SC SUSPENSIONS

Installation Instructions

Anti-Sway Bars

Ford
Mustang Coupe & Convertible (S550)

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

Vehicle Type	Ford: Mustang, Coupe & Convertible - all engines (S550)
Front & Rear Sway Bars	52030055
Front Sway Bar	53050055 – 1-3/8" (35mm)
Rear Sway Bar	53050555 – 1" (25mm) hollow

PARTS LIST

Front:

Quantity	Description	Part No.
1	Front Sway Bar	53050055-300
2	Bushing Bracket	114044-95
2	Bushing	113110
1	Grease	55000-10

Rear:

Quantity	Description	Part No.
1	Rear Sway Bar	53050555-300
2	Bushing	113165
2	Bushing Bracket	114032-95
1	Grease	55000-10
2	Spacer	2005-007-95

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 1st 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 front wheels.

2. Remove the small panel with 2 clips on the driver's side just next to the anti-sway bar bushing.

3. Remove the nuts securing the end links to the anti-sway bar and withdraw the end links.

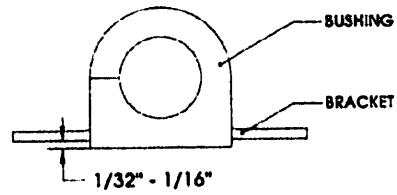
4. Remove the 4 bolts holding the anti-sway bar bushings to the chassis.

5. Some models have the original bushings and bracket permanently attached to the sway bar. If your model does not, remove them for easier anti-sway removal.

6. Note the end shape and placement of the anti-sway bar and withdraw from the vehicle to either side, be careful to not damage the radiator or the drive belts.

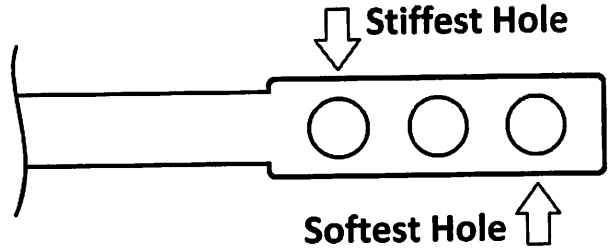
7. Determine the proper direction of the new ST anti-sway bar and place in the vehicle approximately where it will be mounted.

8. Check the fit of the bushings onto the brackets and sand the bottom of the bushings if needed with a power sander until 1/32"-1/16" gap is achieved. See photo.



9. Apply the supplied grease to the ST bushings and install on the anti-sway bar.

10. Place the ST bushing brackets over the bushings and secure them with the original bolts. Wipe off any excess grease.



11. 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. Install the end link with the original nuts.

12. Install the small panel on the driver's side near the anti-sway bar bushing. On some models it may not fit correctly with the new ST anti-sway bar. In this case, either trim the panel to fit correctly or omit this from the vehicle.

13. Reinstall the front wheels.

3) REAR INSTALLATION

1. Remove rear wheels.

2. Remove the end link nuts and withdraw the end links from the anti-sway bar.

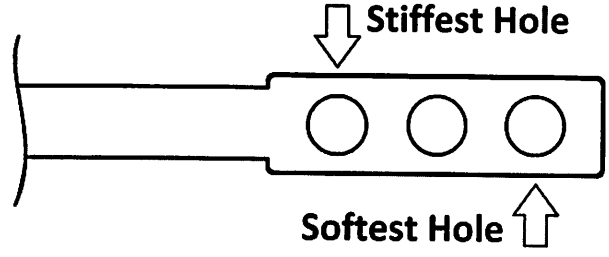
3. Remove the bolts securing the bushing brackets to the chassis.

4. Remove the original anti-sway bar from the vehicle to either side.

5. Apply the supplied grease to the ST bushings and place them just outside the locating rings on the ST anti-sway bar.

6. Place the ST anti-sway bar into the original position and install the ST bushing brackets over the bushings. Using the original bolts for the brackets, center the bracket in its location and tighten to original spec. Wipe off any excess grease.

7. 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.



8. If you have selected the softest hole, use the original nuts and fasten the end link along with the brake line bracket to the anti-sway bar. If you have selected the middle or stiffest hole, use the supplied spacer in between the anti-sway bar and the brake line bracket when fastening the end link nut.

9. Reinstall the rear wheels.

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.

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