



Evolution Motorsports Carbon Fiber Rear Strut Brace Installation Instructions
For cars WITHOUT BOSE Subwoofer System

1. Move both the driver and passenger side seat fully forward.
2. Fully collapse both rear seat backs.
3. Locate the carpet panel behind the rear seats. Remove this carpet panel by pulling up in the center of it and remove exposing the 2 aluminum trays.



4. 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**



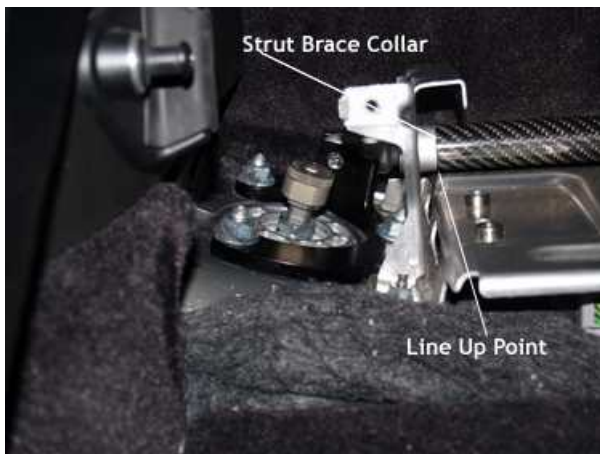
5. Remove any sound deadening material located around the mounting brackets on both the driver and passenger's side.
6. Remove the three 15 mm hex nuts on both the driver and passenger's side that attach the rear shocks to the body. These are located to the left and right side of the aluminum trays.
7. Completely loosen the locking collars located on both the left and right side of the strut bar.



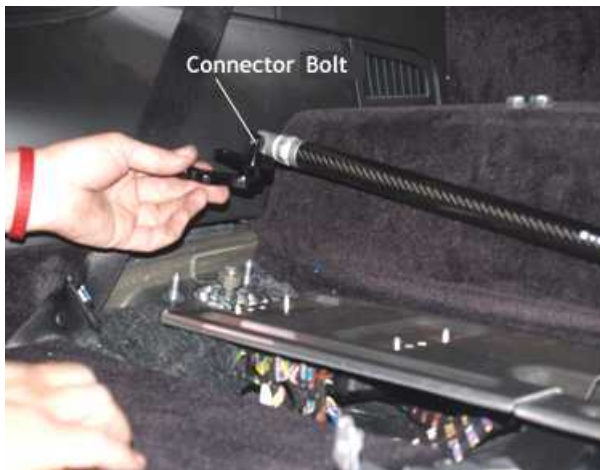
8. Place drivers side billet strut bar mounting bracket in place over the 3 exposed studs. Re-attach the three 15 mm hex nuts to tighten the strut bar mounting bracket to the car. Do not torque to specifications. Leave these nuts snug until final torque procedure.
9. Lower the passenger side of the strut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



10. 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.



11. Once the brace is adjusted, retighten both cylindrical adjustment collars.
12. Remove the connecting bolt that connects the strut brace end to the black billet-mounting bracket. **PERFORM THIS POCEDURE FOR THE PASSENGER SIDE ONLY**
13. 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.



14. To re-attach the strut bar to the mounted billet bracket, 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.



15. At this point, make sure that all strut brace mounting bolts are securely tightened. Reattach carpet piece that was removed in Step 3.



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