

## REPLACEMENT

### NOTICE:

When using a vise, do not overtighten it.

#### 1. REPLACE OIL SEAL OF RACK HOUSING

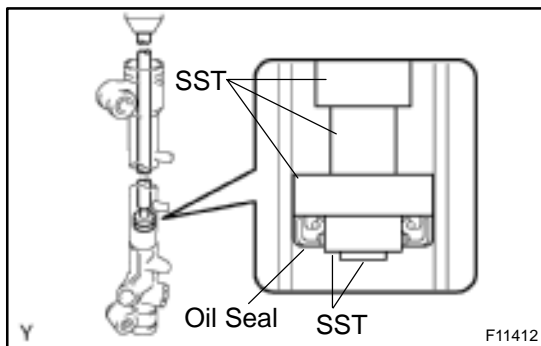
(a) Using SST, press out the oil seal.

SST 09950-60010 (09951-00210, 09951-00240, 09952-06010) 09950-70010 (09951-07360)

### NOTICE:

Do not damage the rack housing.

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

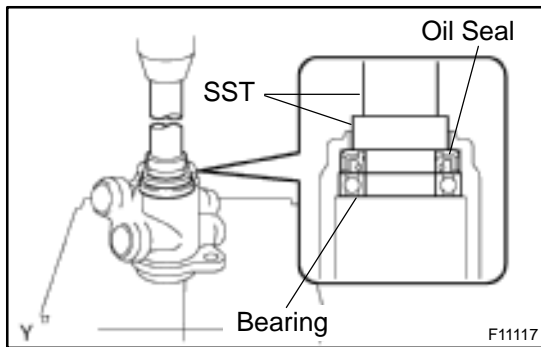


(c) Install the oil seal to SST, and press them into the rack housing.

SST 09950-60010 (09951-00210, 09951-00380, 09952-06010), 09950-70010 (09951-07360)

### NOTICE:

- Make sure that the oil seal is installed facing in the correct direction.
- Take care that the oil seal does not get reversed as you install it.

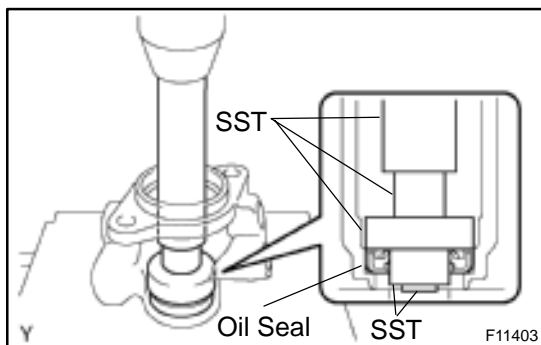


#### 2. REPLACE OIL SEAL AND BEARING OF CONTROL VALVE HOUSING

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

SST 09950-60010 (09951-00260), 09950-70010 (09951-07100)

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



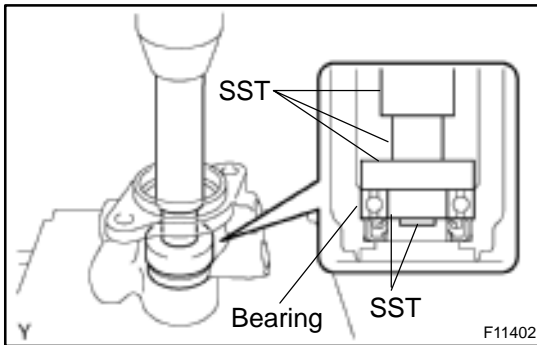
(c) Using SST, press in the oil seal.

SST 09950-60010 (09951-00180, 09951-00330, 09952-06010), 09950-70010 (09951-07100)

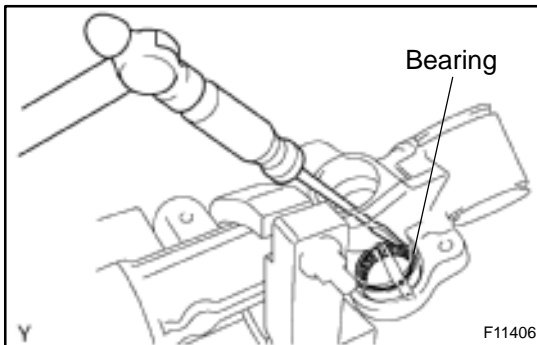
### NOTICE:

