The world's first "Bolt in Only" stress bar for VW Mk 4 Chassis

Installation Manual V1.0

www.yarrowsport.com

Tools Needed:
1. 17mm, 10mm sockets and ratchet with 3inch extension
2. 10mm box end wrench
3. Phillips head screw driver
4. Regular Screw driver or Pry Tool
5. 6 pointed Torx bit or Hex Key set(Alan wrench)
6. Tin snips and a utility knife
7. Pair of pliers

Supplied Parts:
1. (M6) Two (2) 10mm bolts
2. Four (4) washers
3. Two (2) 10mm nuts
4. Installation Manual
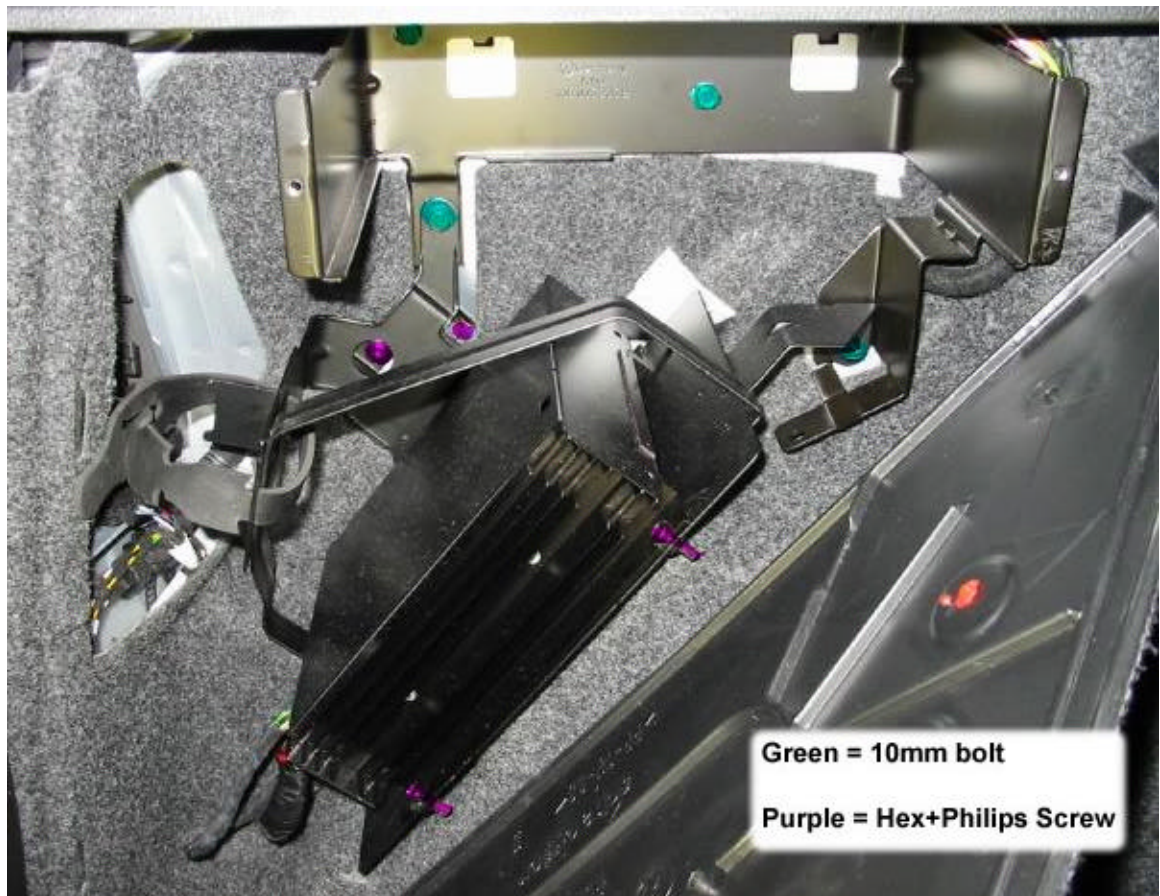5. Rear Stress Bar

Procedure:
1. Remove rear package shelf and rear headrests then fold seats forward

2. Remove rubber bump (purple) stops for seat (**see exhibit A2**)

A2.

3. *If vehicle is not fitted with a CD changer and Amp skip to step 4. (This procedure does not include the removal of the CD Changer).* Remove the (2) Phillips head screws from the lower mounting chassis which holds the Amplifier. Slide the Amp out of the lower chassis and disconnect the wire harness. Now you will see two sets of bolts and screws which hold the Mounting chassis in place. (**see exhibit A3**) Remove the two Hex Screws holding the Amplifier Bin in place (Purple) and then remove the bin. Remove the (4) 10mm bolts (Green) holding the remainder of the Mounting chassis. Pull up and out on the Upper chassis to remove.

A3.

