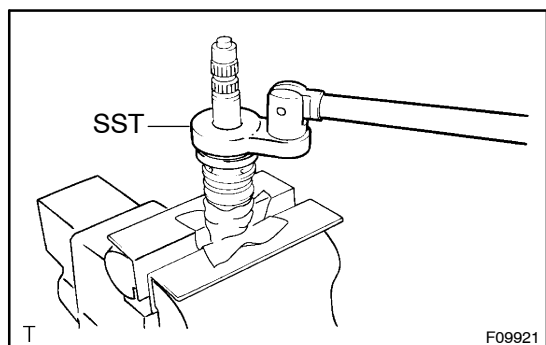




REPLACEMENT

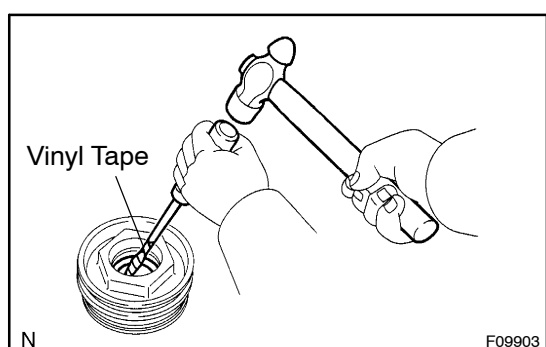
NOTICE:

When using a vise, do not overtighten it.

1. IF NECESSARY, REPLACE BEARING

- Using SST, remove the bearing guide nut and bearing.
SST 09617-35020
- Coat a new bearing with molybdenum disulfide lithium base grease.
- Install the bearing and using SST, install the bearing guide nut.
SST 09617-35020

Torque: 40 N·m (410 kgf·cm, 30 ft·lbf)

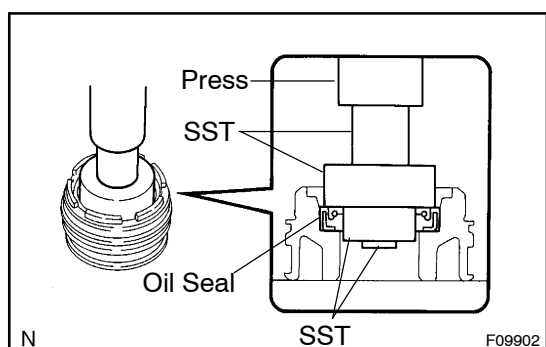


2. IF NECESSARY, REPLACE OIL SEAL

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

NOTICE:

Be careful not to damage the rack housing cap.



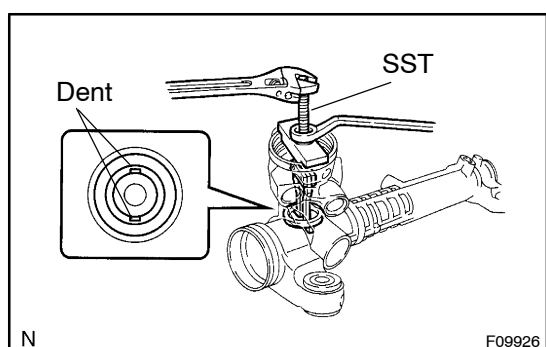
- Coat a new oil seal lip with power steering fluid.

- 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

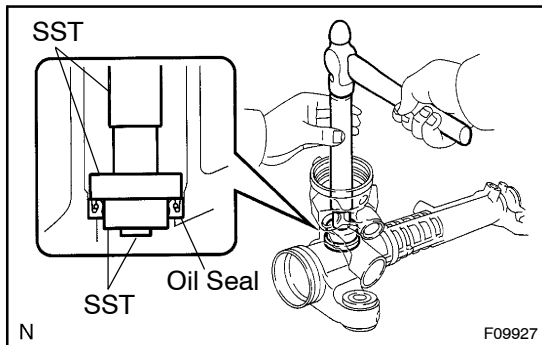
- Using SST, remove the oil seal.

SST 09612-20010

NOTICE:

Be careful not to damage the rack housing.

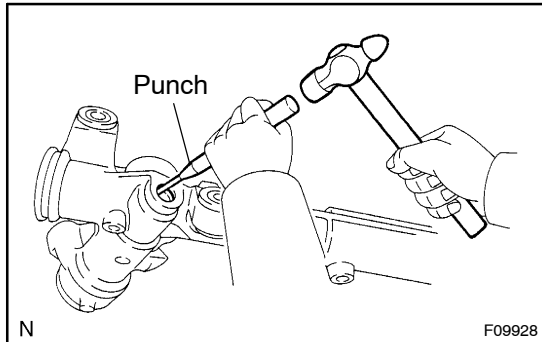
- Coat a new oil seal lip with power steering fluid.



