



DINAN

REAR BRACE INSTALLATION INSTRUCTIONS

PART NUMBER D180-0008

APPLICATION: 2004-05 525i, 530i, 545i
2006 525i/xi, 530i/xi, 550i, M5 (sedan only)

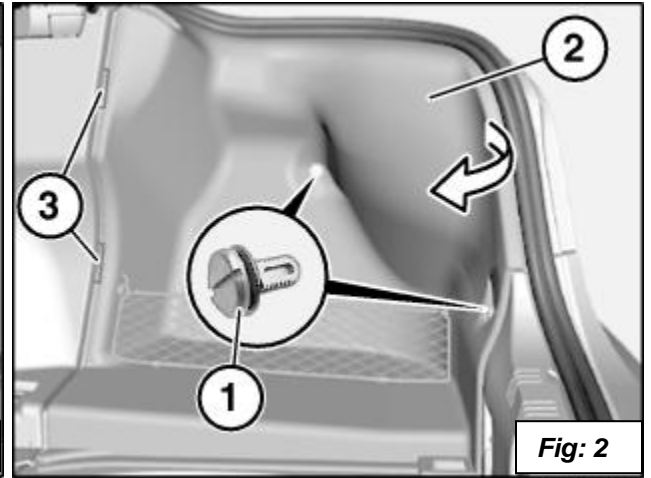
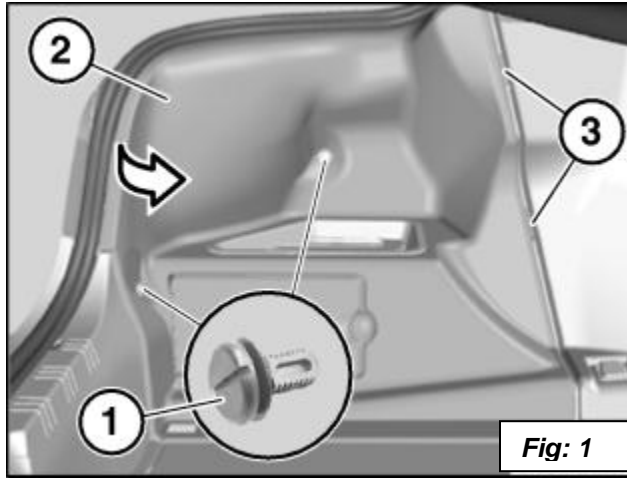
PARTS LIST

<u>Qty</u>	<u>Part Number</u>	<u>Description</u>
I	D182-0008	Brace Center Section
I	D183-0022	Driver-side Endplate
I	D183-0023	Passengers-side Endplate
I	D183-0024	Hardware Kit

