



INSTALLATION GUIDE

PART NUMBER: 50055
FRONT ANTI-SWAY BAR
FORD MUSTANG | 1994-2004

300 W. PONTIAC WAY. CLOVIS, CA 93612
PHONE: 800-445-3767 | EMAIL: INFO@STSUSPENSIONS.COM

THANK YOU

Thank you for choosing our high-quality ST Suspensions product. We have spent a great deal of time developing our line of products so that you will receive maximum performance with minimal difficulty during installation. Soon your vehicle will be on the road looking and feeling much improved.

Please take a moment to read all instructions and warnings prior to the installation of your new ST Suspensions product and before operating your vehicle. For any questions or concerns regarding the steps in the installation process, please do not hesitate to call or email our customer support team who are trained to help you through any portion of this process.

Before You Begin:

It is of the utmost importance that you confirm all the components listed on the parts list are in the kit. You can find this list located on the last page(s) of your instructions. Do not begin installation if any part is missing. Instead, please call our customer service specialists.

Customer Support:

Phone: 1-800-445-3767

Email: info@stsuspensions.com

Safety Information:

Warning: Do not work under a vehicle supported only by a jack. Place support stands securely under the vehicle in the manufacturer's specified locations unless otherwise instructed.

Proper use of safety equipment and eye/face/hand protection is absolutely necessary when performing any of the following instructions.

We strive for an exceptional experience for all our valued customers. If for any reason you need assistance with your ST Suspensions products, please do not return the product to the store you purchased from, but rather call our dedicated customer service experts, from 7am to 5pm PST.

We recommend that a qualified mechanic, at a properly equipped facility, perform this installation.

It is very helpful to have an assistant available during installation.

Before Driving Your Vehicle:

It is important to double check all brake hoses, cables, and other components to be sure there is no interference. You must also check for wheel/tire to chassis/body interference. If any issues are found, review your installation instructions to be sure no steps were missed, and any problems are corrected.

Make sure your vehicle is aligned immediately following installation.

Check all hardware and re-torque at intervals for the first 10, 100, and 1000 miles.

Any changes in your vehicle's suspension may result in transformed handling. Please test-drive your vehicle in a remote location so you can become accustomed to the revised driving characteristics.

Perform headlight check and adjustment.

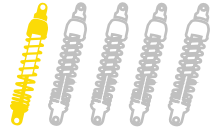
Failure to drive any modified vehicle in a safe manner may result in harm or death.

Never operate your modified vehicle under the influence of drugs, alcohol, or lack of adequate sleep.

Always wear your seatbelt.



DIFFICULTY:



INSTALLATION TIME: 1 Hour

RECOMMENDED TOOLS:

- Properly rated floor jack
- Support stands
- Wheel chocks
- Metric socket wrench set
- Metric wrench set
- Safety glasses
- Torque wrench rated up to 100 ft lbs.

JACKING, SUPPORTING, AND PREPARING THE VEHICLE

1. Park your vehicle on a smooth, level, concrete, or seasoned asphalt surface.
2. Block the rear wheels of the vehicle using wheel chocks. Make sure the vehicle's transmission is in "PARK" (automatic) or first gear (manual).
3. Activate the parking brake.
4. Lift the front of the vehicle off the ground using a properly rated floor jack. Lift the vehicle so the front tires are approximately 6-8 inches off the ground.
5. Place support stands rated for the vehicle's weight. The stands must be positioned in the factory specified locations. (Refer to the owner's manual). Prior to lowering the vehicle onto stands, make sure the support stands will contact the chassis. It is very important that the vehicle is properly supported to prevent any harm to oneself or to the vehicle.
6. Lower the vehicle slowly onto the stands.



Technician reminder:

Never work under a vehicle supported only by a jack. It is necessary to place support stands securely under the vehicle in the manufacturer's specified locations unless otherwise instructed.

ORIGINAL SWAY BAR REMOVAL

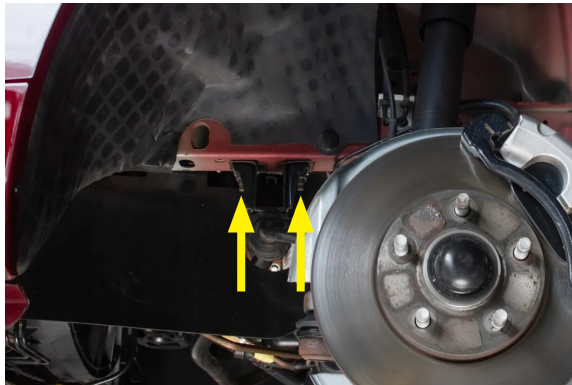
7. Remove the 15mm nuts that secure the end links to the control arms and sway bar. Detach both end link assemblies from the vehicle.



8. Remove the rear pushpins that hold the splash shield to the chassis. Move the shield to each side of the sway bar.



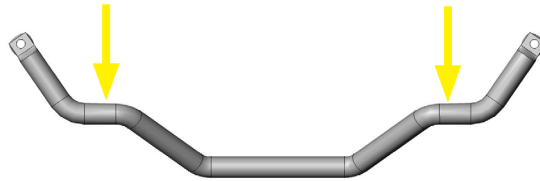
9. Remove the four 16mm pivot bushing nuts to detach the sway bar from the vehicle. The original bushing brackets and nuts will be used on the new ST sway bar.



