

## REPLACEMENT

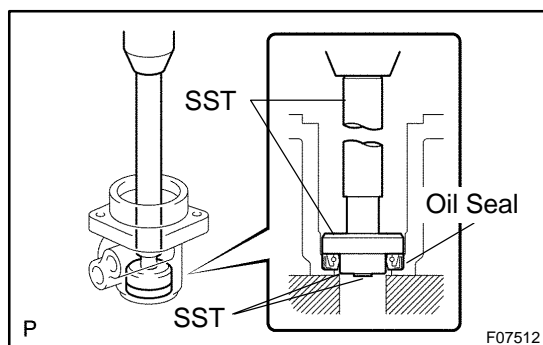
### NOTICE:

**When using a vise, do not overtighten it.**

#### 1. IF NECESSARY, REPLACE OIL SEAL AND BEARING

- (a) Using SST, press out the bearing and oil seal from the control valve housing.

SST 09950-60010 (09951-00240),  
09950-70010 (09951-07100)



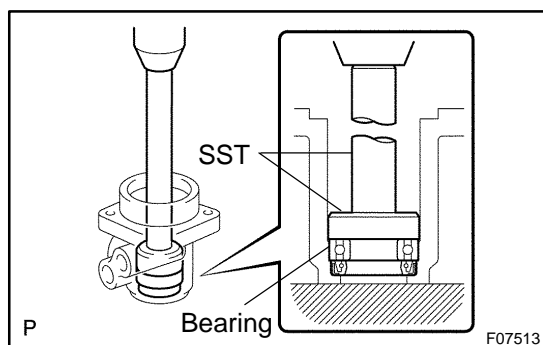
- (b) Coat a new oil seal lip with power steering fluid.

- (c) Using SST, press in the oil seal.

SST 09950-60010 (09951-00180, 09951-00320,  
09952-06010), 09950-70010 (09951-07150)

### NOTICE:

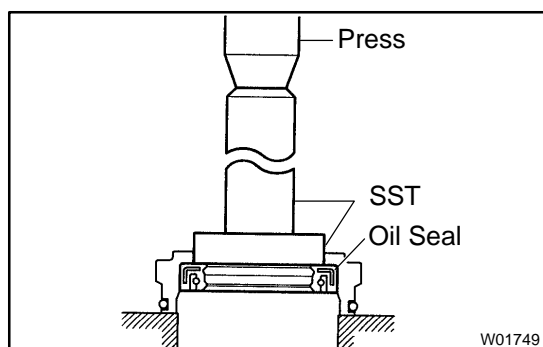
**Make sure that the oil seal is installed facing in the correct direction.**



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

- (e) Using SST, press in the bearing.

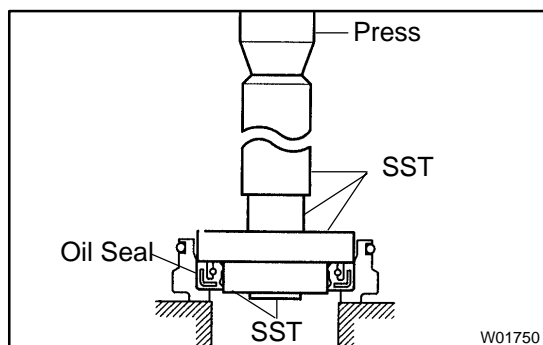
SST 09950-60010 (09951-00340),  
09950-70010 (09951-07150)



#### 2. IF NECESSARY, REPLACE OIL SEAL

- (a) Using SST, press out the oil seal from the bearing guide nut.

