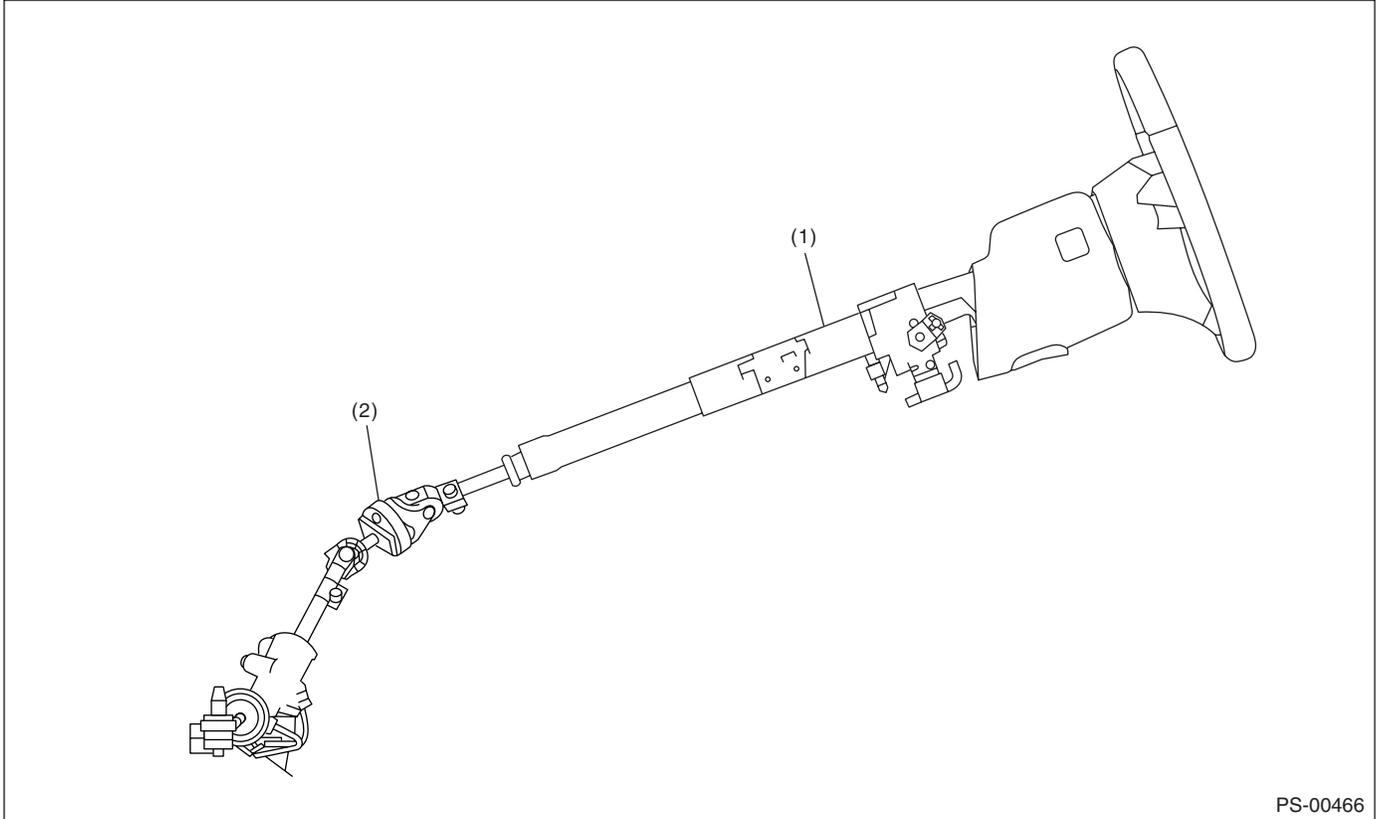


# Tilt Steering Column

POWER ASSISTED SYSTEM (POWER STEERING)

## 4. Tilt Steering Column

### A: REMOVAL



PS-00466

(1) Tilt steering column

(2) Universal joint

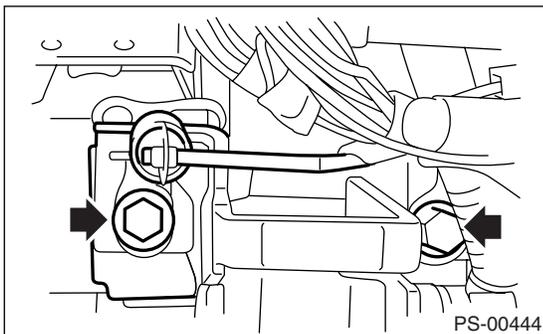
- 1) Remove the steering wheel. <Ref. to PS-14, REMOVAL, Steering Wheel.>
- 2) Remove the universal joint. <Ref. to PS-15, REMOVAL, Universal Joint.>
- 3) Remove the instrument panel lower cover under.
- 4) Remove the instrument panel lower cover upper.
- 5) Remove all connectors from the steering column.
- 6) Remove the two bolts under instrument panel securing steering column.