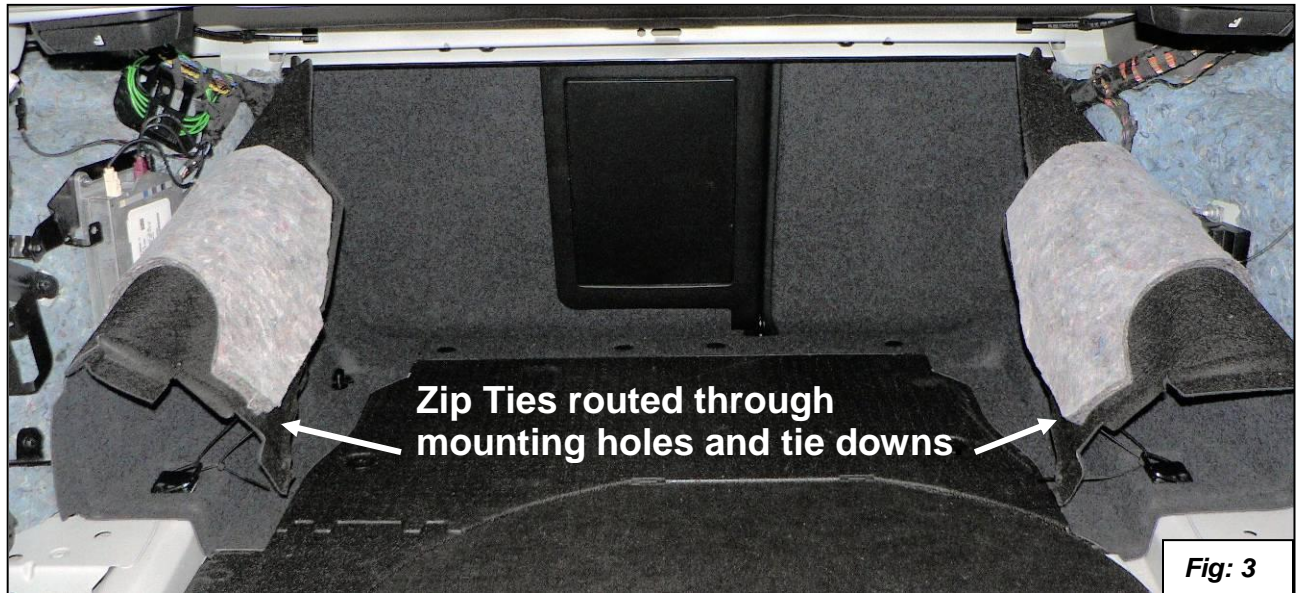
Congratulations for being selective enough to use a Dinan Engineering Brace. We have spent many hours developing this brace to assure that you will receive maximum performance and durability with minimum difficulty in installation. Please take the time to read these instructions and call us if you have any difficulties during the installation.

1. Make sure ignition is OFF and car is on the ground.
2. Take out luggage compartment floor trim panel.

3. Remove rotary clips (1) from side carpet panels. Pull out panels (2) in direction of arrow and remove. When installing make sure guides (3) are in their slots. See figures 1 and 2.

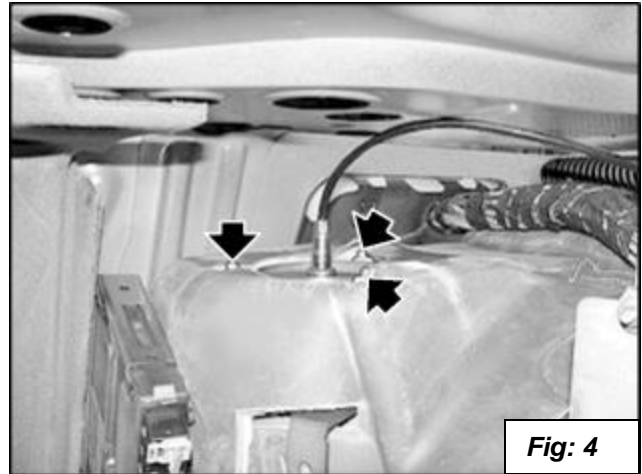


4. Partially remove and fold back the luggage compartment wheel arch trim from the shock towers to expose the mounting nuts. You can use Zip Ties to hold the carpet out of the way. See figure 3. Pull the sound insulation out of the way.



5. Remove the nuts securing upper shock mounts to the car. **On M5** disconnect the plug connection for the electronic shocks. See figure 4.

6. Slip Dinan endplates onto the shock mounts. Lift the plates up slightly to start the nuts. Do not tighten yet. Make sure you route the wire for the electronic shocks through the center of the end plates and that it is not pinched.



7. Install the supplied hex head bolts into the ends of the brace. Slide the brace with bolts onto the end plates and install the washers and nylok nuts. Adjust the positions of the endplates as required until you get a good fit.

8. When everything is properly located, tighten the nuts securing the endplates to the shocks. Check the routing of the wires from the shocks and reconnect.

9. Remove brace center section.

10. Using a sharp knife, trim away the sound insulation as required to clear the ears on the end plates, and reinstall insulation.

11. Slit and trim the carpet as required to go around the ears and install in reverse order from removal. See figure 5.



12. Slide the brace with bolts onto the end plates and install the washers and nylok nuts and tighten securely. See figure 6.



13. Replace the remaining components in reverse order of removal & enjoy!