SST 09950-60010 (09951-00310),  
09950-70010 (09951-07100)



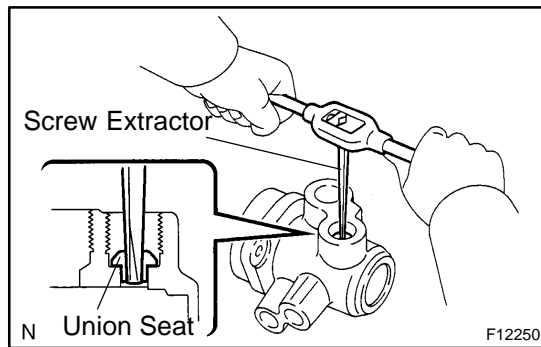
- (b) Coat a new oil seal lip with power steering fluid.

- (c) Using SST, press in the oil seal.

SST 09950-60010 (09951-00250, 09951-00360,  
09952-06010), 09950-70010 (09951-07100)

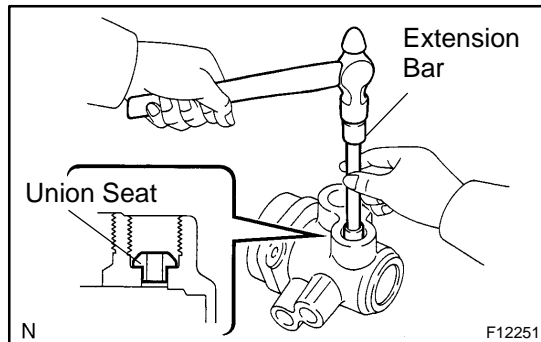
### NOTICE:

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

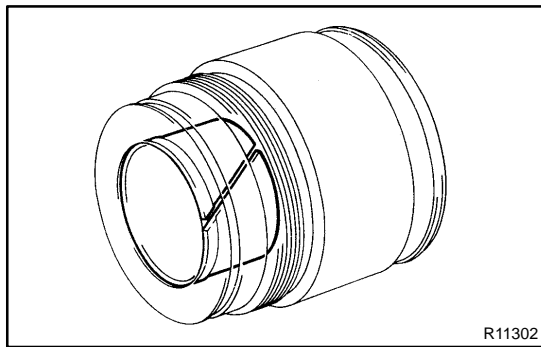


### 3. IF NECESSARY, REPLACE UNION SEAT

- (a) Using a screw extractor, remove the union seat from the control valve housing.

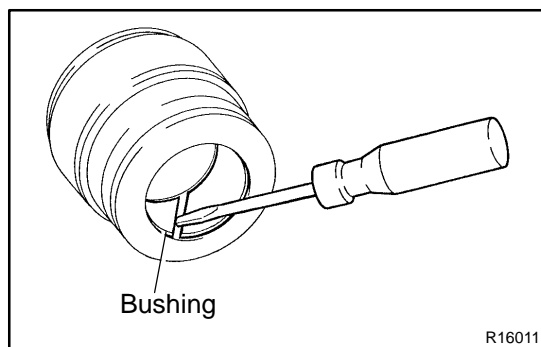


- (b) Using a plastic hammer and extension bar, lightly tap in a new union seat.



### 4. INSPECT BUSHING

- (a) Check the inside of the bushing of the cylinder end stopper for cracks. If faulty, replace the bushing.
- (b) Apply molybdenum disulfide lithium base grease to the inside of the bushing.



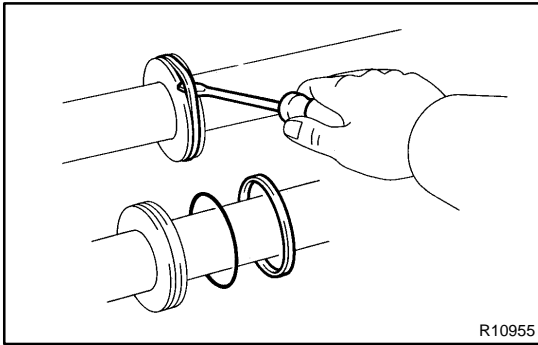
### 5. IF NECESSARY, REPLACE BUSHING

- (a) Using a screwdriver, remove the bushing from the cylinder end stopper.

