SR0YU–01

REPLACEMENT

NOTICE:

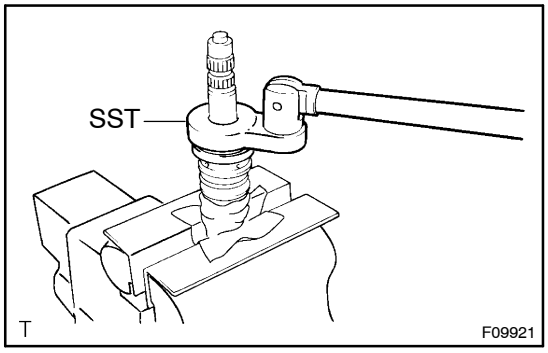
When using a vise, do not overtighten it.

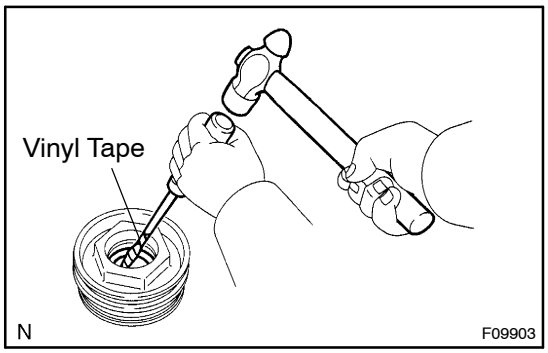
1. IF NECESSARY, REPLACE BEARING

(a) Using SST, remove the bearing guide nut and bearing.
SST 09617–35020

(b) Coat a new bearing with molybdenum disulfide lithium base grease.

(c) Install the bearing and using SST, install the bearing guide nut.
SST 09617–35020
Torque: 40 N·m (410 kgf·cm, 30 ft·lbf)



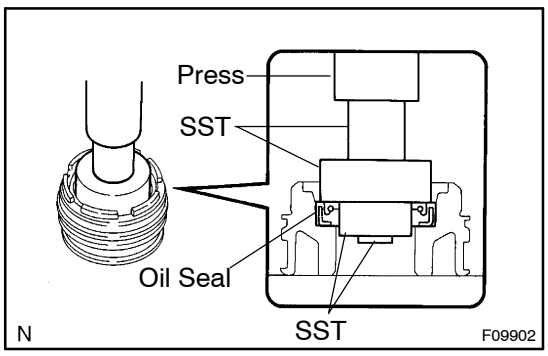


2. IF NECESSARY, REPLACE OIL SEAL

(a) Using a screwdriver with vinyl tape wound around its tip, remove the oil seal.

NOTICE:

Be careful not to damage the rack housing cap.

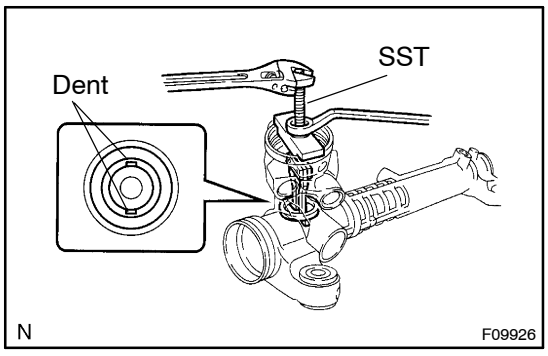


(b) Coat a new oil seal lip with power steering fluid.

(c) Using SST, press in the oil seal.
SST 09950–60010 (09951–00210, 09951–00340, 09952–06010), 09950–70010 (09951–07100)

NOTICE:

Make sure that the oil seal is installed facing in the correct direction.



