



## INSTALLATION INSTRUCTIONS

300 W. Pontiac Way Clovis, CA 93612 toll free: 1-800-595-7016 web: www.stsuspensions.com

### 50237 FRONT ANTI-SWAYBAR VW R32

**Thank you for being selective enough to choose our high quality SUSPENSION TECHNIQUES PRODUCT. We have spent many hours developing out line of products so that you will receive maximum performance with minimum difficulty during installation.**

- Note: Confirm that all of the hardware listed in the parts list is in the kit. **DO NOT** begin installation if any part is missing. Read the instructions thoroughly before beginning this installation.
- Warning:** **DO NOT** work under a vehicle supported by only a jack. Place support stands securely under the vehicle in the manufacturer's specified locations unless otherwise instructed.
- Warning:** **DO NOT** drive vehicle until all work has been completed and checked. Torque all hardware to values specified.
- Reminder: Proper use of safety equipment and eye/face/hand protection is absolutely necessary when using these tools to perform procedures!
- Note: It is very helpful to have an assistant available during installation.

#### **RECOMMENDED TOOLS:**

- Properly rated floor jack, support stands, and wheel chocks
- Combination wrench set
- Ratcheting socket wrench and socket sets
- Safety Glasses

#### **KIT INSTALLATION**

1. Open the hardware kit and remove all of the contents. Refer to the part list (Page 2) to verify that all parts are present.
  2. Park the vehicle on a smooth, level concrete or seasoned asphalt surface and activate the parking brake. Block the REAR wheels of the vehicle with appropriate wheel chocks; making sure the vehicle's transmission is in 1<sup>st</sup> gear (manual) or "Park" (automatic).
  3. Using a properly rated floor jack, lift the front wheels of the vehicle off the ground. Place support stands, rated for the vehicle's weight, and in the factory specified locations. Refer to the vehicle Owner's Manual. Prior to lowering the vehicle onto the stands, make sure the supports will securely contact the chassis.
- ! It is very important that the vehicle is properly supported during this installation to prevent personal injury and chassis damage! Make sure that the supports stands are properly placed prior to performing the following procedures. We **DO NOT RECOMMEND** using wheel ramps while performing this installation.
4. Slowly lower the vehicle onto the stands and, before placing the vehicle's entire weight on them, again check that they properly and securely contact the chassis as described above. Check for possible interference with any lines, wires, cables, or other easily damaged components.

5. Remove the end links from the ends of the original equipment Anti-Sway Bar using an 18mm. Remove the bushing brackets as well using a 13mm. Note the position of the Anti-Sway Bar in the vehicle to ease in the installation of your new Suspension Techniques Anti-Sway Bar. (photos 1, 2)
6. Unclip brackets and remove bushings. (photo 2)
7. Position jacks under front sup-frame (engine). (photo 3)
8. Unbolt (4) bolts on engine sub frame (21mm). Prior to removing, mark lines for reference when reinstalling. (photo 4)
9. Remove bolts completely. (photo 4)
10. Remove engine bracket mounting bolts using a 17mm. (photo 5)
11. Remove splash guard mounts. (photo 6)
12. Remove original Anti-Sway bar from vehicle. (photo 7)
13. Thoroughly lubricate the **inside** of your new hyper thane bushings using a high-grade lithium or silicone-based grease with molybdenum disulfide (moly). Place the bushings onto the new Anti-Sway Bar. Refer to the original equipment Anti-Sway Bar as to the proper bushing location.
14. Fasten the new Anti-Sway Bar by reversing the instructions used to remove the factory Anti-Sway Bar from the vehicle. **(Clamp the bushing bracket to the vehicle using channel locks to assist in installation of the bushing bracket bolts.)**
15. Assemble the end links as shown in the diagram. Tighten the assembly until the grommets begin to bulge, but do not crush them.
16. Check that all components and fasteners have been properly installed, tightened and torqued.
17. Check brake hoses, steering and other components for any possible interference.
18. Lift vehicle and remove support stands. Carefully lower vehicle to ground.
19. Immediately test-drive the vehicle in a remote location so that you can become accustomed to the revised driving characteristics and handling. Be aware that the vehicle will handle substantially different now that it has been modified.
20. Installation is complete. Check all of the hardware and re-torque at intervals for the first 10, 100, 1000 miles.

### PARTS LIST FOR ANTI-SWAY BAR KIT

PART No.	DESCRIPTION	QTY.
50237-300	FRONT ANTI-SWAYBAR	1
50237-020	Pivot Bushing	2
55000-10	Grease Pack	1





