



# Installation Instructions

## **Anti-Sway Bars**

Volkswagen

Golf R32, Mk5

Golf R, Mk6

Passat 4Motion, B6

CC 4Motion

### Thank You!

You were selective enough to choose a ST Suspensions product. We have spent many hours developing our 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. OE is an abbreviation for Original Equipment.
- 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
- Socket wrench set
- Safety Glasses

<b>Vehicle Type</b>	<b>Volkswagen:</b> <b>Golf R32, Mk5</b> <b>Golf R, Mk6</b> <b>Passat 4Motion, B6 (including wagon)</b> <b>CC 4Motion, 3CC</b>
Front & Rear Sway Bars	52303
Front Sway Bar	50303 – 1" (25mm) hollow
Rear Sway Bar	51303 – 7/8" (22mm) hollow

### PARTS LIST

#### Front:

Quantity	Description	Part No.
1	Front Sway Bar with bushing & bracket	53050014-400

#### Rear:

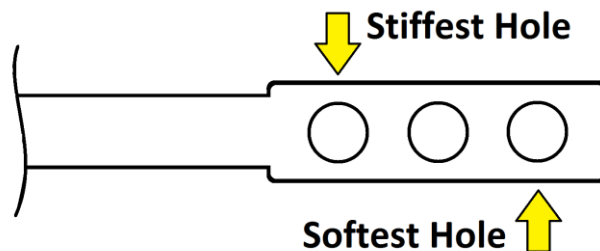
Quantity	Description	Part No.
1	Rear Sway Bar	53050514-300
2	Pivot Bushing	113205
2	Pivot Bushing Bracket	114020-95

## 1) PREPERATION

1. Park the vehicle on a smooth, level concrete surface and activate the parking brake. Block the 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). Block the front wheels for rear sway bar installation or block the rear wheels for front sway bar installation.
2. Using a properly rated floor jack, lift the one end of the vehicle off the ground that you will be performing the installation on. 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.
3. 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.
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.

## 2) FRONT INSTALLATION

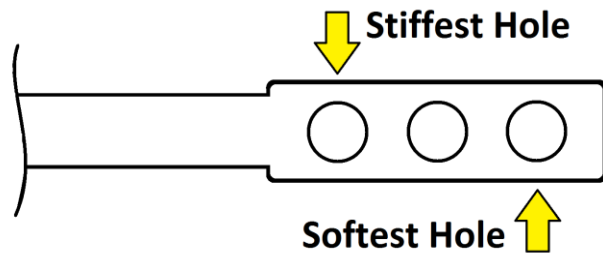
1. Remove the original sway bar per factory specification.
2. Install the ST sway bar in the original location on the vehicle. Select the hole on the sway bar for the end link. We suggest starting with the softest hole setting, which is still stiffer than the original sway bar. See diagram.
3. Install the end link onto the ST sway bar. Reinstall in reverse order from step 1. Torque all fasteners to OE specification. The new bushing requires no additional grease or lubrication.



## 3) REAR INSTALLATION

1. Remove the original sway bar per factory specification.
2. Install the new ST pivot bushings onto the ST sway bar in the appropriate location. If your hardware pack was not supplied with grease, your bushings are self-lubricating and require no additional grease or lubrication.

3. Install the ST sway bar onto the vehicle using the new ST pivot bushing brackets. Torque mounting bolts to OE specification. Wipe off any excess grease. Select the hole on the sway bar for the end link. We suggest starting with the softest hole setting, which is still stiffer than the original sway bar. See diagram.



4. Check that the sway bar would not contact any suspension arm or axle while in use.

#### 4) **FINALIZATION**

1. Go over the entire installation procedure and make sure all appropriate hardware is properly tight & torqued to OE specification. Install the wheels and lower the vehicle to the ground.
2. Check brake hoses, steering and other components for any possible interference.
3. Installation is complete. Check all of the hardware and re-torque at intervals for the first 10, 100, 1000 miles.
4. Test drive your vehicle carefully to become familiar to the change in handling.

Thank you for your purchase of ST sway bars!

