

REMOVAL

1. **REMOVE INSTRUMENT CLUSTER FINISH PANEL SUB-ASSEMBLY CENTER**

HINT:

(See page [IP-5](#))

2. **REMOVE INSTRUMENT CLUSTER FINISH PANEL ASSEMBLY CTR**

HINT:

(See page [IP-5](#))

3. **REMOVE INSTRUMENT PANEL BOX**

HINT:

(See page [IP-5](#))

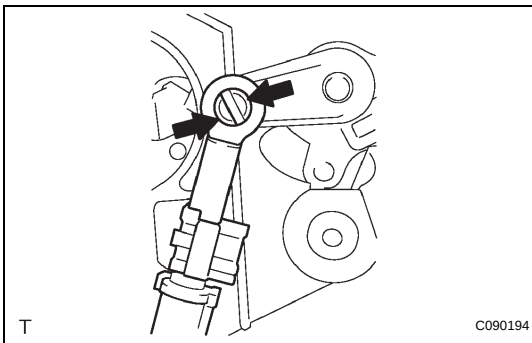
4. **REMOVE INSTRUMENT PANEL FINISH PANEL LOWER CENTER**

HINT:

(See page [IP-5](#))

5. **DISCONNECT FLOOR SHIFT PARKING LOCK CABLE ASSEMBLY**

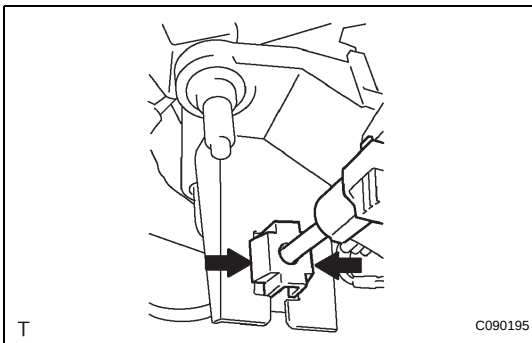
- (a) Push the claw and disconnect the parking lock cable assembly from the shift lock release link.



- (b) Using a screwdriver, disconnect the parking lock cable assembly from the shift lever plate.

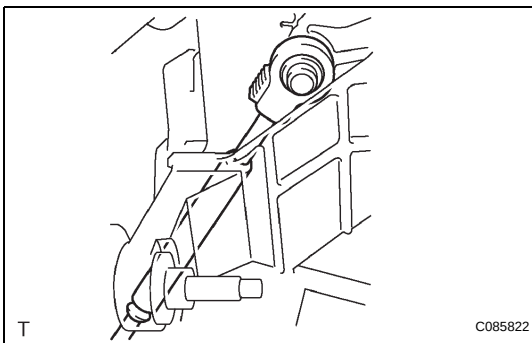
HINT:

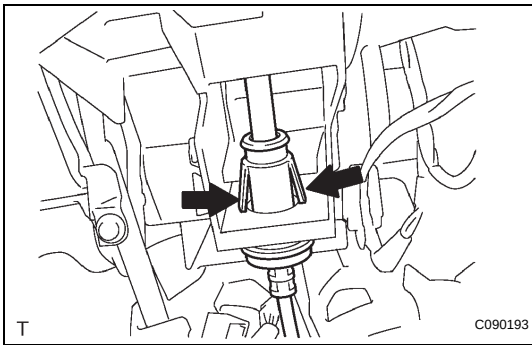
Tape up the screwdriver tip before use.



6. **DISCONNECT TRANSMISSION CONTROL CABLE ASSEMBLY**

- (a) Disconnect the control cable end from the shift lever.

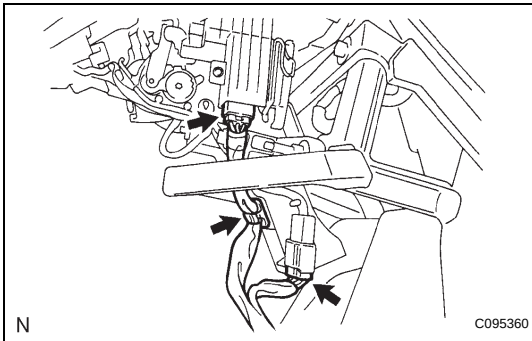




- (b) Using a screwdriver, disconnect the control cable from the shift lever plate.

