

## Wilhelm Raceworks Tunnel Brace Installation Instructions

### Parts List:

1x Tunnel Brace  
1x Self Adhesive Rubber Pad  
8x M8x1.25 Rivnut  
14x M8x1.25 x 20 JIS flanged bolt

### Tools Required:

Rivnut puller for 8mm rivnuts  
Drill with 3/8" and 7/16" bits  
Hammer and small block of wood

### Installation:

Remove seats and peel back carpet from along the tunnel.

Remove underbody plastic panels and remove fuel tank and parking brake cross members.

If installing on a car with air conditioning, use the hammer and block of wood to bend the *brackets* that hold the A/C lines up slightly as shown below.



Temporarily install Tunnel Brace to the 6 stock bolt holes where the fuel tank and parking brake cross members were installed. Loosely install all fasteners before tightening. Hand tight is enough at this point. Note that the brace has several slight bends in it to follow the contour of the floor, and will only fit correctly one way.

Using the brace as a guide, drill through the floor with the 3/8" drill bit. Double check that nothing is in the way inside the car!

Remove the brace, enlarge the holes to 7/16", and install the rivnuts. *Optionally, you could use nuts and washers instead of rivnuts, but future removal will be more complicated. If you choose to go this route, leave the holes at the original 3/8" diameter.*

Install the self-adhesive rubber strip to the top of the fuel tank cross member as shown below. This will compensate for the thickness of the brace to ensure the crossmember supports the fuel tank as it should.



Reinstall the brace, followed by the fuel tank and parking brake cross members. As before, loosely install all bolts before tightening any of them.

Email [alex@wilhelmraceworks.com](mailto:alex@wilhelmraceworks.com) with any installation questions!