



Evolution Motorsports Carbon Fiber Rear Strut Brace Installation Instructions
For Cars WITH BOSE Subwoofer System



1. Move both the driver and passenger side seat fully forward.
2. Fully collapse both rear seat backs.
3. Remove rectangular BOSE decorative trim ring located on both the driver and passenger side of the subwoofer.
4. Unbolt the T32 Torx bolt that is located underneath each trim ring.



5. Pull speaker box forward and upwards.
6. Unclip the wiring connector located at the back of the enclosure. To remove, squeeze both sides of the clip and pull out.
7. Remove the speaker box from the car.
8. Locate the carpet panel underneath the speaker box. Remove this carpet panel by pulling up in the center of it and remove exposing the 2 aluminum trays.



9. The next step requires a Dremel with a cut off wheel, pneumatic cut off wheel or a hacksaw. Remove 3-5 mm off of the top part of the exposed stud in between the aluminum trays shown in the picture to the left. You can safely remove all of the material above the nut that secures the aluminum trays. This modification prevents the carbon fiber strut brace from coming in contact with this stud.

****Before cutting**



**After cutting



10. Remove any sound deadening material located around the BOSE mounting brackets on both the driver and passenger's side.
11. Remove both the driver and passenger's side speaker brackets. These brackets are held in place by two 10 mm nuts. The modified brackets supplied in the kit will replace these brackets.
12. Remove the three 15 mm hex nuts on both the driver and passenger's side that attach the rear shocks to the body. These are located to the left and right side of the aluminum trays.
13. Completely loosen the locking collars located on both the left and right side of the strut bar.



14. Place drivers side billet strut bar mounting bracket in place over the 3 exposed studs. Re-attach the three 15 mm hex nuts to tighten the strut bar mounting bracket to the car. Do not torque to specifications. Leave these nuts snug until final torque procedure.

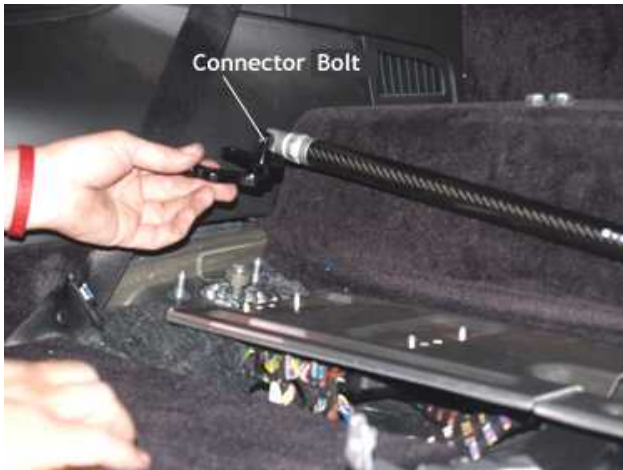
15. Lower the passenger side of the strut brace in place over the 3 studs. If these holes do not line up, you must adjust the strut bar length so that the holes on the strut bar bracket.



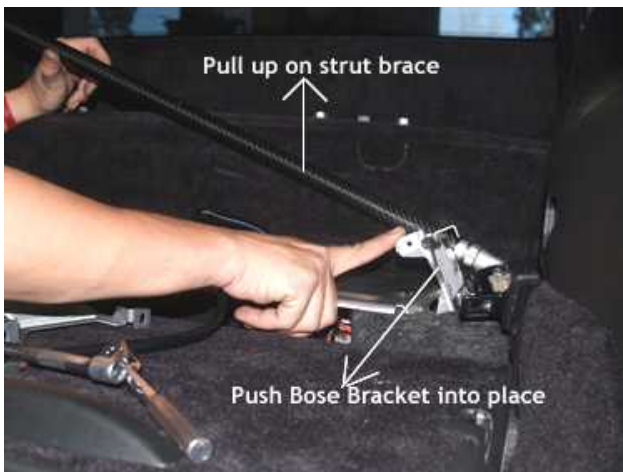
16. To adjust the bar, hold the passenger's side strut bar mounting bracket in place while twisting the carbon fiber strut bar. To move the bracket inwards, twist the carbon fiber bar clockwise. To move the bracket outwards, twist the carbon fiber bar counter-clockwise. Test fit to ensure proper length. **DO NOT ATTACH STRUT BAR MOUNTING BRACKET TO THE CAR AT THIS TIME.**



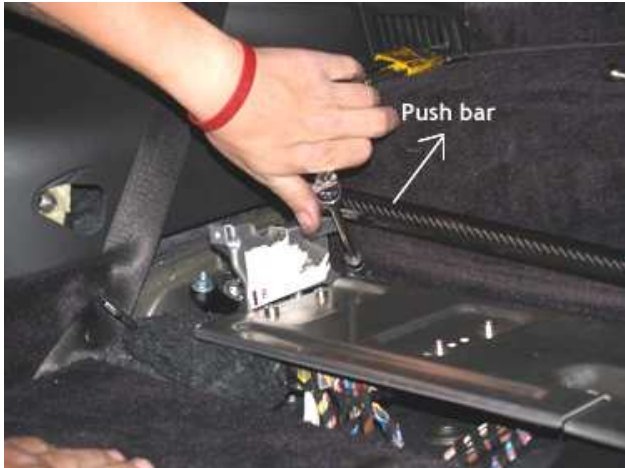
****To correctly align the strut brace, try to align the strut brace collar lines to the line up point shown in the picture to the left. The end of the carbon tube should be in line with the edge of the aluminum tray.



17. Once the brace is adjusted, retighten both cylindrical adjustment collars.
18. Remove the connecting bolt that connects the strut brace end to the black billet-mounting bracket. **PERFORM THIS POCEDURE FOR THE PASSENGER SIDE ONLY**
19. Once the brace and black billet-mounting bracket are separated, line up the mounting bracket to the cars mounting bolts and secure by tightening the three 15 mm bolts.



20. Attach the supplied driver's side BOSE speaker bracket to the car by lifting up the carbon fiber bar enough to give clearance for the speaker bracket to seat correctly to the car.
21. Attach the supplied passenger side BOSE speaker bracket to the car.
22. Once both BOSE speaker brackets are attached to the car, re-attach the carbon fiber strut bar to the mounting bracket using the connecting bolt that was removed in step 18



23. To re-attach, push the carbon fiber bar back against the carpeting until it can slide into the mounting bracket. Once the bar is in, push the connecting bolt through the back of the mounting bracket and tighten. This process will take some force.

24. At this point, make sure that all strut brace mounting bolts and BOSE mounting bolts are securely tightened.
25. Reattach carpet piece that was removed in Step 8
26. Reinstall BOSE speaker box.
27. Reconnect BOSE speaker wiring cable.
28. Reattach BOSE speaker housing to BOSE speaker mounting brackets.



**If there are any questions about this installation, please feel free to call us at :
(480) 317-9911, or email at info@evoms.com**