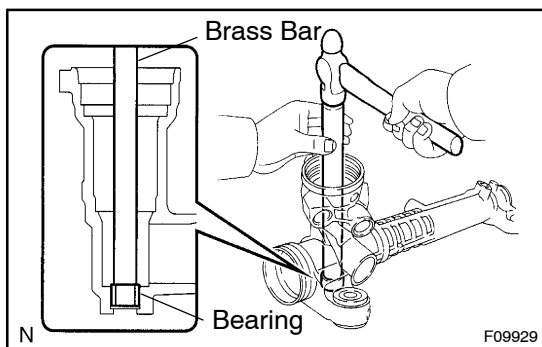
- (c) Using SST and a hammer, tap in the oil seal.
 SST 09950-60010 (09951-00240, 09951-00350, 09952-06010), 09950-70010 (09951-07150)

NOTICE:

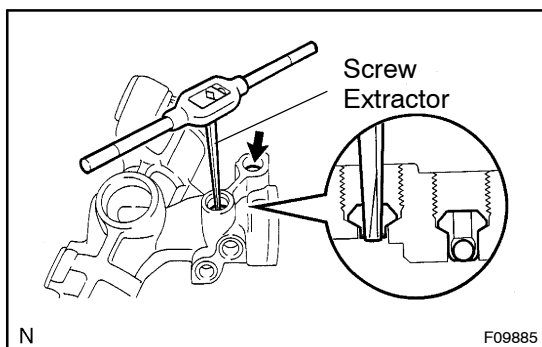
Make sure that the oil seal is installed facing in the correct direction.

**4. IF NECESSARY, REPLACE BEARING**

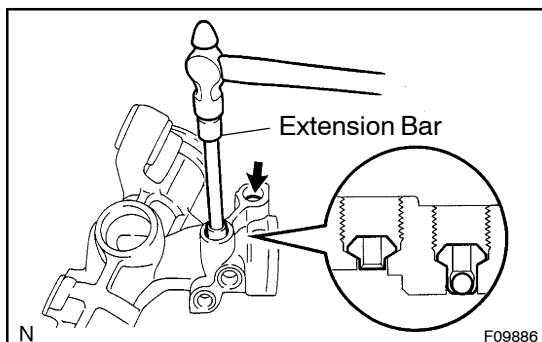
- (a) Using a punch and a hammer, tap out the bearing.
 (b) Coat a new bearing with molybdenum disulfide lithium base grease.



- (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.

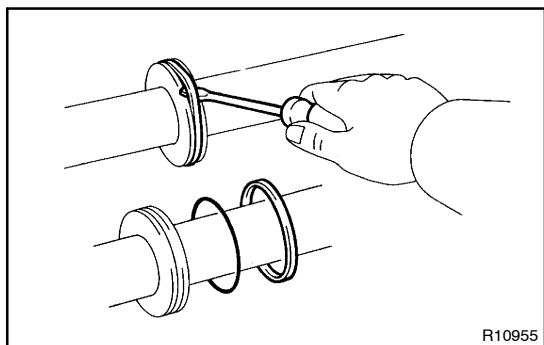


- (b) Using a hammer and an extension bar, lightly tap in a new union seat.

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.



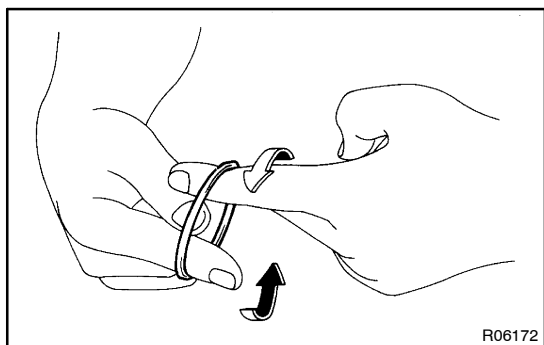
6. IF NECESSARY, REPLACE TEFLON RING AND O-RING

- (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.

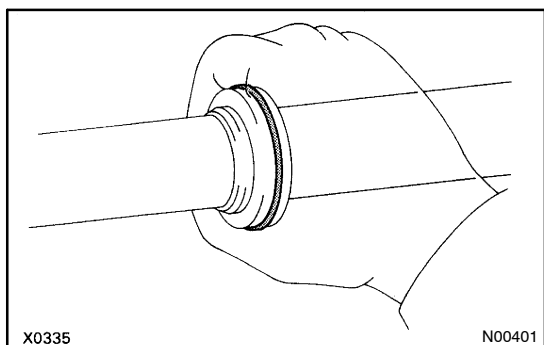
- (b) Coat a new O-ring with power steering fluid and install it to the steering rack.



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

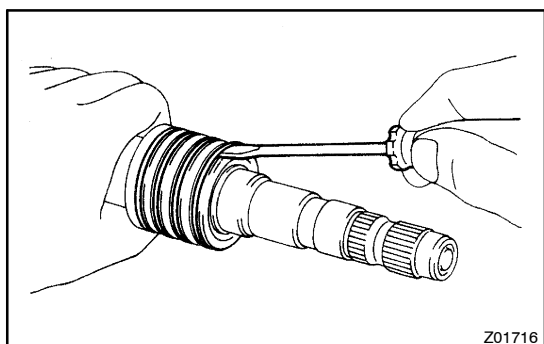
NOTICE:

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.

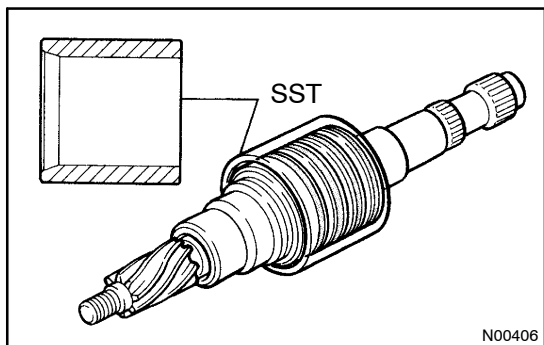
- (b) Expand 4 new teflon rings with your fingers.

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.