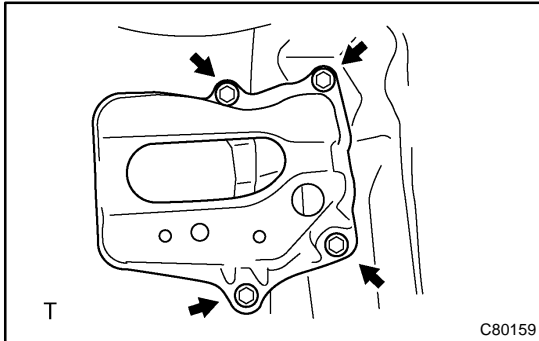


# PARK/NEUTRAL POSITION SWITCH ASSY (ATM)

## REPLACEMENT

400MO-01

### 1. REMOVE BATTERY

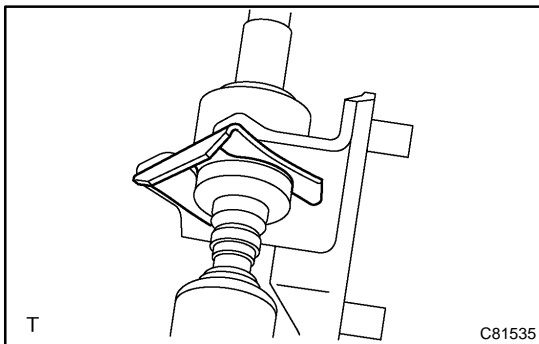


### 2. REMOVE BATTERY CARRIER

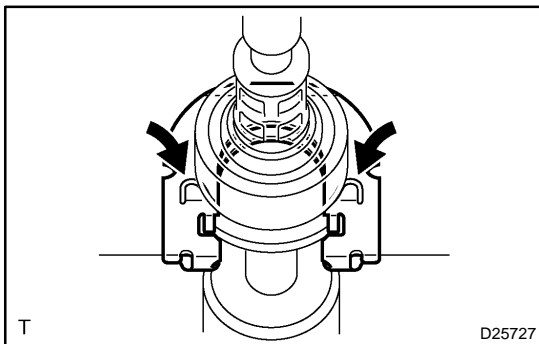
- (a) Remove the 4 bolts and battery carrier.

### 3. DISCONNECT FLOOR SHIFT CABLE TRANSMISSION CONTROL SHIFT

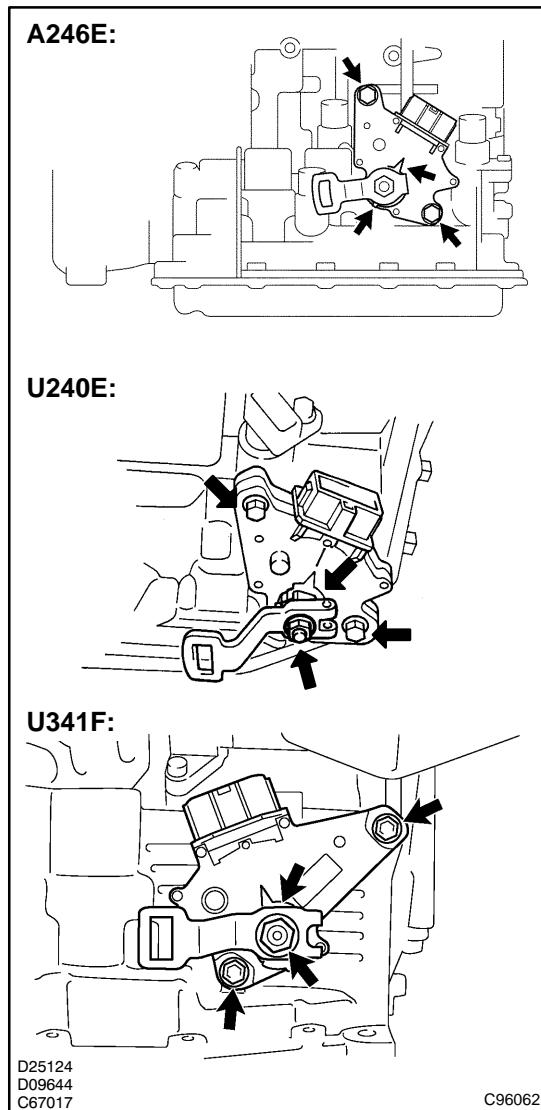
- (a) Remove the nut from the control shaft lever.  
 (b) Disconnect the control cable from the control shaft lever.



