



Euro Sport Rear X-Brace - VW Golf/GTI/R MK7 & MK7.5 - Part#18075

PARTS

- | | |
|--------------------------|--|
| 1 Euro Sport X-Brace | 1 Nutsert Tool Kit w/ 7 Nutserts (one extra) |
| 6 1/4" x 3/4" Long Bolts | 6 1/4" Washers |

INSTALLATION INSTRUCTIONS

Required Tools

- | | |
|---|--|
| -9/32" Transfer punch, center punch or Sharpie marker | -Electric or air powered drill |
| -1/8" Drill bit | -9/16" Wrench or adjustable wrench |
| -1/4" Drill bit | -7/16" or 11mm socket with ratchet or wrench |
| -5/16" Drill bit | -X-acto knife |
| -3/8" Drill bit | -Bungee cord or double sided tape |

**Please thoroughly read and fully understand the installation process before beginning. If you feel you're not capable of doing the install yourself find a qualified automotive technician to carry out the installation process for you.*

Fig 1. Start by sliding the front seats forward and tilting the seatbacks forward as well, next open the hatch and remove the upper tonneau cover, lower trunk floor support, subwoofer or spare tire and foam if applicable, this will allow the maximum working room for installation of the Euro Sport X-Brace.

Fig 2. Next drop both rear seat backs down giving you access to the Eurosport X-Brace mounting location.

Fig 3. Next install the Euro Sport X-Brace between the carpet as shown, it should fit snug between the carpet once positioned correctly. Using a bungee cord, strap or rope, tie the bar so it stays straight during alignment for proper marking of the carpet trimming locations.

Fig 4. Next measure 1/2" from the seat latch support to the top of the mounting bracket on both sides and ensure the Euro Sport X-Brace is centered left to right between the carpet & chassis. Be patient when aligning the Euro Sport X-Brace for fitment and trimming accuracy.

Fig 5-8. Using a Sharpie permanent marker trace all four mounting brackets onto the carpet which will give you an accurate pattern to trim. Remove the Euro Sport X-Brace showing the trimming locations as shown.

Fig 9-11. Using an X-acto knife with a new blade **carefully** and **patiently** trim the carpet along the four previously traced areas. It's better to trim less then too much, once the bar is installed it will sit below the carpet so final trimming can be done once you get the bar fitted flush against the chassis if needed. **Note:** Having a few extra blades is suggested as the carpet can make them dull quickly, wear some thick gloves during this step for safety.

Fig 12-13. Reinstall the Euro Sport X-Brace using the bungee cord to help hold the bar in place or use some double sided tape on the mounting brackets as an option for final locating before the drilling locations are created. Using some cable ties on the lower portion of the Euro Sport X-Brace works well too.

Fig 14-15. Once the Euro Sport X-Brace is properly located 1/2" from the seat latch support and aligned side to side you can use a 9/32" transfer punch, center punch or sharpie marker to make the drilling locations. Ensure the transfer punch marks are done accurately because there isn't a lot of slop during final assembly. We recommend the 9/32" transfer punch method since it centers the hole accurately.

Fig 16-17. Next remove the Euro Sport X-Brace from the car and center punch the hole locations with more force to ensure a clean straight drill. This is a good time to double check your marks and ensure the holes match the Euro Sport X-Brace before final drilling begins. **Note:** Ensure the lower mounting point in **Fig 17** is away from the edge of the sheetmetal, the slotted bracket will allow some adjustability for this so mark and drill that location carefully.

Fig 18-22. Next it's time to drill your six pilot holes on the previously marked locations. We highly recommend doing this in 4-5 steps to ensure accuracy. Start with an 1/8" drill bit, then a 1/4" drill bit, then a 5/16" drill bit and finish off the final hole size with a 3/8" drill bit. **Note:** Be extremely cautious to drill holes as straight as possible and use lube while drilling, if holes are drilled too large or out of round the nutserts may not fit properly, a tight fit is essential for successful nutsert installation. **Note:** Use some tape to protect the plastic interior trim when drilling, some larger electric drills can touch the plastic so use caution not to damage any surrounding interior panels when drilling the six holes. Once you've drilled all the holes clean the interior with a vacuum to collect all the metal shavings.

Fig 23-27. Install the six supplied nutserts into the holes previously drilled using the supplied nutsert tool. Thread the nutsert onto the tool then place it into the hole until it sits flush, a tight fit is desirable, a light tap from a hammer may be required. Next use a 9/16" wrench to hold the tool straight and secure, use a ratchet or wrench to tighten the bolt clockwise until the nutsert compresses and becomes snug and flush with the hole, you should feel it tighten, **use caution not to over tighten the nutsert**. Then simply remove the bolt and the tool and your nutsert installation should be complete as shown.

Fig 28-32. At this point you can install the Euro Sport X-Brace with the supplied 1/4" bolts & washers making sure to only thread them in by hand. Tighten all six bolts down evenly and torque them to **(7 ft lbs Maximum)**, **DO NOT** over tighten hardware otherwise you may strip the nutserts. If you do not have a torque wrench using a small 1/4" ratchet can help limit your torque on the bolts. **Note:** We recommend using (Loctite Threadlocker Blue 242) on the threads if you plan on leaving the Euro Sport X-Brace permanently installed for long periods of time. If you plan to remove it often for loading of the trunk then don't use any Loctite Threadlocker.

Reinstall everything in reverse of removal and your Euro Sport X-Brace installation is complete. Enjoy your greatly stiffened chassis!





Figure 1



Figure 2



Figure 3



Figure 4

Measure 1/2"
between bottom of
seat latch support
to top of stress bar
bracket



Figure 5



Figure 6



Figure 7



Figure 8



Figure 9



Figure 10



Figure 11



Figure 12



Figure 13



Figure 15



Figure 14



Figure 16



Figure 17



Figure 18



Figure 19



Figure 20



Figure 21



Figure 22



Nutsert
installation
tool

Figure 23



Figure 24



Figure 25



Figure 26



Figure 27



Figure 28



Torque to 7 ft lbs maximum

Figure 29



Figure 30



Figure 31



Figure 32