

R-1410

FRS/BRZ/86 Harness Bar Installation Instructions

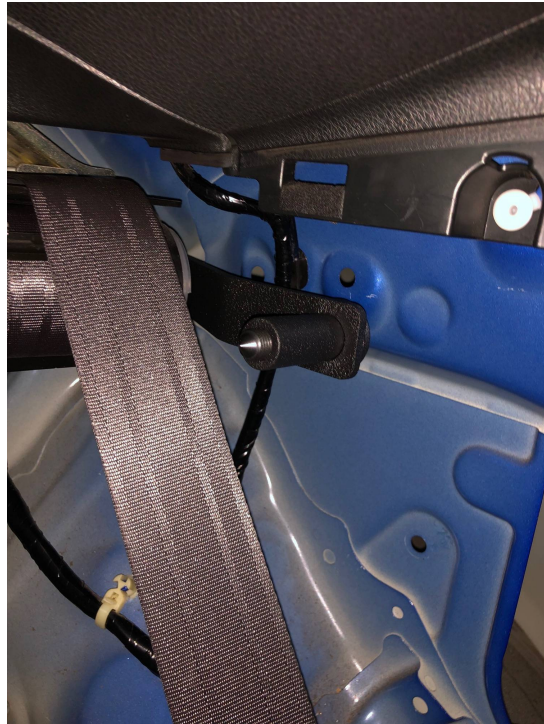
1. Remove rear lower seat cushion: Unbolt front of seat and then pivot the lower seat cushion out.
2. Remove front seats from the car. Move the seat all the way back, remove front bolts. Move seat all the way forward, disconnect rear bolts. Move seat all the way down and to the front of its travel. Repeat with other seat. Disconnect battery ground cable. Unplug seat harness from seats. Remove seats from car.
3. Install inboard clip in lap belt bracket. Remove the factory nut that secures the seat belt receiver. Secure the clip in belt mount as pictured



4. Remove rear sail panels (what would be the rear door cards if it was a 4 door). There are 4 pins that must be removed first—two on the trunk carpeting, two hidden by the back seat bottom cushion. After that, the trim panel pries out.



5. Install the rear mount brackets. The mount brackets attach to the rear seat belt retractor mounting bolt. Install such that the long portion is parallel to the ground. Insert included set screw a couple threads. Final result should look like this:



6. Remove this portion of sound deadening and this mounting tab post from the rear sail panel:

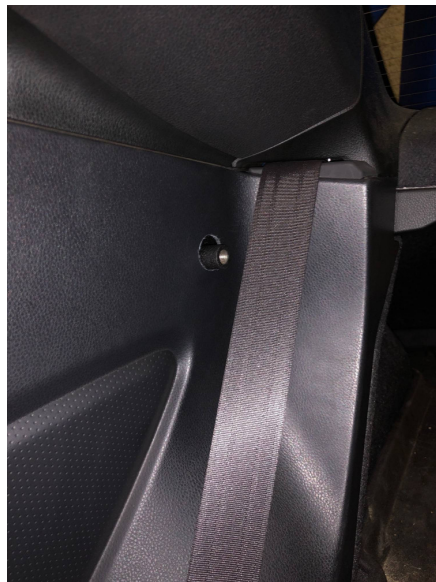


If in doubt as to which sound deadening and post to trim, it's the one that will line up with the threaded lug on the harness bar mount you installed.

7. Insert sail panel in location, but do not engage tabs. Once the panel is in its normal location, compress the portion near set screw such that the set screw dents the trim panel. Remove the panel and use a hole saw drill bit to drill a 1" hole using the dent you created as your center. Final result should look like this:



8. Remove set screw from mount bracket. Permanently reinstall trim panel, engaging clips and installing 4 push pins. Repeat process on other side. Reinstall lower seat cushion. Result should look like this:



9. With both sail panels fully reinstalled, insert harness bar. The harness bar bolts to the mount brackets using the included 7/16-20 bolts. Use the included washer between the bolts and harness bar. At this point, don't tighten so much that the harness bar can't be rotated.
10. Install down tubes. The down tubes have 2 different rod ends. One end has a 7/16 rod end, which attaches in place of the factory spacer where the lap belt attaches to the door sill. When attaching this rod end to the door sill, you should also install the included outboard clip in lap belt mounts. The other end has a 3/8 rod end, which will be used in combination with the included 3/8" bolt to attach the down tube to the harness bar.



11. Bolt harness bar to down tube. Harness bar mounting angle is set by down tubes. Final result should look like this:



12. Reinstall front seats. Reconnect battery. Complete.

Note: Periodically recheck fasteners for tightness. Shoulder straps should be wrap mounted around main tube and thru guides.