Green = 10mm bolt

Purple = Hex+Philips Screw

4. Follow this step for both passenger and drivers side. At the rear of the plastic package shelf ledge, pull back the carpet underneath above the taillight. This will expose (1) Hex screw, remove (**see exhibit A4**). Once removed pull up on the rear of the ledge to free the 3 retaining clips underneath. On the opposite side of the package shelf ledge, toward the passenger compartment, there is two clips that have to be released. Press in on the leading edge against the rear passenger arm rest. This will release the clips, once this is done swing the package shelf ledge 180°. Now you can see a mounting stud (Plastic) which has a compression clip. Use the tip of the Regular screw driver to compress the plastic retainers and pull up on the ledge and remove.
    Note -This is plastic, try not to force the screw driver into the plastic when compressing.

A4.

5. Pull back the carpet enough to access the seat belt housing. Make sure to pull the seat belt and wrap it on the seat back of the rear seat. This tension will be useful later.

6. Use the 17mm Socket to remove the Main Bolt holding the Seat Belt Housing. Once removed there is a T shaped Tab on the back side of the Housing. This will need to be removed or bent flush with the back of the Seat Belt Housing. Use the pair of pliers to bend it flush or bend the tab back and forth until it breaks free of the housing. Follow this procedure for both sides.

INSTALLATION

7. Place the Yarrowsport Upper stress bar in place. It is important to make sure the 17mm bolt is aligned properly before attaching the bar. Insert and tighten down snug, both 17mm & M6 10mm bolts for test fitment. (**see exhibit A5**)

   A5.

   After Test fitment, remove bolts and Reinstall Belt Reels; to do so unwind the belts from the housing first, then you will see the hole at the top of the seat belt housing.
   Insert the M6 10mm bolt and washer, through the top hole of the housing. Insert through the stress bar and finally through the seat belt mount on the vehicle. Now place a washer and nut on the back side then tighten the supplied M6 hardware snug using a Box end wrench and a 10mm socket.
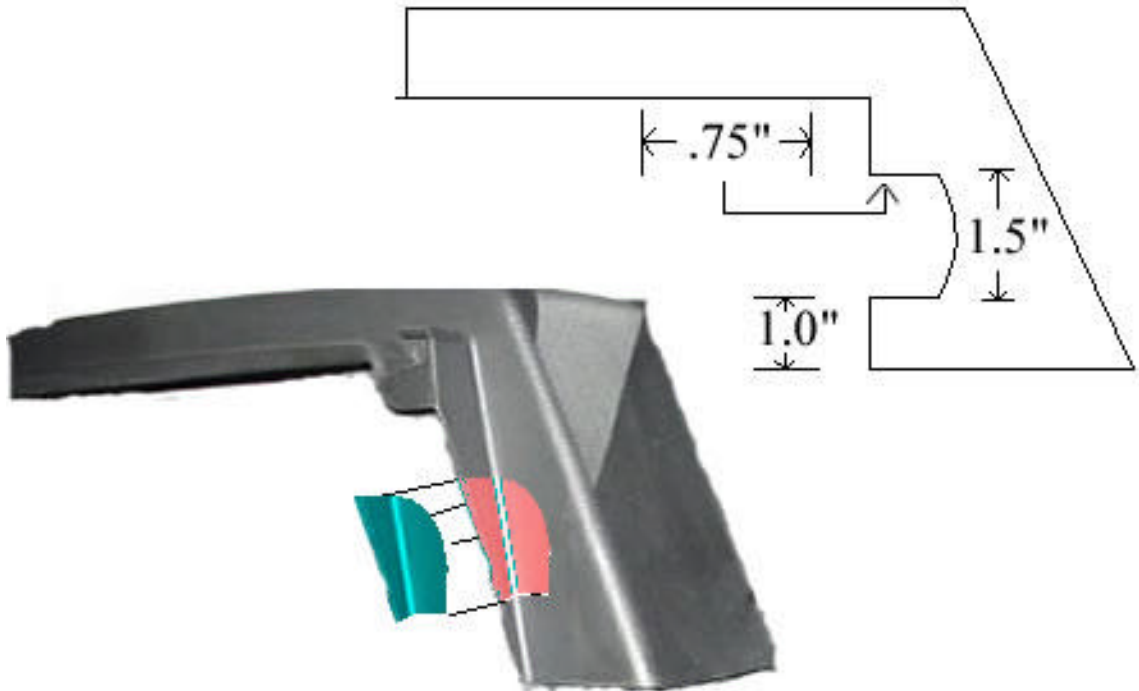
   Insert the 17mm bolt in the bottom hole for the seat belt housing. Tighten using a 17mm socket. **Do not torque them down yet.** Follow the procedure on the opposite side, and then torque both sets tight.

8. Reinstall the Carpet; some trimming of the carpet may be needed. Use a utility knife to cut a slit in the carpet. Take the side shelf package support ledge and test fit. Trim a small portion of the plastic using the utility knife and Tin Snips so that it does not interfere with the now installed stress bar. (**see exhibit A6 & Diagram A7 on next page**)

A6.

A7.

.75"

1.5"

1.0"

9. Follow procedure in reverse to reinstall removed components.

10. **Test drive and enjoy!**

Your finished installation should look similar to below!

JS™2003