10. With the sway bar removed, clean the mounting surfaces at the chassis and controls arms.

ST SWAY BAR INSTALLATION

11. Thoroughly lubricate the inside of the supplied pivot bushings using the grease packet included with the kit.
12. Place the bushings on both sides of the ST sway bar, near the position of the original sway bar. Once located, rotate the bushings slightly to evenly spread the lubricant. Place the original bushing brackets over the bushings.



13. Place the ST sway bar on the chassis mounts and fasten the original pivot bushing brackets with the original nuts. Do not torque yet. Ensure the arms of the sway bar are resting over the control arms before fastening the hardware.



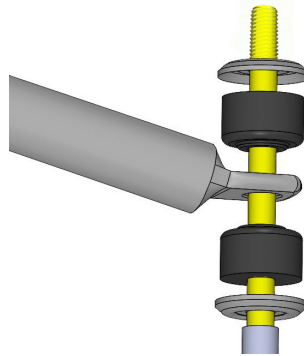
ST SWAY BAR INSTALLATION CONTINUED



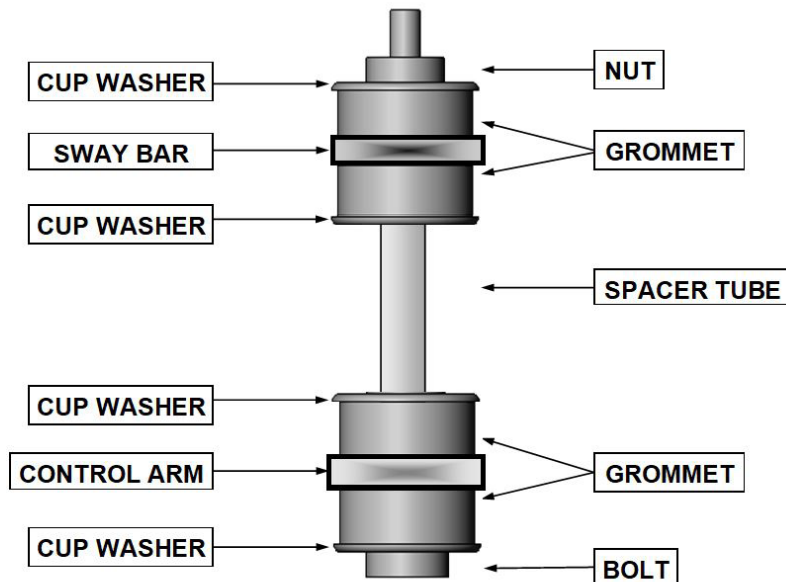
Technician note:

Stock height vehicles will use the 9" long bolts and 4.50" spacer tubes.
Lowered height vehicles will use the 8" long bolts and 3.50" spacer tubes.

14. Assemble the end links through the ends of the ST sway bar, as shown in the diagram.



15. The end links must be assembled through the lower control arms and the ends of the new ST sway bar as shown in the diagram below.



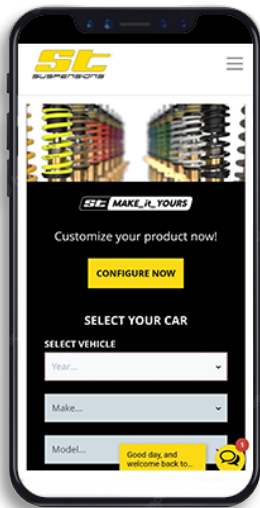
16. Fasten the end link assemblies to lower control arms. Tighten the end link nuts to the point where the spacer tube can still be forced to rotate on the bolt by hand, but the rubber grommets should not be able to rotate by hand.
17. Torque the four pivot bushing bracket nuts to 52 ft lbs.
18. Attach the splash shield to the chassis with the original pushpins.

FINALIZING THE INSTALLATION

19. Lift the vehicle and remove the support stands.
20. Carefully lower the vehicle onto flat ground.
21. Check that all components and fasteners have been properly installed and torqued.
22. Read and perform all tasks in the “Before Driving Your Vehicle” section of page 1 of your instructions.

THANK YOU FOR CHOOSING ST SUSPENSIONS.

You are now a part of the ST family, and we are eager to catch a glimpse of your newly modified vehicle. Give us a shout out and let us know how much you love our product. Don't forget, we offer other ST related merchandise for you and your vehicle on our website www.stsuspensions.com



STsuspensionsUSA



KW automotive



@st_suspensions

If you have any questions, concerns, or warranty related issues regarding your ST Suspensions product, please call or email our experienced customer service specialists.

Customer Support:

Phone: 1-800-445-3767

Email: info@stsuspensions.com

KIT CONTENTS



SWAY BAR KIT		
Part number	Description	Qty
50055-300	1-3/8" FRONT SWAY BAR	1
50055-777	HARDWARE KIT	1

HARDWARE KIT		
Part number	Description	Qty
110255	3/8"-16 NYLOC NUT	2
112144	3/8"-16 X 8" BOLT	2
112148	3/8"-16 X 9" BOLT	2
112502	CUP WASHER	8
113000	END LINK GROMMET	8
112430-95	3.50" SPACER TUBE	2
112438-95	4.50" SPACER TUBE	2
50050-020	1-3/8" PIVOT BUSHING	2
55000-10	WHITE LITHIUM GREASE	1



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