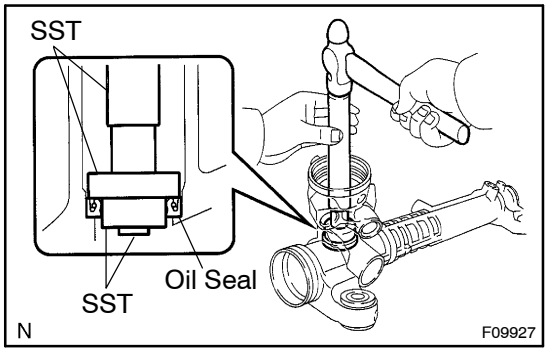
3. IF NECESSARY, REPLACE OIL SEAL

(a) Using SST, remove the oil seal.
SST 09612–20010

NOTICE:

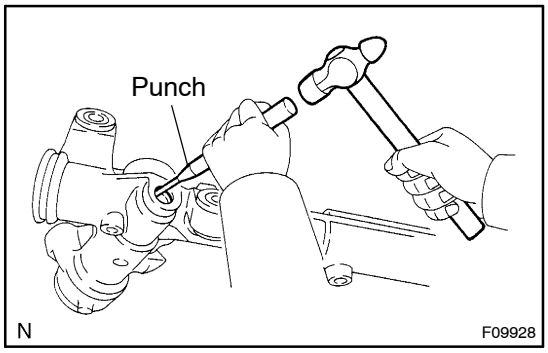
Be careful not to damage the rack housing.

(b) Coat a new oil seal lip with power steering fluid.



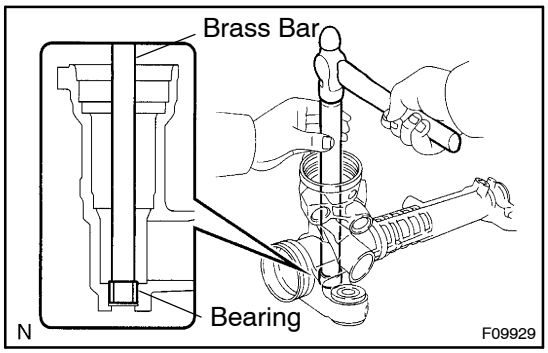
(c) Using SST and a hammer, tap in the oil seal.
SST 09950–60010 (09951–00240, 09951–00350, 09952–06010), 09950–70010 (09951–07150)

NOTICE:
Make sure that the oil seal is installed facing in the correct direction.

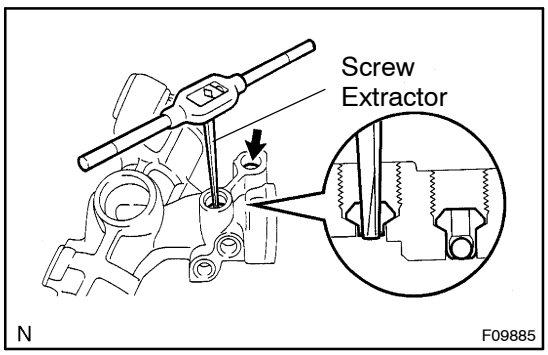


4. IF NECESSARY, REPLACE BEARING

(a) Using a punch and a hammer, tap out the bearing.
(b) Coat a new bearing with molybdenum disulfide lithium base grease.

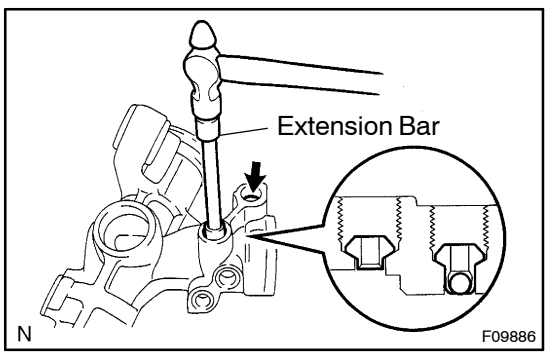


(c) Using a brass bar and a hammer, tap in the bearing.



5. IF NECESSARY, REPLACE 2 UNION SEATS

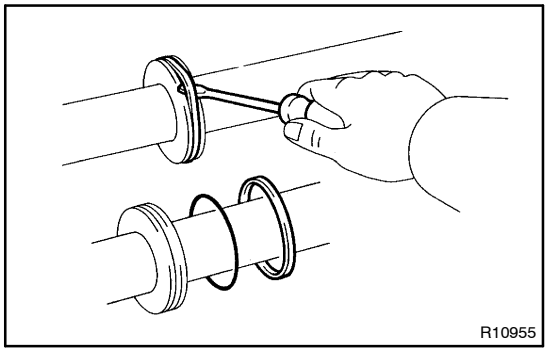
(a) Using a screw extractor, remove the union seat from the rack housing.