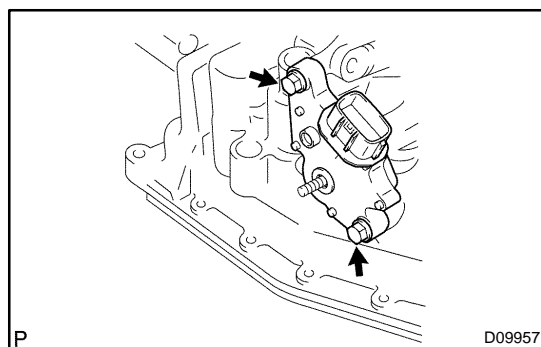
- (c) A246E/U341F:  
 Remove the clip and disconnect the control cable from the bracket.



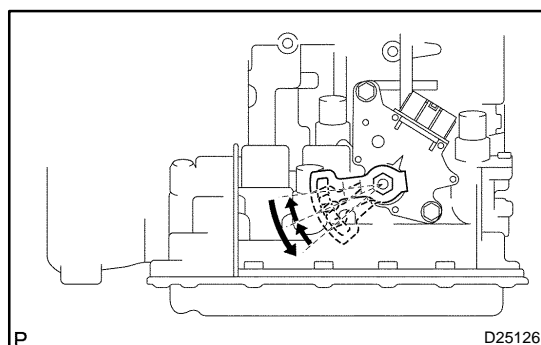
- (d) U240E:  
 Push the claw of the clip and disconnect the control cable from the bracket.  
 (e) U240E:  
 Remove the clip from the bracket.



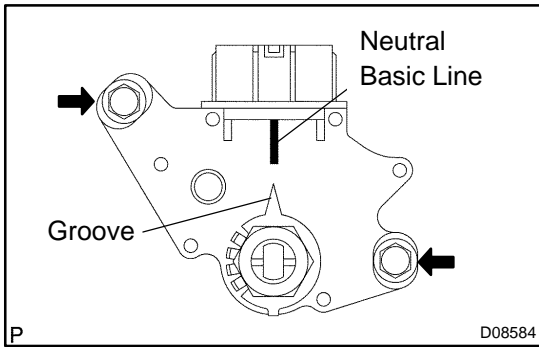
- 4. REMOVE PARK/NEUTRAL POSITION SWITCH ASSY**
- Disconnect the park/neutral position switch connector.
  - Remove the nut, washer and control shaft lever.
  - Pry out the lock plate and remove the manual valve shaft nut.
  - Remove the 2 bolts and pull out the park/neutral position switch.



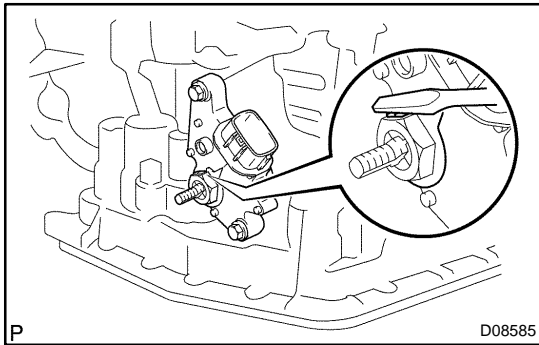
- 5. INSTALL PARK/NEUTRAL POSITION SWITCH ASSY**
- A246E:**
    - Install the park/neutral position switch to the manual valve shaft.
    - Temporarily install the 2 bolts.
    - Place a new lock plate and tighten the nut.**Torque: 5.5 N·m (56 kgf·cm, 49 in·lbf)**
    - Temporarily install the control shaft lever.



