



Installation Instructions for: SS701 Rear Trac Bar

This product is designed to eliminate the side shift of the rear axle on the Dodge/Mercedes-Benz/ Freightliner, 2007 and newer 3500 2wd Dual Rear Wheel Sprinter chassis. It will also fit 2019 and newer 4wd/AWD 3500 Dual Rear Wheel Sprinter chassis.

Check for clearance behind rear axle. Components installed by coach builder such as propane tank/lines, generator, hydraulic jack motor, and other items may prevent installation of this product.

Will NOT fit if airbags are installed on rear suspension. Exhaust must exit in front of the rear axle. If not, tailpipe must be modified to provide clearance.

If Hellwig rear anti-sway bar with non-OEM saddle brackets is installed and/or if aftermarket lower bump stop block brackets are installed, different fasteners may be required than what are included in this kit. Refer to Installation section for details.

Installation time is 1-2 hours

*A qualified mechanic using normal automotive tools and following all safety measures known should perform installation of this product. Components are shown below:



ITEM #	DESCRIPTION	QTY
1	SS400-1 ROD ASSEMBLY	1
2	JAM NUT – ¾ 16 UNF	1
3	ROD END ASSEMBLY	1
4	C003034 TRAC BAR BRACKET	1
5	SS519-5 SPACER	1
6	B635 AXLE BRACKET	1
7	SS725-5 SPACER PLATE	1
8	BOLT – ¾ X 4 ½ 16 UNF	1
9	BOLT – ¾ X 3 16 UNF	1
10	TOPLOCK NUT – ¾ 16 UNF	2
11	FLAT WASHER – ¾	4
12	FLAT WASHER – ½	4
13	BOLT – 12X100X1.5MM	4
13A	BOLT – 12X90X1.5MM	4

ITEM #	TORQUE (FT-LBS)
2	100-150
8-9	120-150
13(A)	80-85

A. Preparation

Move the coach to a level, flat surface. If necessary, drive the rear wheels of the coach onto 4" high blocks 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 rear of the coach to work.

B. Installation

Loosen all 4 bolts that hold the sway bar saddle clamp brackets to the axle housing. Remove two bolts on passenger side and be sure to save these for later use. Leave the bolts loosely installed on the driver side, to hold the bar in place.

Slide the axle bracket (**B635**) in between the axle and the passenger side sway bar saddle bracket. Use 2 of the supplied 12x100x1.5 mm (12X90X1.5 mm if the 100 mm bolt is too long) bolts with Loctite to bolt everything to the sway bar mount as seen in **Fig A**.

Do the same on driver side using the sway bar spacer plate (**SS725-5**) as seen in **Fig. B**. Torque all 4 bolts to 80-85 FT-LBS of torque. In cases where there are spacer plates already included between the saddle brackets and axle, omit those spacers and install only the B635 Bracket and SS725-5 Spacer between the saddle brackets and axle as described above.

Note: Saddle bracket design varies on the Sprinter chassis, with some taller than others. Please ensure that the selected bolts provide adequate thread engagement to the weld nuts on the axle housing.

If coach is equipped with Hellwig rear sway bar and non-OEM style saddle brackets, then 12x35x1.5 Allen head bolts (not included except by special request) will be required rather than the supplied 12x90 or 12x100mm bolts.

12x110x1.5mm bolts may be required on coaches with Hellwig-supplied machined aluminum saddle brackets, and/or in cases where aftermarket brackets are used to secure the lower bump stop blocks in place. These will only be included in the kit by special request.



Loosely install **SS400-1** Trac Bar Rod Assembly (non-adjustable end) to rearward side of **B635** axle bracket with (long) 3/4"x 4" bolt, flat washer, thru rod end, then **SS519-5** spacer. Head of bolt should face rear of coach with washer between bolt head and trac rod bushing, and top lock nut on front side of the **B635** axle bracket as seen in **Fig. A**.

Note: Trac bar rod must be installed to **B635** bracket before **C003034** trac bar bracket is installed, otherwise bolt will not clear.

Remove the top sway bar endlink bolts and nuts (discarding the bolts but saving the nuts) and install the trac bar bracket (**C003034**) using 2 of the OE sway bar axle bracket bolts and the 2 saved sway bar endlink nuts as seen in **Fig B** and tighten to 80 FT-LBS of torque.

If equipped with Hellwig bar and non-OEM saddle brackets, then use the supplied 12x90x1.5mm bolts to secure the **C003034** bracket.

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Adjust the trac bar rod end to the proper length on the driver side and install the $\frac{3}{4}$ " x 3" (short) bolt with flat washers and top lock nut to the **C003034** trac bar bracket as seen in **Fig C** below. Torque the $\frac{3}{4}$ inch bolts and nuts to 120-150 FT-LBS and the trac bar jam nut to approximately 100-150 FT-LBS.



C. Follow Up

Double-check the fasteners to make sure all are properly torqued. Test drive. Re-check torque in 6 months.

Please make sure to visit **SuperSteerParts.com** and fill out your warranty registration.

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 is completely and accurately filled out at supersteerparts.com 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.

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 Oregon, 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