

SINISTER DIESEL

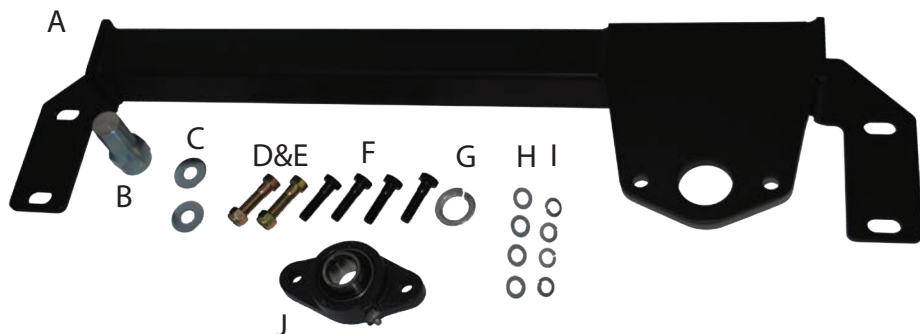


1994-2012 Dodge 2500-3500

Steering Box Support

94-12 Dodge 2500-3500

Steering Box Support



PACKING LIST:

<u>Part#</u>	<u>QTY.</u>	<u>Description</u>
A	1	Steering Box Support
B	1	Sector Shaft
C	1	7/16" Flat Washers
D	1	7/16-14 x 1 3/4" Bolts
E	2	7/16" Nuts
F	2	M10 x 1.5 x 40 Bolts
G	2	7/8" Lock Washer
H	4	M10 Flat Washer
I	4	M10 Lock Washer
J	4	Pillow Block

Read all instructions prior to install.

Note: *Prior to installation, please compare the parts that you have received with the bill of materials provided on this page to assure that you have all the parts necessary for the installation.*



CAUTION!!! Never work on a hot vehicle. Serious injury in the form of burns can result if the vehicle has been in use. Allow vehicle time to cool prior to installation. Always wear eye protection when working on or under any vehicle.

Note: With a used vehicle, we suggest using a penetrating spray lubricant to be applied liberally to bolts. When doing so allow a significant amount of time for the chemical to lubricate the threads before attempting to disassemble. For this application these will be the bolts indicated in step one.

Tools List:

- 15mm, 17mm & 19mm Socket/Wrench
- 1-5/16" and 1-1/4" Socket/Wrench
- Torque Wrench (40-180 lbs-ft)

Step 1: Hold the sway bar or support the sway bar with a jack stand. Remove the four mounting bolts (15mm) that secure the sway bar to the frame. (Image 1)



Image 1

Step 2: Allow the sway bar to swing down and rest on the steering linkage. (Image 2)



Image 2

Step 3: With the 1-5/16" socket, remove the steering box sector shaft bolt and lock washer. (Image 3)



Image 3

Step 4: Install the new sector shaft nut, using new lock washer with a 1-1/4" deep socket and torque to factory torque specifications. (Image 4)



Image 4

Step 5: Slide support bar into place, with the mounting feet positioned in between the sway bar mount and frame. When the sway bar is moved into place the large diameter hole on the bearing plate will be approximately centered on the sector shaft nut. (Image 5)

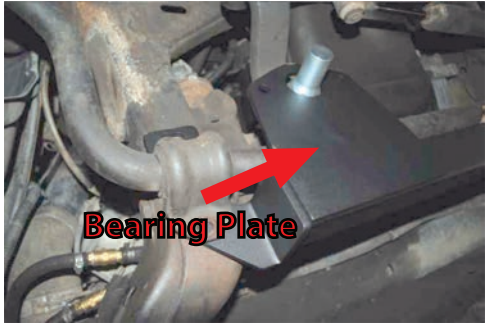


Image 5

Step 6: Install the four supplied 17mm bolts with washers to re-secure the sway bar and steering box stabilizer to the frame. Do not tighten at this time, ensure that the sector shaft is centered in the hole on the bearing plate.



Image 6

Step 7: Install the two bolts through the small holes in bearing mounting area, so that the threads are hanging through the bracket. (Image 6)



Step 8: Install bearing assembly over the sector shaft nut until bearing block comes to rest on the support bracket. With the two bolts from step seven still in place, Install locking nut snug. Do not fully tighten at this time. (Image 7)

Note: The block may not be flat to the mount at this point.

Step 9: Tighten the four sway bar mounting bolts (17mm) to factory torque specifications.

Note: Ensure free movement (rotation) of the steering box sector shaft nut. If its not moving freely undo the sway bar bolts and re-adjust.

Step 10: Tighten bearing with lock washers and nyloc nuts. (19mm)

Step 11: Remove the set screws and apply lock tight.

Step 12: Install and tighten the set screws (3/32" Allen wrench).

Step 13: Check the zerk grease fitting is tight, Use standard grease gun to apply grease to the bearing. (Image 9)



Image 7



Image 8



Image 9

SINISTER DIESEL



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