#### NOTICE:

**Be careful not to damage the cylinder end stopper.**

- (b) Coat the inside of a new bushing with molybdenum disulfide lithium base grease.
- (c) Install the bushing.



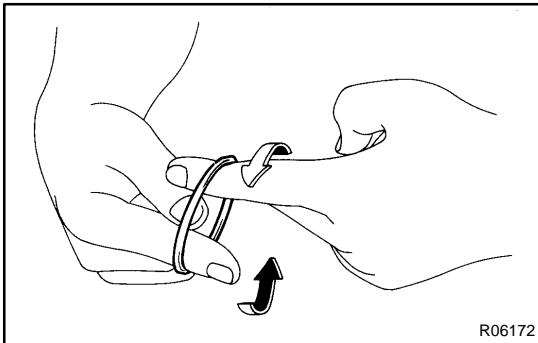
## 6. IF NECESSARY, REPLACE TEFLON RING AND O-RING

- (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.**

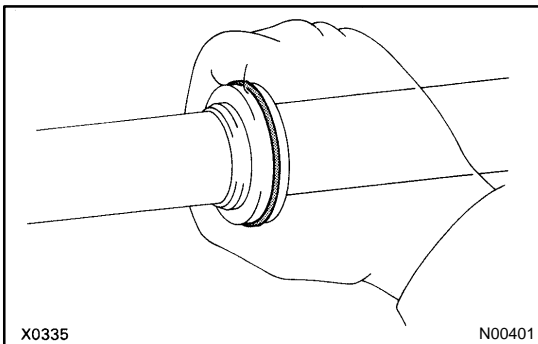
- (b) Coat a new O-ring with power steering fluid and install it to the steering rack.



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

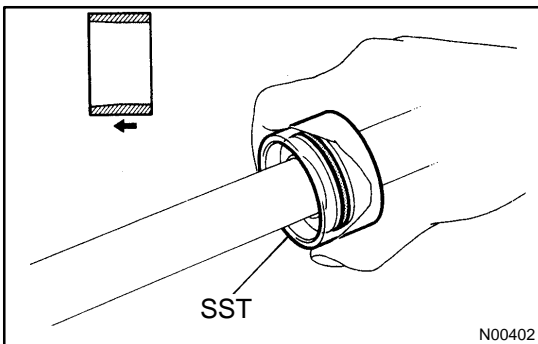
### NOTICE:

**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.

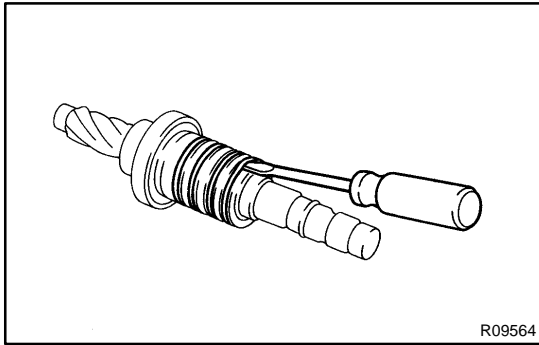


- (f) Carefully slide the tapered end of SST over the teflon ring until it fits to the steering rack.

SST 09630-24014 (09620-24051)

### NOTICE:

**Be careful not to damage the teflon ring.**

**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 ring.**

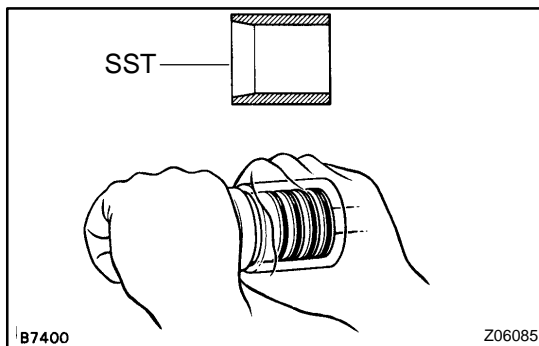
- (b) Expand 4 new teflon rings with your fingers.

**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.**