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

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

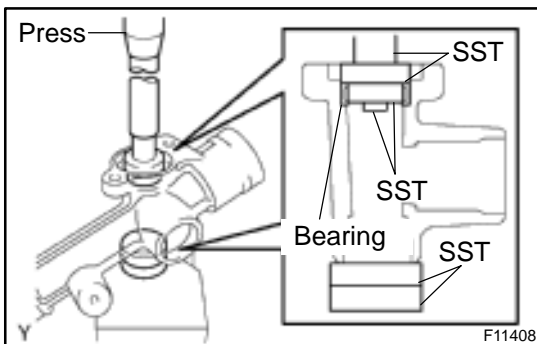


- (e) Using SST, press in the bearing.  
SST 09950-60010 (09551-00190, 09951-00340, 09952-06010), 09950-70010 (09951-07100)

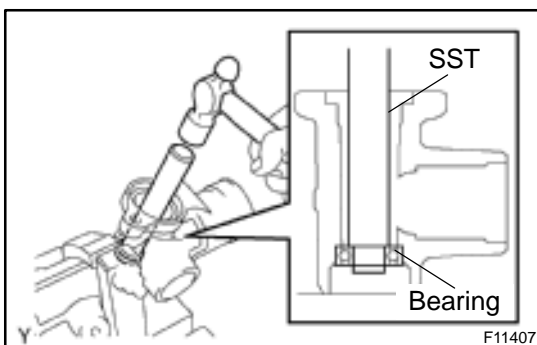


### 3. REPLACE NO.1 BEARING OF RACK HOUSING

- (a) Using a screwdriver and hammer, tap out the No. 1 bearing from the rack housing.  
(b) Coat a new bearing with molybdenum disulfide lithium base grease.

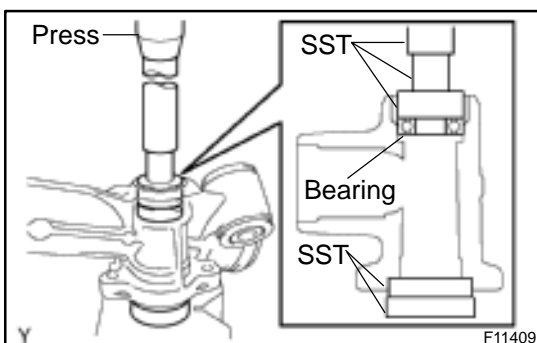


- (c) Using SST, press in the No.1 bearing.  
SST 09950-60010 (09951-00220, 09951-00320, 09951-00420, 09951-00430, 09952-06010), 09950-70010 (09951-07100)

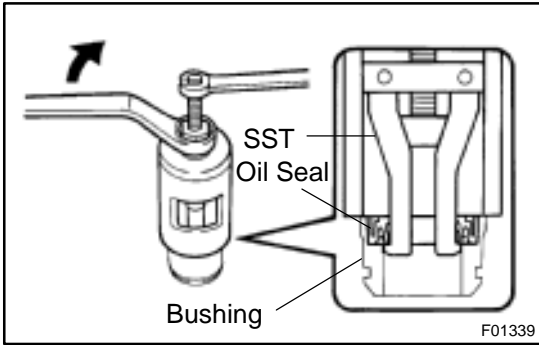


### 4. REPLACE NO. 2 BEARING OF RACK HOUSING

- (a) Using SST and a hammer, tap out the No. 2 bearing from the rack housing.  
SST 09950-70010 (09951-07100)  
(b) Coat a new bearing with molybdenum disulfide lithium base grease.



- (c) Using SST, press in the No. 2 bearing.  
SST 09950-60010 (09951-00280, 09951-00420, 09951-00430, 09952-06010), 09950-70010 (09951-07100)



**5. REPLACE OIL SEAL OF STALING RACK BUSHING**

- (a) Using SST, remove the oil seal from the bushing.  
SST 09612-24014 (09613-22011)

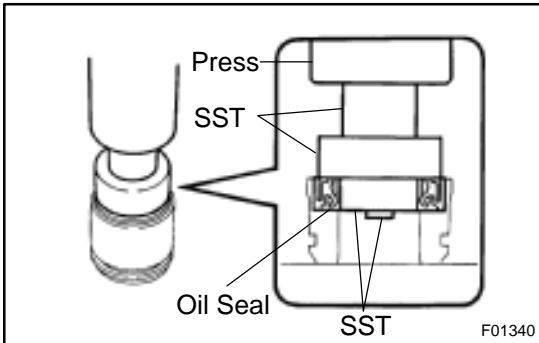
**NOTICE:**

**Be careful not to damage the bushing.**

**HINT:**

As shown in the illustration, from the opposite side of SST confirm that its claws are firmly caught on the oil seal.

