



Installation Instructions for SS701 Rear Trac Bar

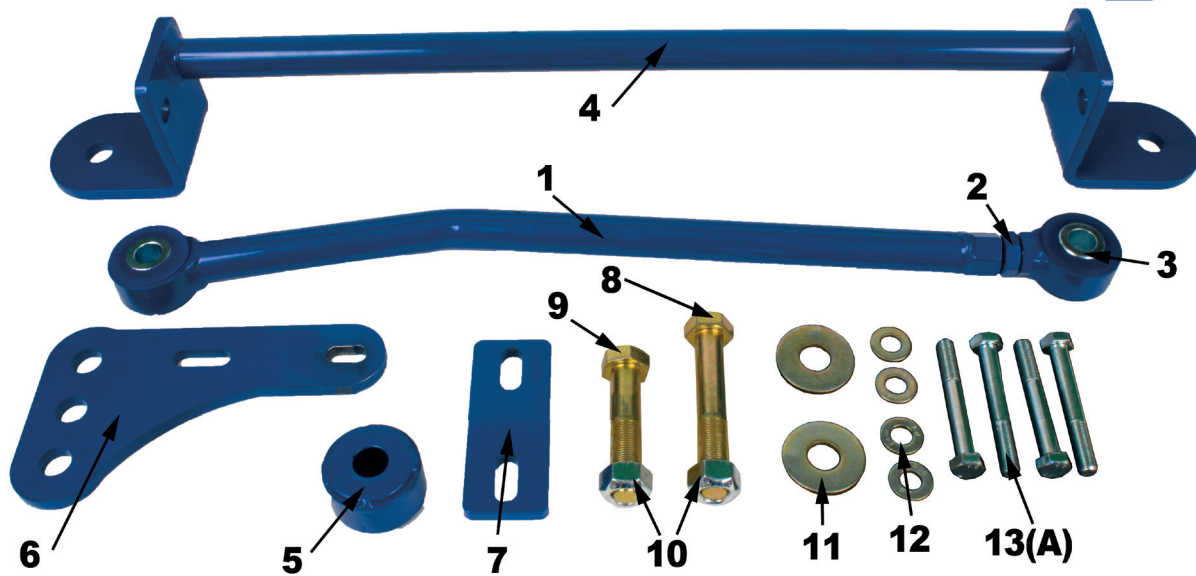
This product is designed to eliminate the side shift of the rear axle on the Dodge/Mercedes-Benz/
Freightliner, 2007 to 2015 3500 Sprinter class C motorhomes.

Exhaust must exit in front of the rear axle. If not, modification of the exhaust must be performed.

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:

SS701 Trac Bar Parts Layout



ITEM #	DESCRIPTION	QTY
1	SS400-1 ROD ASSY	1
2	JAM NUT – 3/4 16UNF	1
3	ROD END ASSY	1
4	C003034 TRAC BAR BRACKET	1
5	SS519-5 SPACER	1
6	B635 AXLE BRACKET	1
7	SS400-5 SWAY BAR SPACER PLATE	1
8	BOLT – 3/4X4 1/2 16 UNF	1
9	BOLT – 3/4X3 16 UNF	1
10	TOPLOCK NUT – 3/4 16UNF	2
11	FLAT WASHER – 3/4	2
12	FLAT WASHER – 1/2	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 sway bar bolts that hold the sway bar to the axle housing. Be sure to save at least 2 of these bolts for use later.

Slide the axle bracket (**B635**) in between the sway bar mount and the sway bar bracket. Use 2 of the supplied 12x100x1.5 mm (12X90X1.5 mm if the 100 mm bolt is too long) bolts to bolt everything to the sway bar mount as seen in Fig A. Do the same on opposite side using the sway bar spacer plate (**SS400-5**). Torque all 4 bolts to 80-85 FT/LBS of torque.



Remove the 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.

Adjust the trac bar rod to the proper length and install it using the trac bar spacer (**SS519-5**), the 3/4 inch bolts and toplock nuts as seen in Fig C below. Torque the 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.

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



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