

TruckWerks

ENGINEERED BY **UUC**

STEERING BOX SUPPORT

1994-2002 Dodge 4WD 2500/3500 part number UUC-SBB
 2003-2010 Dodge 4WD 2500/3500 part number UUC-SBB1

PARTS CHECKLIST (please confirm that all parts are present before beginning any work):



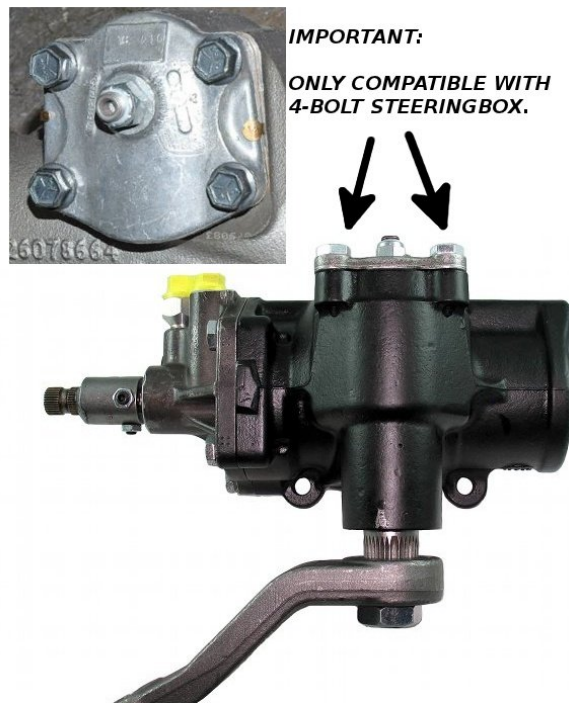
ITEM	QTY	DESCRIPTION	ITEM	QTY	DESCRIPTION
	1	Sector shaft nut		4	Hex Head Cap Screw, M10 Sz, 35mm L
	1	Bearing mount assembly		4	Flat Washer M10 Screw Size, 20mm OD
	2	Steel Hex Head Cap Screw 1/2"-13 Thread, 1-1/2" Long		2	Flat Washer 1/2" Screw Size, 1" Narrow OD
	2	Steel Hex Nut 1/2"-13 Thread Size, 3/4" Width, 7/16" Height		2	Split Lock Washer 1/2" Screw Size, .87" OD
	1	Tube of red Loctite®			

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IMPORTANT NOTES – PLEASE READ ALL BEFORE BEGINNING WORK

- 1) Professional installation recommended. Steering is a critical safety component of any vehicle.
- 2) This part is not meant as a repair for a defective or worn steering box. It is designed to be a strengthening device that will reduce further wear and improve steering feel.
- 3) This part is not intended to be a towing attachment.
- 4) For 2003-2008 models, this part is only suitable for 4-bolt steering boxes (see below).



TOOLS REQUIRED:

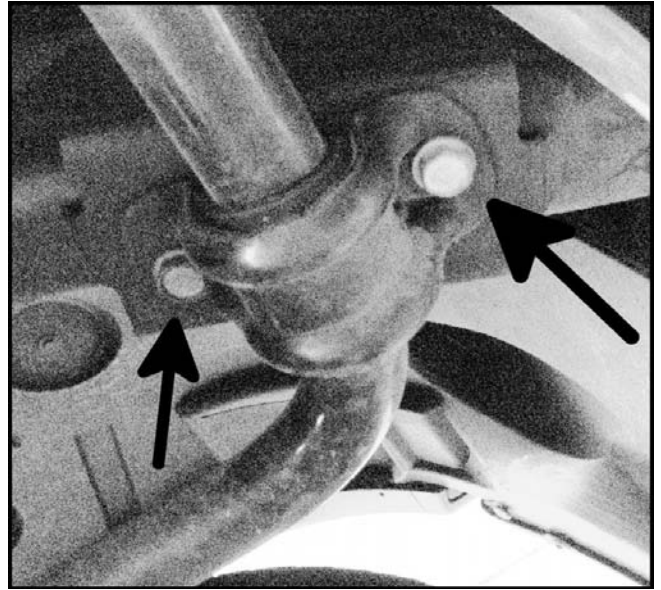
- 15mm, 17mm, and 19mm sockets and ratchet
- 1-5/16" and 1-1/4" sockets or wrench
- 1/8" Allen wrench
- torque wrench 40-180 ft-lb range
- tube of anti-seize