#### CAUTION:

- Be sure to remove the universal joint before removing steering shaft assembly installing bolts when removing steering shaft assembly or when lowering it for servicing of other parts.
- Do not loosen the tilt lever when the steering column is not secured to the vehicle.

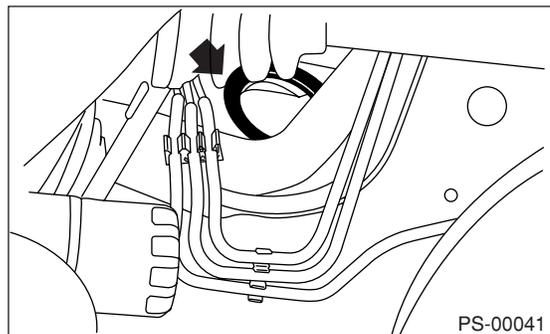
### B: INSTALLATION

- 1) Install the grommet to toe board.



PS-00444

- 7) Pull out the steering shaft assembly from the hole on toe board.



PS-00041

- 2) Insert the end of steering shaft into toe board grommet.
- 3) With the tilt lever secured, tighten the steering shaft mounting bolts under instrument panel.

# Tilt Steering Column

## POWER ASSISTED SYSTEM (POWER STEERING)

### **Tightening torque:**

**25 N·m (2.5 kgf·m, 18.1 ft·lb)**

4) Connect all the connectors under instrument panel.

5) Connect the airbag system connector at the harness spool.

### **NOTE:**

Make sure to apply double lock.

6) Install the instrument panel lower cover with tilt lever held in the lowered position.

7) Install the universal joint. <Ref. to PS-15, INSTALLATION, Universal Joint.>

8) Align the center of roll connector. <Ref. to AB-25, ADJUSTMENT, Roll Connector.>

9) Install the steering wheel. <Ref. to PS-14, INSTALLATION, Steering Wheel.>

### **CAUTION:**

**Insert roll connector guide pin into guide hole on lower end of steering wheel surface to prevent damage.**

## **C: DISASSEMBLY**

Remove the two screws securing upper steering column covers, and the two screws securing combination switch, and then remove the related parts.

## **D: ASSEMBLY**

Insert the combination switch to the upper column shaft, and install the upper column cover. Then route the ignition key harness and combination switch harness between column cover mounting bosses.

### **Tightening torque:**

**1.2 N·m (0.12 kgf·m, 0.9 ft·lb)**

### **CAUTION:**

**Do not overtorque the screw.**

## **E: INSPECTION**

### **1. BASIC INSPECTION**

Measure the overall length of steering column. If not as specified, replace it.

#### **Overall length L:**

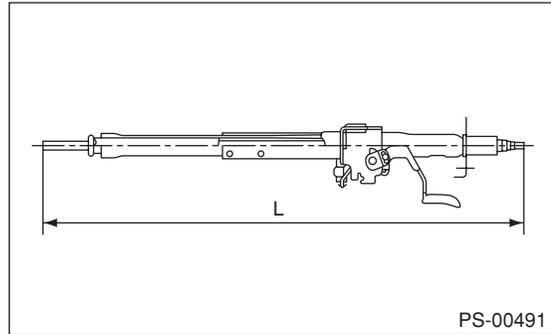
#### **Standard value**

**Except for OUTBACK model**

**$833.6^{+1.3}_{-0.3}$  mm ( $32.82^{+0.051}_{-0.020}$  in)**

**OUTBACK model**

**$825.4^{+1.3}_{-0.3}$  mm ( $32.50^{+0.051}_{-0.020}$  in)**



### **2. AIRBAG MODEL INSPECTION**

#### **WARNING:**

**For airbag inspection procedures, refer to “Airbag System”. <Ref. to AB-5, CAUTION, General Description.>**