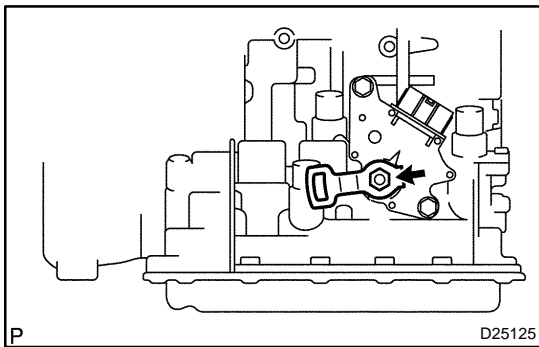
- Turn the lever counterclockwise until it stops, then turn it clockwise 2 notches.
- Remove the control shaft lever.



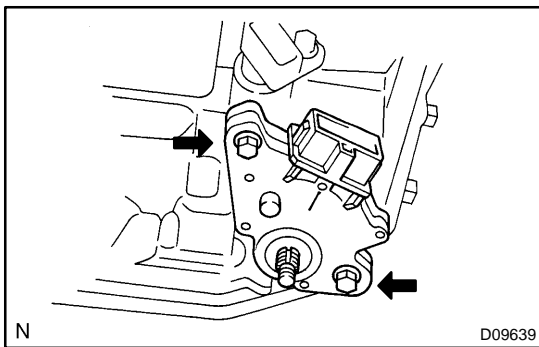
- (7) Align the groove with neutral basic line.
- (8) Hold the switch in position and tighten the 2 bolts.  
**Torque: 5.5 N·m (56 kgf·cm, 49 in.-lbf)**



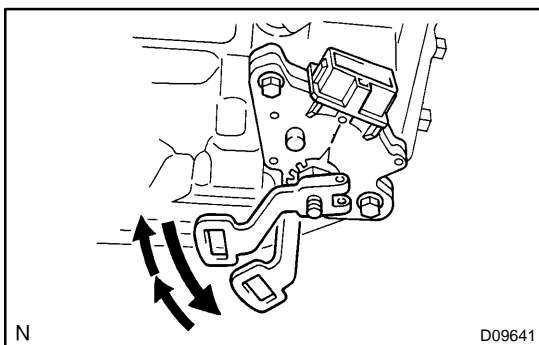
- (9) Using a screwdriver, stake the nut with the lock plate.



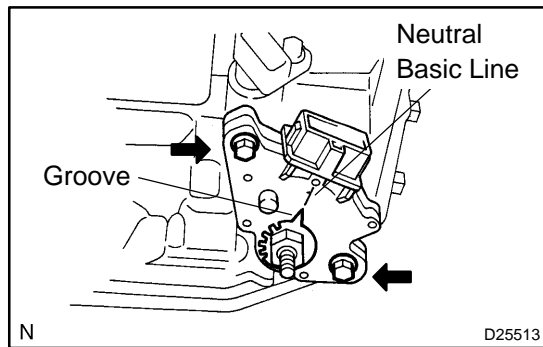
- (10) Install the control shaft lever, washer and nut.  
**Torque: 12.5 N·m (127 kgf·cm, 9 ft.-lbf)**
- (11) Connect the park/neutral position switch connector.



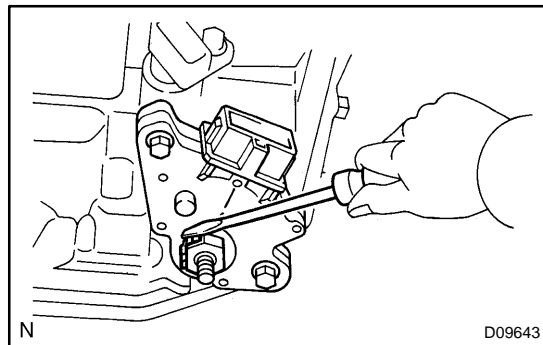
- (b) U240E:
  - (1) Install the park/neutral position switch to the manual valve shaft.
  - (2) Temporarily install the 2 bolts.
  - (3) Place a new lock plate and tighten the nut.  
**Torque: 6.9 N·m (70 kgf·cm, 61 in.-lbf)**
  - (4) Temporarily install the control shaft lever.