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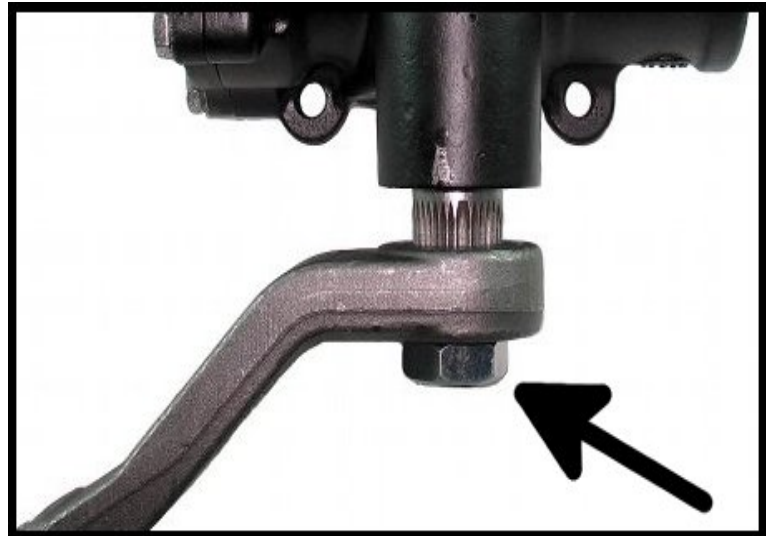
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INSTALLATION PROCEDURE

1) Remove the swaybar mounting bracket bolts (2 per side) using the 15mm wrench. Allow swaybar to hang down on steering linkage.



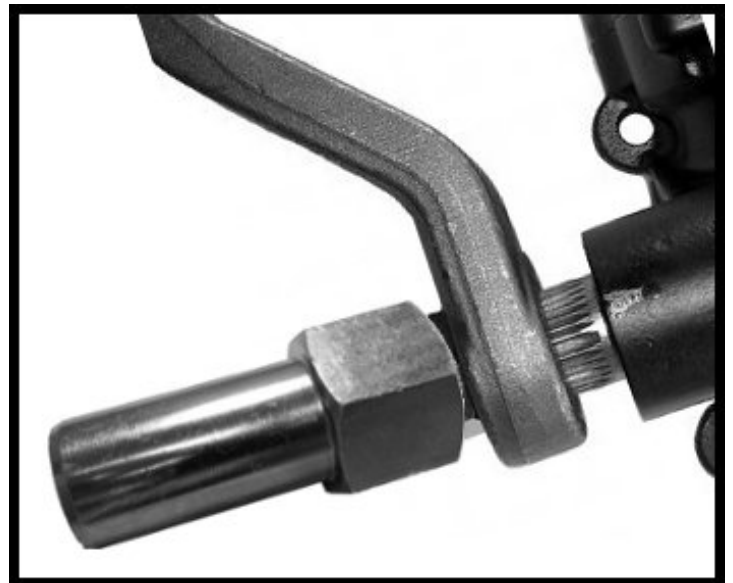
2) Remove the steering box sector shaft bolt using the **1-5/16"** socket. Remove locknut and keep for re-installation later.



3) Install new sector shaft nut using the **1-1/4"** deep socket.

Use original lock washer.

Torque spec is 180 ft-lbs.



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4) The support bar piece mounts using the swaybar bushing bracket holes. Place the bar's mounting feet between the frame and the bushing brackets. **Position the bar with the large hole in line with the sector shaft nut.**

5) Apply LocTite® to the new 10mm bolts with washers and replace the original swaybar bushing bracket bolts. **Use 17mm socket.** Do not tighten bolts completely as small adjustments may be required for final positioning.

6) Place the two 1/2" bolts and washers from the backside (steering box side) of the steering brace on either side of the large hole.



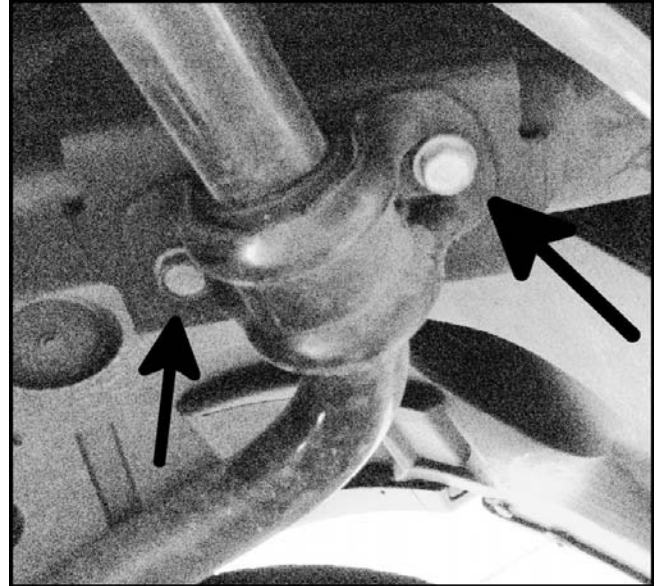
7) Install the bearing assembly onto the two 1/2" bolts, centered on the sector shaft nut. Use the 1/2" lock washers and 1/2" nuts to secure the bearing.



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8) Align the stabilizer bar so that the sector shaft nut is correctly aligned through the bearing. Tighten the swaybar bushing bracket bolts with the bar in the final position.
Torque spec is 40 ft-lbs.



9) Double-check the alignment by moving the steering from side to side, making sure that the selector nut is not binding within the bearing. If it is, loosen swaybar bushing bracket nuts and adjust bar as necessary.

10) Tighten the bearing nuts to 19 ft-lbs (see step #7).

11) Remove bearing set screw with **Allen wrench**, apply LocTite®, and re-tighten.

