

MAZDASPEED

PERFORMANCE ACCESSORIES

INSTALLATION INSTRUCTIONS

PART NUMBER: GRMS-8M-D16

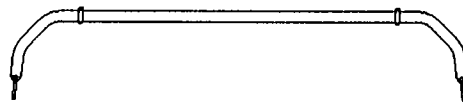
STABILIZER BAR KIT

APPLICABLE MODELS:
2006< MX5 (all models)

CONTENTS OF KIT



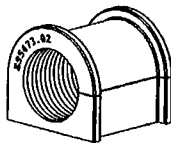
1x Installation
Instructions & Warranty
Statement



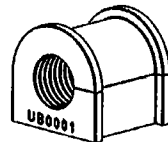
1x Front Bar (GRMS-8M-D03-F)



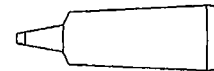
1x Rear Bar (GRMS-8M-D03-R)



2x Front Bushing Bushings



2x Rear Bushings



1x Poly Grease Pack

TOOLS REQUIRED

Sockets:

10mm
12mm
14mm

Socket Driver
12" extension and swivel

Torque Wrench

Crayon or Grease Pen

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PRE INSTALLATION

- **WARNING!** Removal and installation of suspension components may be dangerous as parts may be under compression and are likely to "jump" unexpectedly, **causing serious injury or death**. Mazdaspeed Performance Accessory Suspension components should only be installed by a qualified licensed mechanic experienced in the installation and removal of suspension components.
- Mazdaspeed Accessories carry a different warranty than Mazda Genuine Accessories. Review the applicable warranty statement with your Mazdaspeed dealer. This product is sold under the Mazdaspeed Green Warranty Statement (See attached Warranty Statement Sheet).
- Warranties on tires and bushings will only be honored if there is proof that a vehicle alignment was performed at the time of installation by someone properly certified in performing vehicle alignments.
- Read complete instructions before starting installation of kit.
- Kit approved for North American vehicles only.
- For proper function, you must comply with the installation instructions.
- Use torque wrench on each bolt during installation. Torques are listed beside each fastener in exploded views, for reassembly in N-m(Kg-m,ft-lb)
- Provide instructions and OE take-off parts to the end user. Store instructions in a safe place for future use.

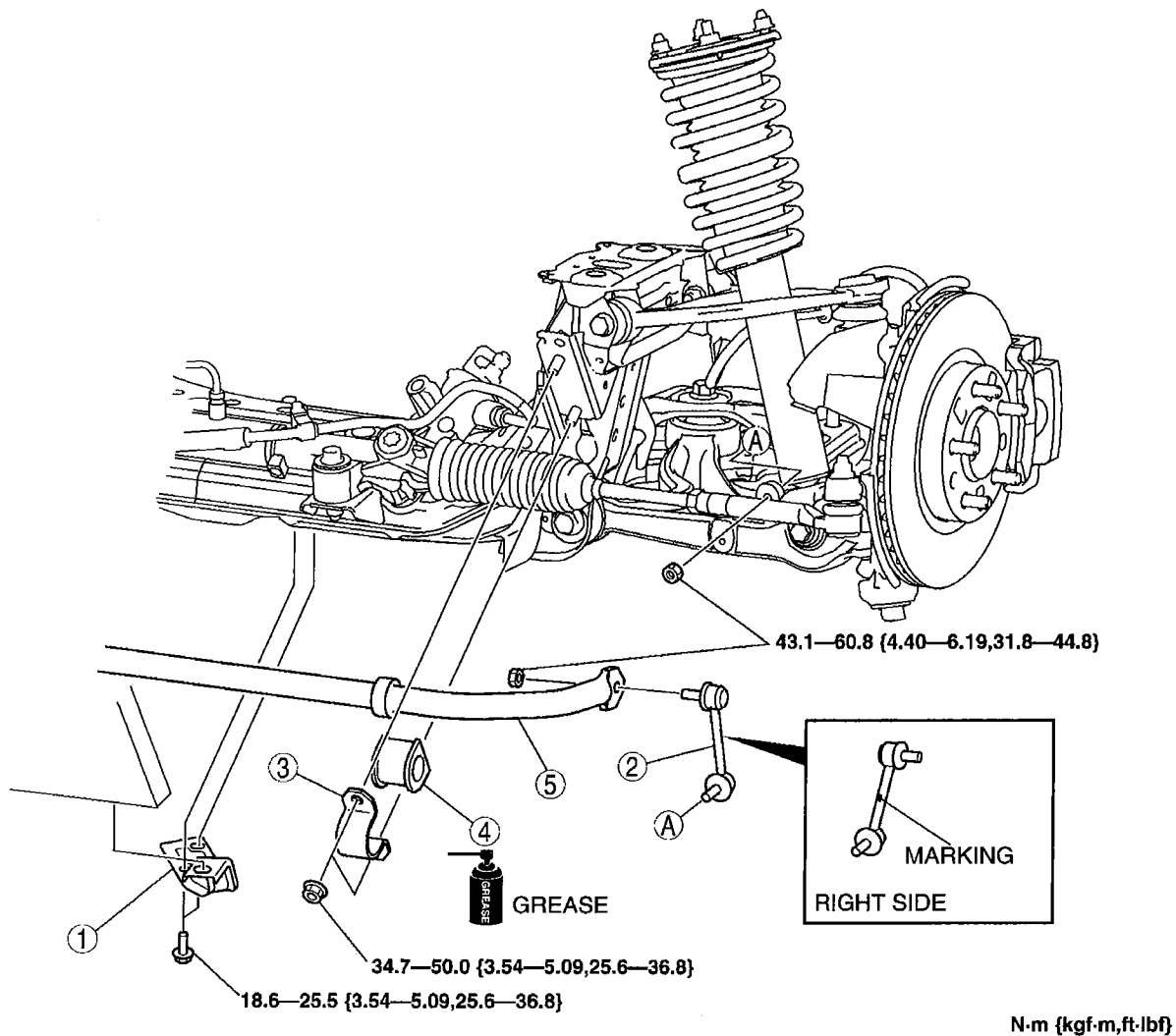
MX5 (06<) Mazdaspeed Stabilizer Bar Kit Installation Instructions

