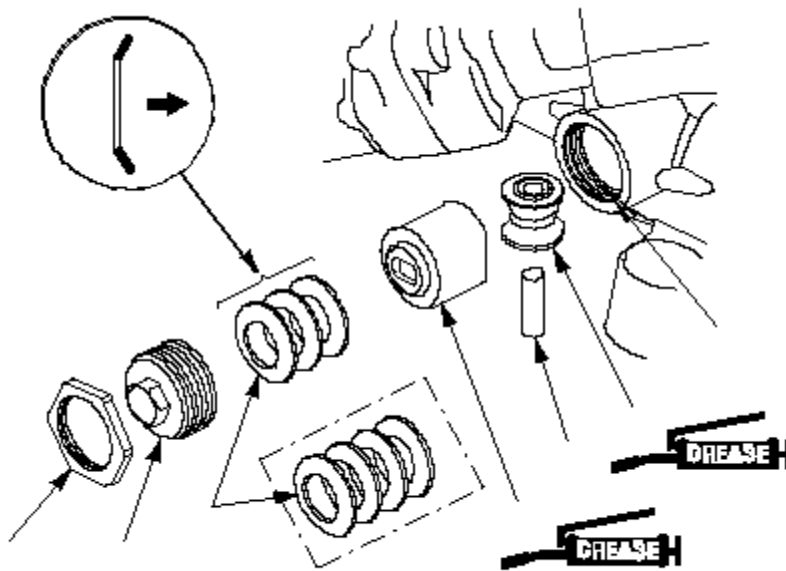


Steering Rack Guide Replacement

Manufactured in except HATC

NOTE: During removal/installation, do not allow dust, dirt, or other foreign materials to enter the gearbox.

1. Loosen the locknut (A), then remove the rack guide screw (B), conical springs (C), holder (D), needle roller (E), and roller (F) from the steering gearbox.



ABCDEFGPortugal

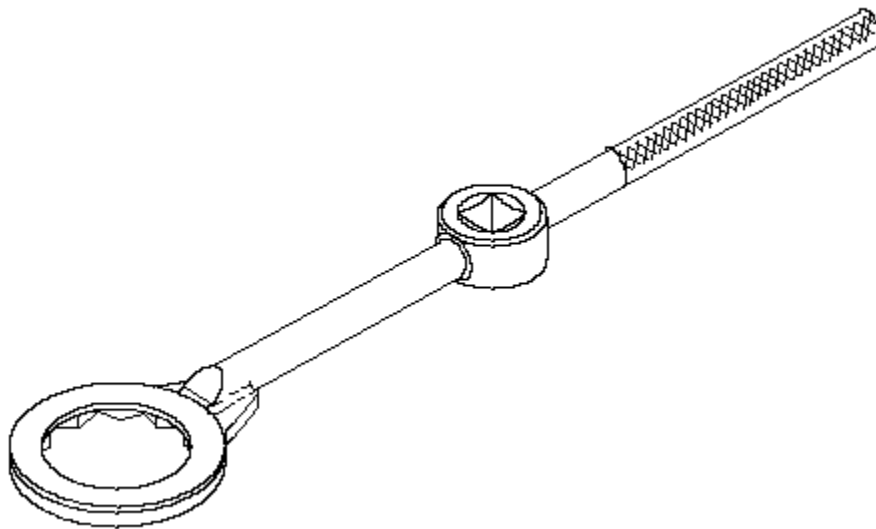
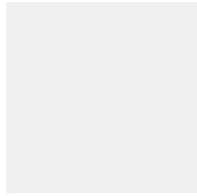
model:

2. Grease the inside of holder and the sliding surface and circumference of the roller.
 3. Install the roller, the needle roller, and the holder onto the gearbox housing. Wipe the grease off the threaded section (G) of the housing.
 4. Install the conical springs onto the holder.
- NOTE: Make sure the number of the conical springs and the direction when installing.
5. Apply sealant to the threads on the rack guide screw, then install and tighten it to 25 N·m (2.5 kgf·m, 18 lbf·ft). Loosely install the locknut.
 6. [Adjust rack guide screw](#). After adjusting, check that the rack moves smoothly by sliding it right and left.