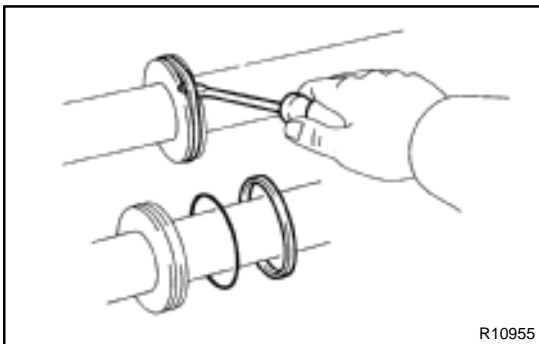
- (b) Coat a new oil seal lip with power steering fluid.



- (c) Using SST, press in the oil seal.  
SST 09950-60010 (09951-00210, 09951-00350, 09952-06010)

**NOTICE:**

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



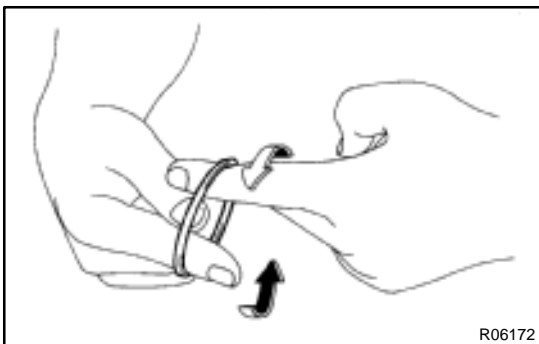
**6. REPLACE TEFLON RING AND O-RING OF STEERING RACK**

- (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.

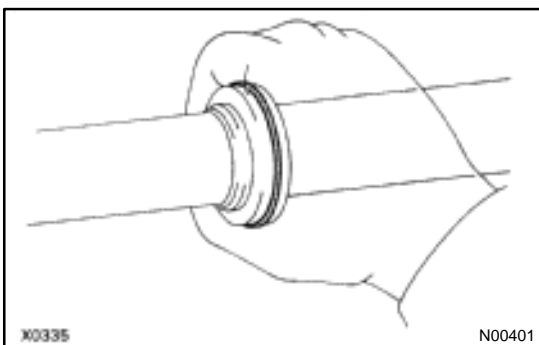


- (c) Expand a new teflon ring with your fingers.

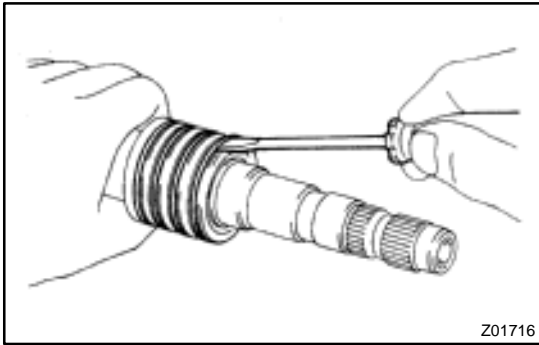
**NOTICE:**

**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. REPLACE TEFLON RINGS OF CONTROL VALVE ASSEMBLY

- (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.**

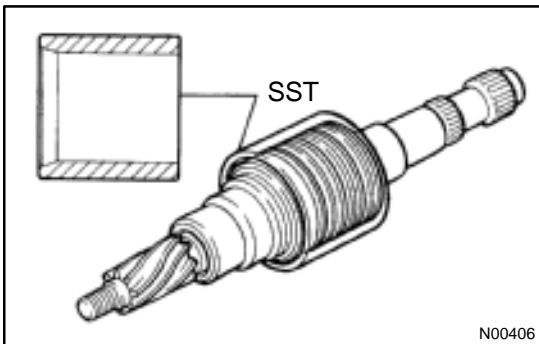
- (b) Expand 4 new teflon rings with your fingers.

### 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.**