1 FRONT STABILIZER REMOVAL & INSTALLATION

CAUTION:

1. Remove lower-front plastic cover under engine.
2. Remove the upper stabilizer bar end-link attachment nuts (item 2 in illustration below) on both sides and push the links aside.
3. Mark the position of the front stabilizer bar bushings (item 4 shown below) on the bar.
4. While holding the bar to keep it from falling, remove the stabilizer bar bushing brackets (items 3 shown below) from both sides and carefully remove the bar.
5. Transpose your marks for the stabilizer bar bushing positions from the stock bar to the new bar.
6. Apply a thin layer of the provided grease to the inside of the new polyurethane front bushings, and install the bushings on the new bar.
7. Install the new front stabilizer bar with new bushings, OEM brackets, OEM end links and plastic cover in the reverse order.

Figure A: Front Stabilizer Bar Attachment

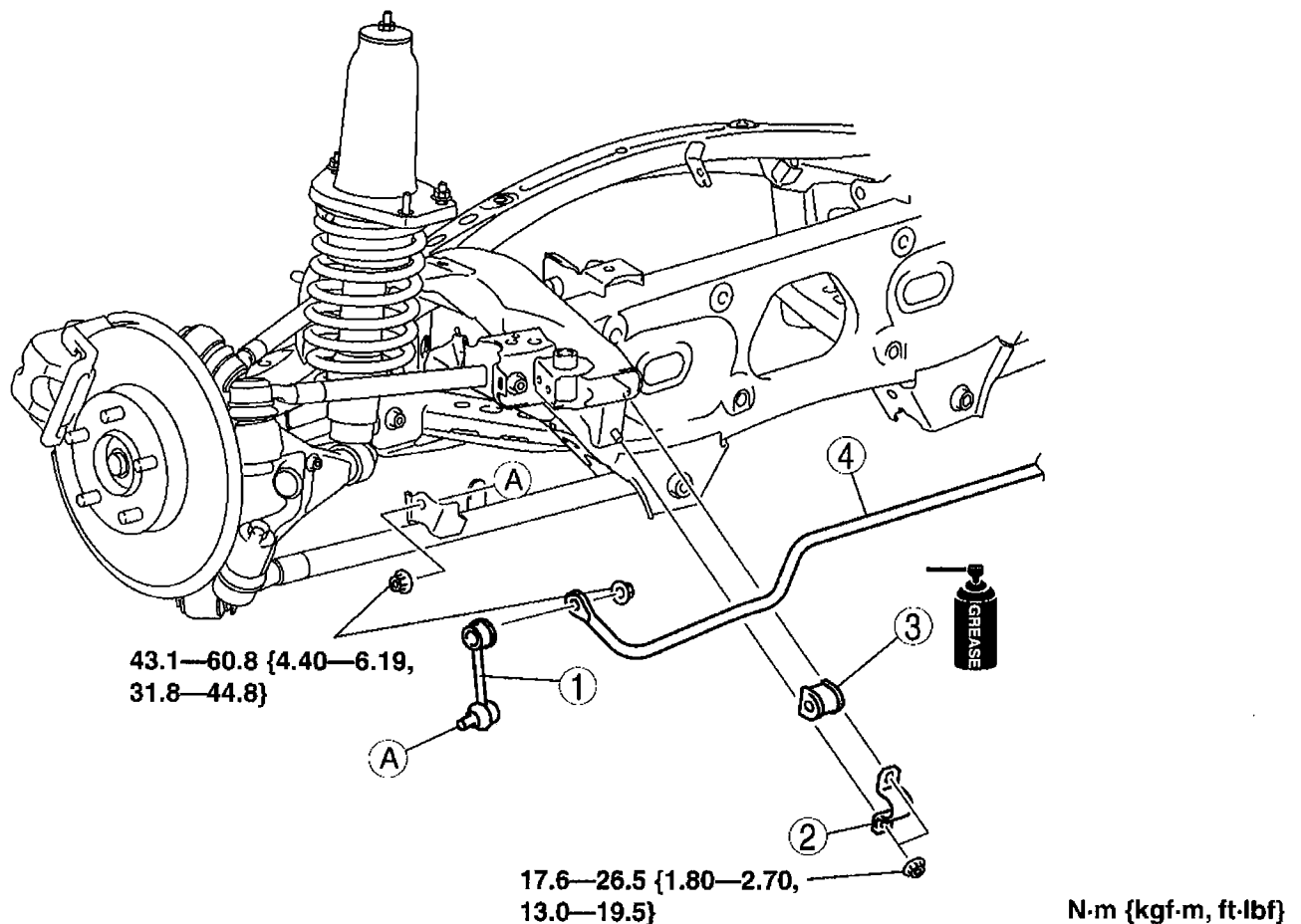


MX5 (06<) Mazdaspeed Stabilizer Bar Kit Installation Instructions

2 REAR STABILIZER REMOVAL & INSTALLATION

1. Remove the upper stabilizer bar end-link attachment nuts (item 1 in the illustration below) on both sides and push the links aside.
2. Mark the position of the front stabilizer bar bushings (items 3 shown below) on the bar.
3. While holding the bar to keep it from falling, remove the stabilizer bar bushing brackets (item 2 shown below) from both sides and carefully remove the bar from the vehicle.
4. Transpose your mark for the stabilizer bar bushings from the stock bar to the new bar.
5. Apply a thin layer of the provided grease to the inside of the new polyurethane rear bushings, and install the bushings on the new bar.
6. Install the new front stabilizer bar with bushings and OEM brackets to the vehicle with the bar ends positioned as before (above the lower-rear control arm).
7. The new rear bar is adjustable (see final installation notes for illustration). It is recommended to install the end links in the bar attachment hole closest to the end of the bar (Position 1) initially. Moving the link attachment point closer to the pivot axis of the bar (Position 2) will transmit more grip to the front tires and equally less grip to the rear tires.

Figure B: Rear Stabilizer Bar Attachment



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FINAL INSTALLATION NOTES

- It is common for polyurethane bushings to make a small amount of noise during driving. Regular cleaning and lubrication (Every 5,000-10,000 miles depending on driving conditions) can prevent excessive noise.
- To adjust the rear stabilizer:
 - 1) Remove both upper end-link attachment nuts and rotate them aside
 - 2) Rotate one end link near desired hole, then rotate the bar to line-up and insert the end link stud.
 - 3) Rotate the other end link stud to the same desired hole and insert.
 - 4) Hand-start and torque both end link nuts.

