



Installation Instructions

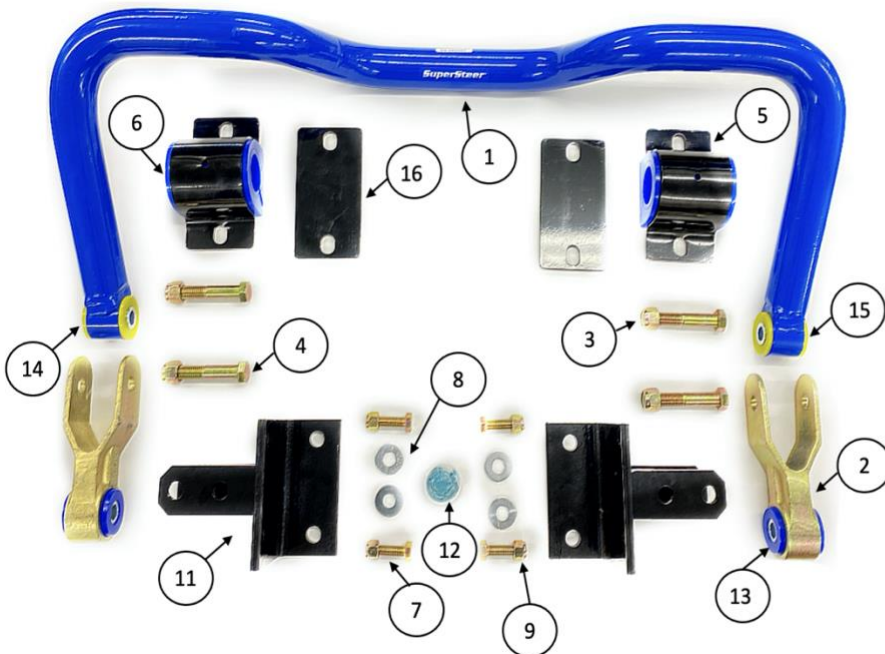
Rear Sway Bar - Part# SS102

This part fits Ford F53 V10 Chassis 2009 -2020 / GVWR 24k & 26K

Thank you for purchasing this anti-sway bar kit. This kit is designed to improve the handling characteristics of your Ford F53 by reducing the body roll and balancing the weight transfer during cornering. The anti-sway bar kit is engineered for long life and trouble-free performance. All the hardware needed for installation is included in this kit. **Installation time is 2 hours**

A qualified mechanic using normal automotive tools and following all safety measures known, should perform installation of this product.

SS102 REAR SWAY BAR PARTS LAYOUT



ITEM	QTY	DESCRIPTION
1	1	Anti-sway bar, 1-3/4"
2	2	Heavy Duty Shackle
3	4	1/2" NC Locknut
4	4	* 1/2 -13 x 1 2" BOLT - GRADE 8
5	2	Bracket, U-clamp
6	2	Bushing, split poly
7	4	Bolt, 1/2" x 1-3/4"
8	8	Washer, 1/2"
9	4	Bolt, 5/8" x 4"
10	4	Nut, 5/8"
11	2	Brackets left and right
12	1	Aqualube Grease
13	4	Shackle Bushing
14	4	Sleeve
15	4	Bar Bushing
16	2	Clamp Spacer

*Torque spec on these bolts is 85 lbs.

Installation Instructions for Part #SS102 – Rear Sway Bar

A. Preparation

Move the coach to a level, flat surface and set the brakes or you may drive the coach over a work pit and chock the front wheels. Block off adequate space at the front of the coach to work.

1. Remove the parts from the box and match it with the parts list.

- Make sure that the kit has all the parts shown on the parts list on page 1.

2. Apply parking brake.

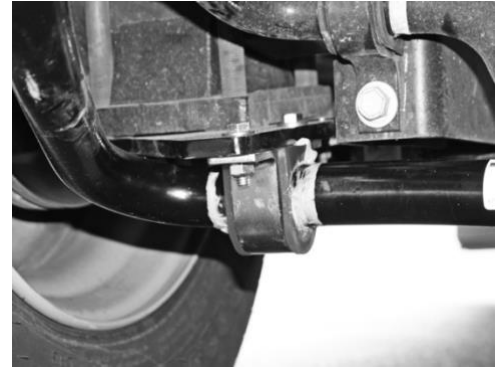
- The following procedures can be done with the wheels of the vehicle on the ground.
- Locate U-bolts holding springs to axle.

