

TB Performance Products

VW Torque Gusset Traction Bar Installation



Disclaimer: This is meant to be used as a guide. TB Performance Products and the writer of this guide is not responsible or liable for any injuries or damage. Install at your own risk. If you are unsure please seek a professional mechanic for installation help.

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Required Tools:

18mm Socket(standard or deep socket will work)

Ratchet

Jack/Stand, Lift or Ramps

Torque Wrench

Optional tools:

Additional 18mm socket and ratchet/18mm box wrench

T25 torx screwdriver

Breaker Bar

New LCA bolts to replace original TTY bolts.

Installation Time:

20min - 1hr

Note: When installing chassis braces it is best to perform the work when the suspension is loaded(has the cars weight on it). Using ramps or a 4 post lift is preferable for this installation. Though it can still be done on stands.

Note: If you need more space than your ramps provide to work, you can jack the car up to do the majority of the work, then lower it onto the ramps when it comes time to do the final tightening.

Installation Process:

1. Securely Raise car up, either through Jack/Stands or Ramps.

Optional: Remove the front belly pan with T25 torx screws, to give you some more room.

2. Using the 18mm socket/ratchet remove the 4 bolts circled in the picture below.



- a. The rear 2 bolts have nuts on the back end. They are locking nuts so you do not need to hold the back end to break them loose. Once loose though you will need to hold the nut to stop it from spinning. Using your hands is enough to

hold it. You can reach the bolt through the wheel well on the side of the control arm.

Optional: use an additional 18mm socket/wrench to hold the nut.

b. Picture of the top of the rear bolt's nut.



NOTE: These 4 bolts are the main connection points for your lower control arm(LCA). When they are out make sure not to pull or push on the LCA to keep it from moving and making it harder to feed the bolts back in.

3. With all 4 bolts removed, line the brace up to the holes, and reinsert the bolts. The TB Performance Products logo should be facing the front of the car and looking at the ground. You can install the bolts in any order.

a. Torque Spec on the bolts is 70 nm + 180°

b. Again on the rear bolts you will need to tread the nut on and hold it in place until it contacts the frame. Once it has contacted the frame the locking portion of the nut will hold it in place while you tighten.

Optional: use an additional 18mm socket/wrench to hold the nut.





Optional: Reinstall front belly pan if removed earlier.

4. Lower car, and enjoy.