(b) Using a hammer and an extension bar, lightly tap in a new union seat.

NOTICE:
Before installing the union seat, remove the dust sticking to the rack housing.

(c) Employ the same manner described above to the other side.



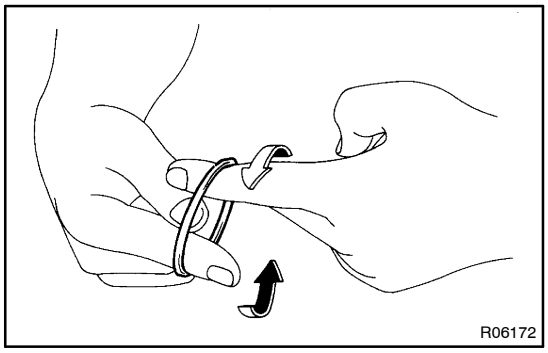
6. IF NECESSARY, REPLACE TEFLON RING AND O–RING

(a) Using a screwdriver, remove the teflon ring and O–ring from the steering rack.

NOTICE:

Be careful not to damage the groove for the teflon ring.

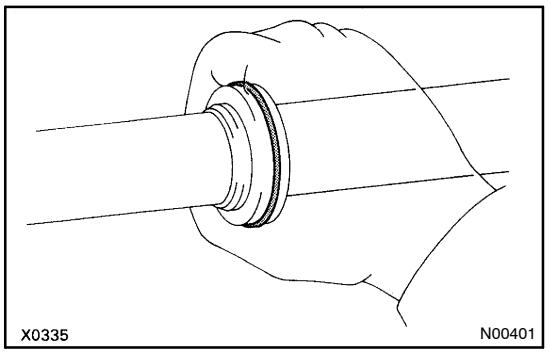
(b) Coat a new O–ring with power steering fluid and install it to the steering rack.



(c) Expand a new teflon ring with your fingers.

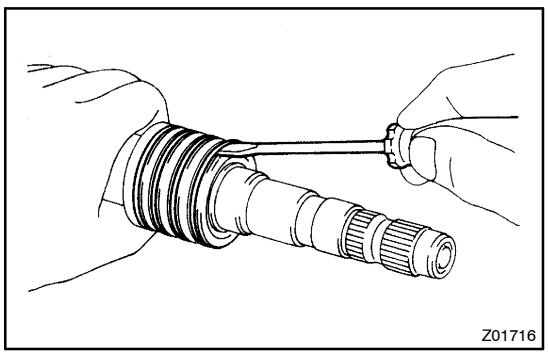
NOTICE:

Be careful not to overexpand the teflon ring.



(d) Coat the teflon ring with power steering fluid.

(e) Install the teflon ring to the steering rack and settle it down with your fingers.



7. IF NECESSARY, REPLACE 4 TEFLON RINGS

(a) Using a screwdriver, remove the 4 teflon rings from the control valve assembly.

NOTICE:

Be careful not to damage the grooves for the teflon rings.

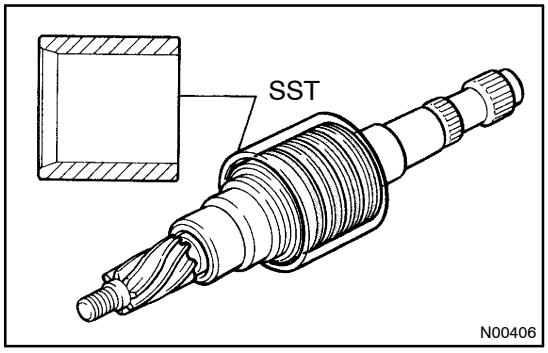
(b) Expand 4 new teflon rings with your fingers.

NOTICE:

Be careful not to overexpand the teflon ring.

(c) Coat the teflon rings with power steering fluid.

(d) Install the teflon rings to the control valve assembly and settle them down with your fingers.



(e) Carefully slide the tapered end of SST over the teflon rings until they fit to the control valve assembly.
SST 09631–20081

NOTICE:
Be careful not to damage the teflon rings.