3. Remove the factory anti-sway bar.

This kit is designed to replace the factory anti-sway bar.

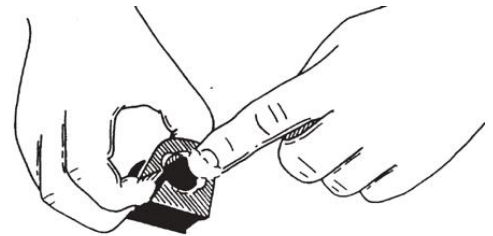
4. Install the saddle brackets and bushings on the anti-sway bar.

- Lubricate the inside of the split bushings with the provided lubricant (See photo). Install the bushings on the anti-sway bar near the arms. Slide the saddle brackets over the split bushings.



5. Install the anti-sway bar assembly to the axle housing

- Lift the anti-sway bar assembly into position so that the saddle bracket holes align with the flat plate holes. Use the provided bolts, washers and nuts to attach it. Tighten to 35-45 ft.-lbs. Install u-clamp spacers under saddle bracket and install bolts.



6. Locate shackles and fasteners.

Attach shackle to the anti-sway bar end with the provided bolts and nuts. Do not tighten yet. Using the provided bolts and nuts attach the hanger bracket to the top of the shackle.

7. Locate and drill the shackle bracket mounting points.

Rotate the sway bar up and hold the shackle bracket against the bottom of the frame rail. Locate the shackle bracket so that the shackle is vertical with the vehicle at normal ride height. Use a clamp or locking pliers to hold the bracket in place. Check the inside of the frame rail for wiring, brake lines or other obstructions and relocate before drilling. Using the pre-existing holes in the shackle bracket as template, drill two 1/2" holes through the frame rail of the vehicle. Bolt the shackle brackets to the frame rail using the provided 1/2" bolts, washers and nuts. Use washers on both the outside of the shackle bracket and the inside of the frame rail. Torque to 57 lb-ft.

8. Finally, tighten the shackles.

Tighten the 5/8" upper and lower shackle bolts to 30-45 lb-ft. Recheck all other fasteners for proper torque (Figure 4).

9. Test drive and re-inspect installation. (Make sure to listen for any unusual noises.)

BOLT TORQUE REQUIREMENTS

STANDARD BOLTS

<i>Thread</i>	<i>Grade</i>	<i>Torque</i>
3/8.....	5.....	30 lb-ft
7/16.....	5.....	50 lb-ft
1/2.....	5.....	75 lb-ft
5/8.....	5.....	140 lb-ft

U-BOLTS

<i>Thread</i>	<i>Torque</i>
3/8-24	35 lb-ft
1/2-20	70 lb-ft
5/8-18	140 lb-ft
3/4-16	250 lb-ft
7/8-14	400 lb-ft

Note: Torque values are intended as general guidelines. SuperSteer does not warrant this information to be accurate for all applications and disclaims all liability for any claims or damages which may result from its use.



- ⚠ **WARNING:** After road testing, re-check all fasteners for proper tightness — if a fastener has worked loose or fallen off, re-tighten or replace it. Without all kit components properly tightened or in place the anti-sway bar will not stabilize the vehicle at full capacity, which may cause reduced cornering ability or other reduction in vehicle handling or performance. **Failure to follow these instructions may result in property damage, personal injury or even death.**
- ⚠ **WARNING:** The SS-102 anti-sway bar is not a load-bearing component! Do not tow or hoist the vehicle using the anti-sway bar or its mounting brackets as attachment points. The anti-sway bar is not designed to carry the weight of the vehicle and may collapse, which will damage the anti-sway bar components, the suspension, or other components. The vehicle will detach or fall, which may cause severe personal injury. **Failure to follow these instructions may result in property damage, personal injury or even death.**

Your comments are greatly appreciated.
Please feel free to contact *SuperSteer*[®] at
888-898-3281 or e-mail at sales@supersteerparts.com

LIMITED LIFETIME SUPERSTEER WARRANTY

1. WARRANTY

1a. WARRANTY OF CONFORMITY AT TIME OF SALE

SUPERSTEER warrants that at the time of sale of this product it will be free from defects in material and manufacture and will conform to SUPERSTEER'S specifications for the product.