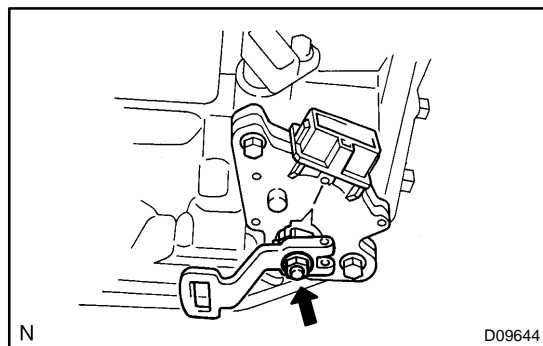
- (5) Turn the lever counterclockwise until it stops, then turn it clockwise 2 notches.
- (6) Remove the control shaft lever.



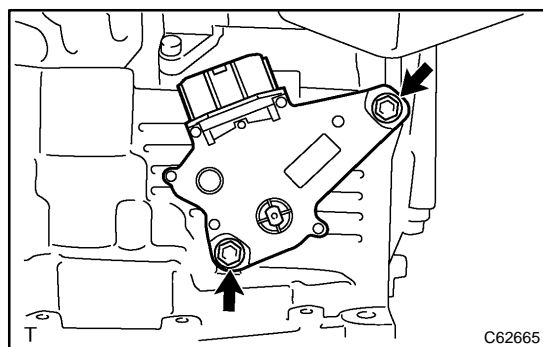
- (7) Align the groove with neutral basic line.
- (8) Hold the switch in position and tighten the 2 bolts.  
**Torque: 5.4 N·m (55 kgf·cm, 48 in.-lbf)**



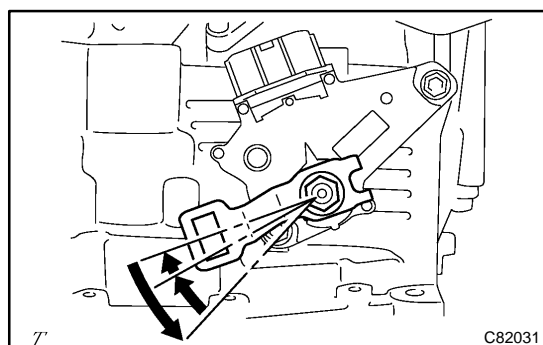
- (9) Using a screwdriver, stake the nut with the lock plate.



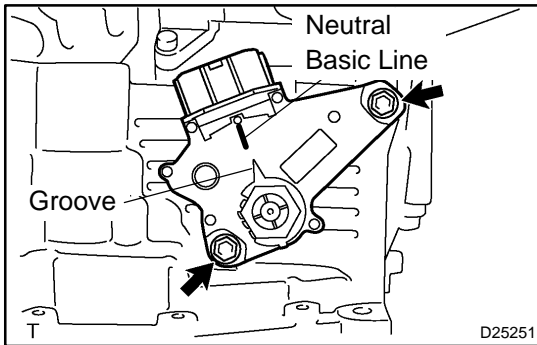
- (10) Install the control shaft lever, washer and nut.  
**Torque: 12.7 N·m (130 kgf·cm, 9 ft.-lbf)**
- (11) Connect the park/neutral position switch connector.



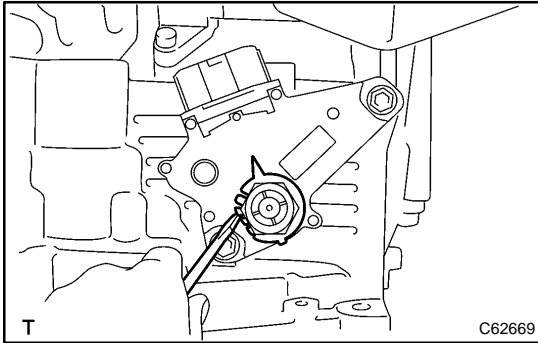
- (c) U341F:
  - (1) Install the park/neutral position switch to the manual valve shaft.
  - (2) Temporarily install the 2 bolts.
  - (3) Place a new lock plate and tighten the nut.  
**Torque: 6.9 N·m (70 kgf·cm, 61 in.-lbf)**
  - (4) Temporarily install the control shaft lever.



