passat Wagon B6, All Badges (2005–2010)

## Bill of Materials:

QTY	Part Description
1	VW Golf Interior Chassis Brace
4	M8 Rivet Nutsert Steel
4	M8 x 20 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.

6mm Allen Key.

M10 Triple Square Bit.

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.)

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

- a. With the rear seats out of the way, pull back the carpet from the plastic trim around the mounting area for the brace. Start at the bottom where the carpet ends below the rear seats bolster and pull away from the plastic trim moving upwards as you go. Repeat for both sides of the vehicle.
- b. This will reveal the rear airbag inflation charge. Use your M10 triple square bit to dismount it from the chassis. Pull the charge out of the plastic retainer clip and then remove the clip from the body of the car. Tuck the airbag inflation charge out of the way/ tape it to the interior trim to stop it being in the way for further steps. Repeat for both sides of the vehicle.
- c. Begin a cut in your boot sidewall carpet from 20mm below the seat lock loops. the cut should follow the face of the mounting area for your brace downwards in a straight line for 300mm initially. This is where the brace will pass through to meet the chassis of the vehicle.

- d. With this cut complete on both sides of the vehicle, attempt to slide the brace in to the cut from the boot of the vehicle. With the brace pushed in as far as it will go before fouling on the chassis, begin to push the other end of the brace towards its mounting location, lifting upwards slightly near where the parcel shelf locks in and then downwards again close to the cut you have made. At this point you should be able to slide the brace downwards across the carpet sidewall and into place.
- e. With the use jockey straps, bungee cords or similar hold the brace in place on top of the mounting face. Depending on your model, there may be two 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. Alternatively, a friend can help you here if available to hold the brace for you.
- f. With this step complete you can now adjust the positioning of the product 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 spirit or 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, 30mm down from the centre of the loop to the top of the braces outer top flange).
- g. With the brace aligned level and in the correct position within the vehicle, use a permanent marker to mark the centre of either top mounting slot.

#### **4. Nutsert Installation**

- a. Using a centre punch, punch in on the mark you made in the last step in the centre of one of the top mounting slots. 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 this point in the body of the vehicle. Using increasingly larger drill bits, increase the size of each 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. Alternatively use our 3-12mm step bit to speed this step up considerably.
- 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 four M8 Nutserts into each of the four holes. 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 online 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. 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.
- f. With the first hole marked, drilled and having its M8 nutsert installed, remount the brace and bolt it down making sure to centre the slot over the M8 bolt supplied. At the point you can mark the other top mounting position and repeat steps 4a – 4d. Doing each individual hole from beginning to end before moving onto the next removes the risks associated with misalignment of the holes you drill due to poor marking in the beginning.

## 5. Final Installation

- a. With everything above complete, your Interior Chassis Brace can now be installed into your vehicle. 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 6mm 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 nutsert tool and recompress the fitting.
- c. reinstall your airbag charge, trim and rear seat assembly, admire your handiwork and enjoy the drive!

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