1b. CONDITIONAL LIMITED LIFETIME WARRANTY

In addition to the preceding time-of-sale warranty, if the product registration card is completely and accurately filled out and mailed to SUPERSTEER within thirty (30) days of purchase, SUPERSTEER will provide a Limited Lifetime warranty after sale the product will remain in good working order, PROVIDED THAT the product is installed and maintained in accordance with SUPERSTEER'S instructions and is not subjected to: (a) alteration or unauthorized repairs or repairs by anyone other than SUPERSTEER or a SUPERSTEER -authorized service center, (b) misuse, abuse, commercial use, or improper maintenance, (c) Acts of God (including without limitation hurricanes, tornadoes, floods, or other severe weather or natural phenomena), (d) failures due to products not supplied by SUPERSTEER, or (e) other treatments, uses, or installations for which the product was not intended. This warranty extends only to the first retail purchaser-consumer of the product and is not transferable.

EXTENDED WARRANTY PERIOD: If SUPERSTEER receives the product registration card, completely and accurately filled out, within twenty (20) days of purchase, SUPERSTEER will enlarge the one-year warranty period in the preceding paragraph to a period of two years.

2. DISCLAIMER OF OTHER WARRANTIES

The preceding warranties are the exclusive and sole express warranties given by SUPERSTEER. They supersede any prior, contrary or additional representations, whether oral or written. No agent, representative, dealer or employee has the authority to alter or increase the obligations or limitations of this warranty. Any implied warranties, including the WARRANTY OF MERCHANTABILITY and any WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, are limited in duration to thirty days or the term of the applicable express warranty provided above, whichever is longer. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

3. EXCLUSIVE REMEDY FOR ANY NONCONFORMITIES

If during the applicable Warranty Period, the product does not conform to the preceding Warranties, notify SUPERSTEER as provided below, and within a reasonable time SUPERSTEER will provide, at its option, one of the following: (1) replacement components for any nonconforming or defective product or components or (2) the percentage of the purchase price for the nonconforming product equal to the percentage of the Warranty Period remaining when SUPERSTEER is notified of the nonconformity. SUPERSTEER will, at its option, (a) use new and/or reconditioned parts in performing warranty repairs and making replacement products, (b) use parts or products of original or improved design in the repair or replacement. If SUPERSTEER repairs or replaces a product, its warranty continues for the remaining portion of the original Warranty Period or 60 days from the date of the return shipment to the customer, whichever is greater. All replaced products and all parts removed from repaired products become the property of SUPERSTEER. SUPERSTEER will not provide, and will not be liable for, labor, costs of removal or reinstallation of components, disposal, shipping, freight, taxes, or other incidental charges.

4. DISCLAIMER OF INCIDENTAL AND CONSEQUENTIAL DAMAGES

For any breach of warranty, the Owner must telephone SUPERSTEER at 1-888-898-3281 within thirty (30) days after discovering the nonconformity. Do not return any product without first calling SUPERSTEER and getting a return authorization number. Returned products must include the return authorization number and a copy of the original invoice, bill or other proof of the date of purchase. The date of purchase must coincide with the original warranty registration card on file. SUPERSTEER will authorize (a) shipment of the product to SUPERSTEER or (b) repair or replacement at the nearest warranty service center—in both cases with shipping at your expense. Do not purchase replacement parts or pay for repair labor—you will not be reimbursed. Compliance with the requirements of this paragraph is a condition to coverage under the Warranty: if these requirements are not complied with, SUPERSTEER will have no obligation to provide any remedy for any breach of warranty.

4. DISCLAIMER OF INCIDENTAL AND CONSEQUENTIAL DAMAGES

IN NO EVENT SHALL SUPERSTEER BE LIABLE FOR ANY INCIDENTAL, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES, WHETHER RESULTING FROM NONDELIVERY OR FROM THE USE, MISUSE OR INABILITY TO USE THE PRODUCT OR FROM DEFECTS IN THE PRODUCT.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

5. APPLICABLE LAW

This Warranty will be interpreted, construed, and enforced in all respects in accordance with the laws of the State of Washington, without reference to its choice of law rules. The U.N. Convention on Contracts for the International Sale of Goods will not apply to this Warranty.

6. SEVERABILITY

If any provision of this warranty is found to be invalid or unenforceable, then the remainder shall have full force and effect, and the invalid provision shall be partially enforced to the maximum extent permitted by law to effectuate the purpose of the agreement.

7. ADDRESS FOR NOTICES TO SUPERSTEER

SuperSteer, 458 Redwood Hwy, Grants Pass Oregon 97527

This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.