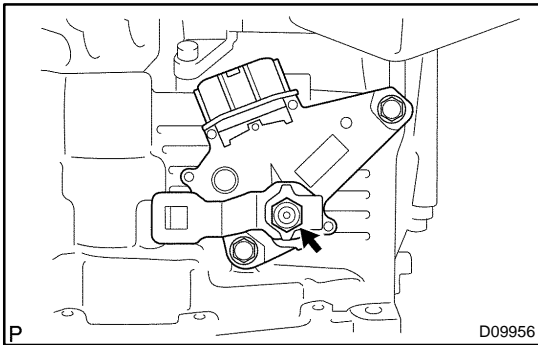
- (5) Turn the lever counterclockwise until it stops, then turn it clockwise 2 notches.
- (6) Remove the control shaft lever.



- (7) Align the groove with neutral basic line.  
 (8) Hold the switch in position and tighten the 2 bolts.  
**Torque: 5.4 N·m (55 kgf·cm, 48 in.-lbf)**



- (9) Using a screwdriver, stake the nut with the lock plate.

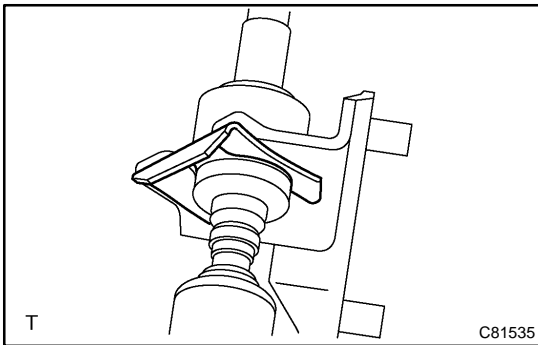


- (10) Install the control shaft lever, washer and nut.  
**Torque: 12.7 N·m (130 kgf·cm, 9 ft·lbf)**

- (11) Connect the park/neutral position switch connector.

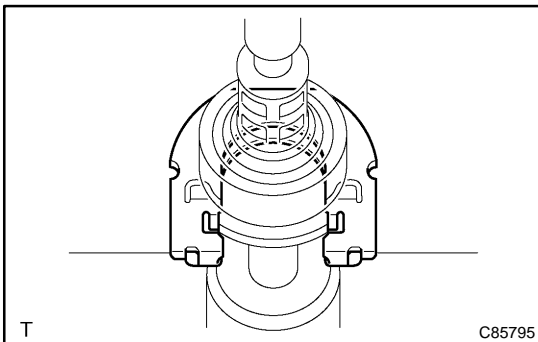
## 6. INSTALL FLOOR SHIFT CABLE TRANSMISSION CONTROL SHIFT

- (a) Temporarily install the control cable to the control shaft lever with nut.



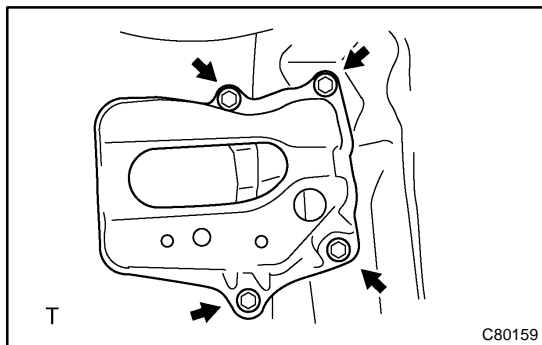
- (b) A246E/U341F:  
 Install the control cable with the clip to the bracket.

**NOTICE:**  
**Insert the cable securely.**



- (c) U240E:  
 Install a new clip to the bracket.  
 (d) U240E:  
 Connect the control cable to the bracket.

**NOTICE:**  
**Insert the cable securely.**

**7. INSTALL BATTERY CARRIER**

(a) Install the battery carrier and 4 bolts.

**Torque: 13 N·m (132 kgf·cm, 10 ft·lbf)**

**8. ADJUST SHIFT LEVER POSITION (See page 40-87)**

**9. INSPECT SHIFT LEVER POSITION (See page 40-87)**

**10. INSPECT PARK/NEUTRAL POSITION SWITCH ASSY (See page 40-9)**