



INSTALLATION GUIDE

PART NUMBER: 51040
REAR ANTI-SWAY BAR
FORD MUSTANG | 1979-2004

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 of the components listed on the parts list is 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.

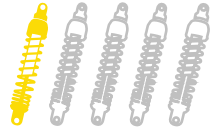
Failure to drive any modified vehicle in a safe manner may result in harm or death.

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 and standard socket wrench set
- Metric and standard 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 front 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. Loosen, but do not remove, the rear wheel lug nuts.
5. Lift the rear of the vehicle off the ground using a properly rated floor jack. Lift the vehicle so the rear tires are approximately 6-8 inches off the ground.
6. 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.
7. Lower the vehicle slowly onto the stands.
8. Remove the rear wheels.



Technician reminder:

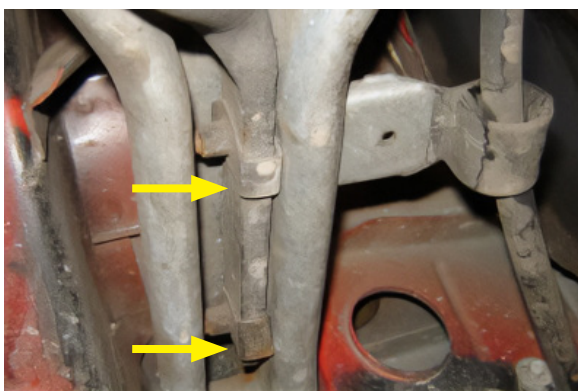
Never work under a vehicle supported only by a jack. It is necessary to place support stands securely under the vehicle in the manufacturer's specified locations unless otherwise instructed.

ORIGINAL SWAY BAR REMOVAL

9. Locate and remove the four 15mm bolts that secure the original sway bar to the trailing arms. To remove the bolts that hold the emergency brake cable brackets, you may need to pull the ABS cable off the bracket first. Detach the sway bar from the vehicle.

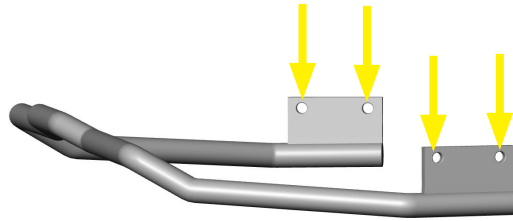


10. Remove the four speed nuts off the original sway bar to use on the new Belltech sway bar.



ST SWAY BAR INSTALLATION

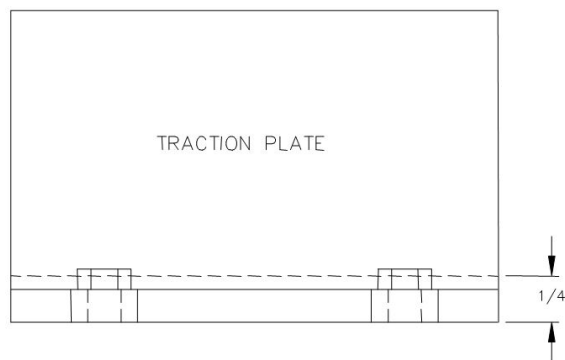
11. Use a helper or a floor jack to hold the new Belltech sway bar in position.
12. Place the original speed nuts over the bolt holes on the Belltech sway bar.



13. Place the Belltech sway bar ends onto the trailing arms, in the same position as the original sway bar. Fasten the sway bar and the brake cable brackets with the original bolts. Torque to 41 ft lbs.



14. If traction plates were removed from the vehicle, the plates can be used with modification for clearance. Refer to the diagram below and cut or grind the nuts in half. Use short mounting bolts or shorten the original bolts. If the bolts are replaced, use grade 8 bolts. Add thread-locking compound when fastening the bolts.

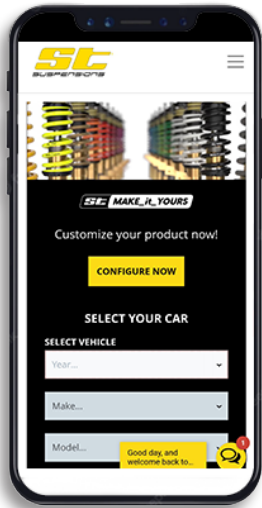


FINALIZING THE INSTALLATION

15. Mount the wheels and tighten the lug nuts
16. Lift the vehicle and remove the support stands.
17. Carefully lower the vehicle onto flat ground.
18. Torque the lug nuts to 95 ft lbs.
19. Check that all components and fasteners have been properly installed and torqued.
20. 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 suspensions 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 suspensions 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
51040-300	15/16" REAR ANTI-SWAY BAR	1



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