Rack Guide Adjustment

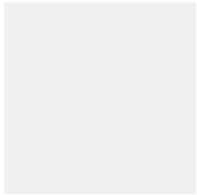
Special Tools Required

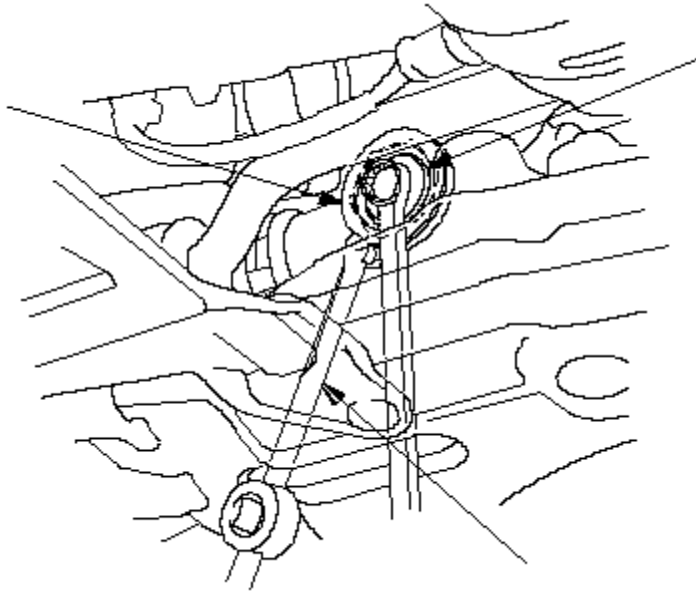
Locknut wrench, 40 mm (07MAA-SL00100)



1. Set the wheels in the straight ahead position.
2. Loosen the rack guide screw locknut (A) with the special tool, then remove the rack guide screw (B).

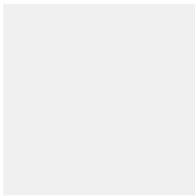
LHD:

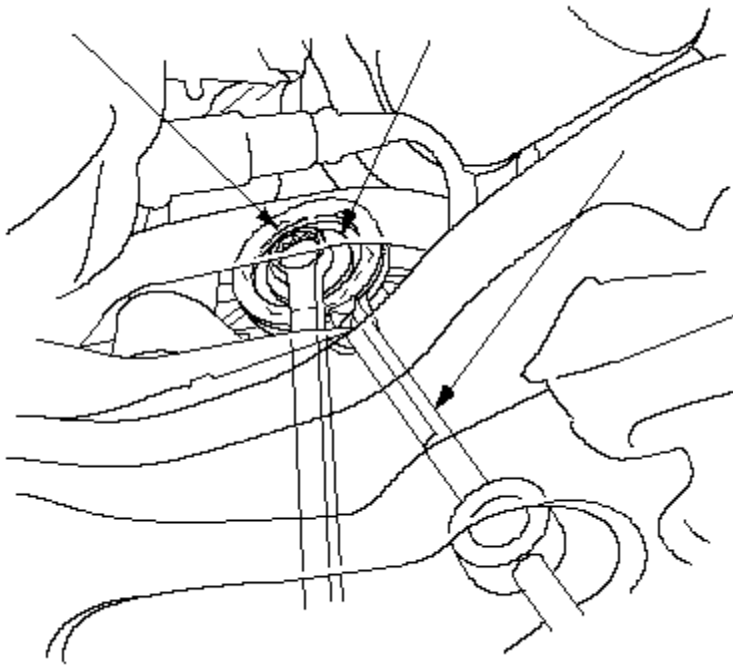




AB07MAA-SL00100

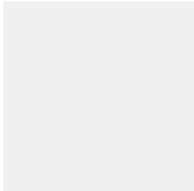
RHD:

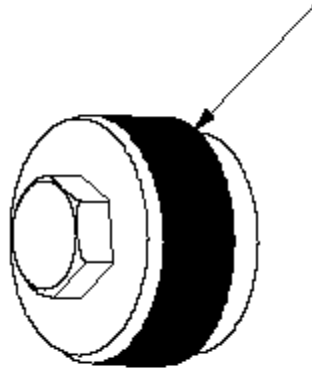




AB07MAA-SL00100

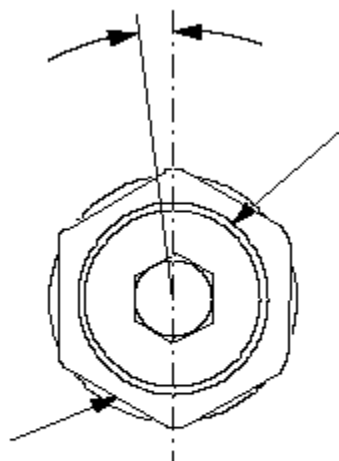
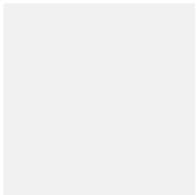
3. Remove the old sealant from rack guide screw, and apply new sealant all around the threads (A).





A

4. Loosely install the rack guide screw (A) on the steering gearbox.



HATC:
59 N·m (6.0 kgf·m, 43 lbf·ft)
Manufactured in HATC:
44 N·m (4.5 kgf·m, 33 lbf·ft)

5. Tighten the rack guide screw to 25 N·m (2.5 kgf·m, 18 lbf·ft), then loosen it.
6. Retighten the rack guide screw to 3.9 N·m (0.4 kgf·m, 2.9 lbf·ft) then back it off to specified angle.

Specified return angle (C):

Manufactured in except HATC:

7°-10° max.

Manufactured in HATC:

5°±2°

7. Tighten the locknut (B) while holding the rack guide screw (A).
8. Check for unusual steering effort through the complete turning travel.