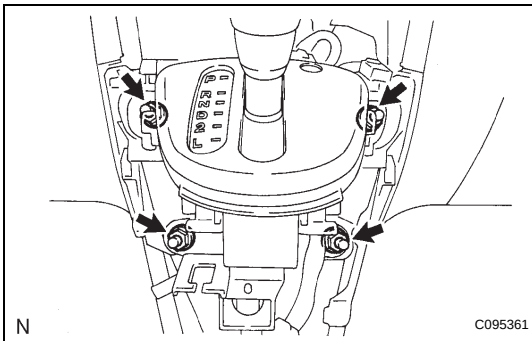
HINT:

Tape up the screwdriver tip before use.

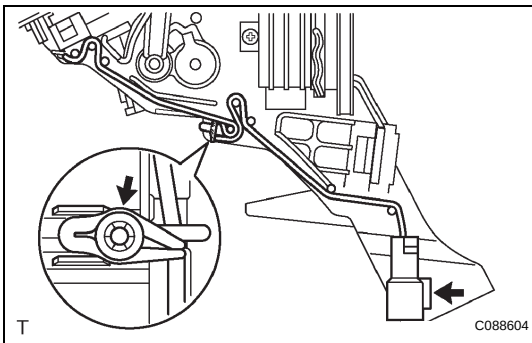


7. REMOVE FLOOR SHIFT ASSEMBLY

- (a) Disconnect the shift lock control ECU connector and indicator lamp wire connector.
(b) Disconnect the wire harness clamp.



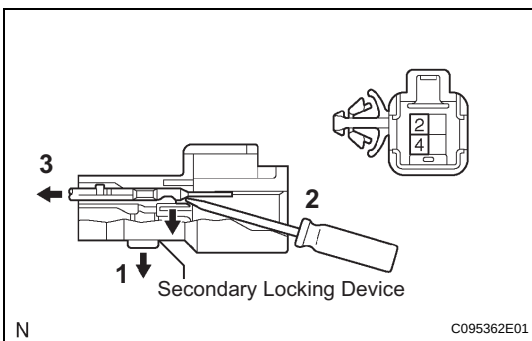
- (c) Remove the 4 nuts and floor shift assembly.



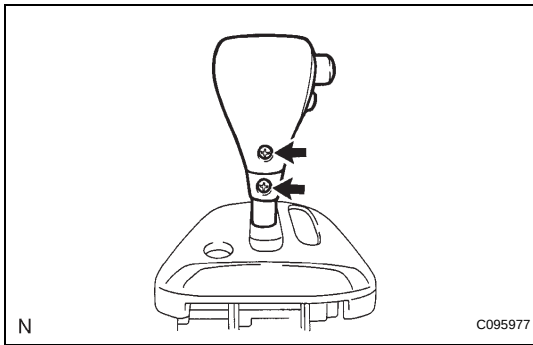
DISASSEMBLY

1. REMOVE SHIFT LEVER KNOB SUB-ASSEMBLY

- (a) Disconnect the indicator light wire connector from the shift lever plate.
(b) Using a screwdriver, remove the push nut.
(c) Separate the wire harness from the shift lever plate.



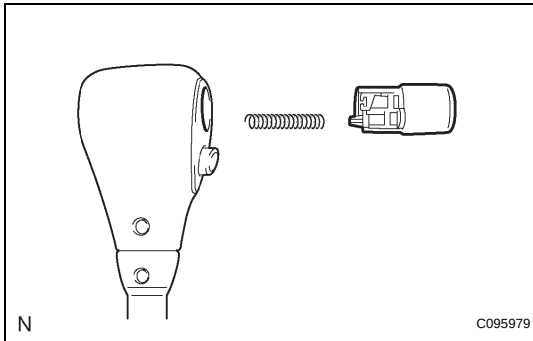
- (d) Disengage the secondary locking device.
(e) Release the locking lug of the terminals 2 and 4, and pull the terminals out from the rearward.



- (f) Remove the 2 screws and shift lever knob sub-assembly with the position indicator slide cover.

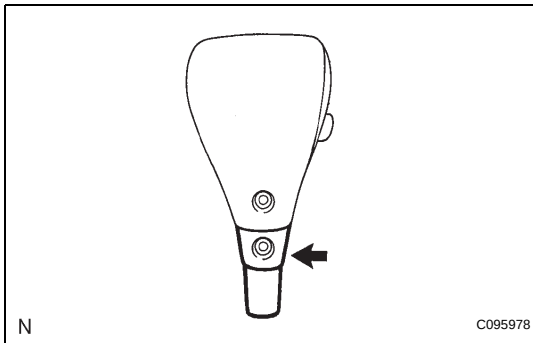
NOTICE:

Pay attention not to apply unnatural load to transmission control switch wire harness.



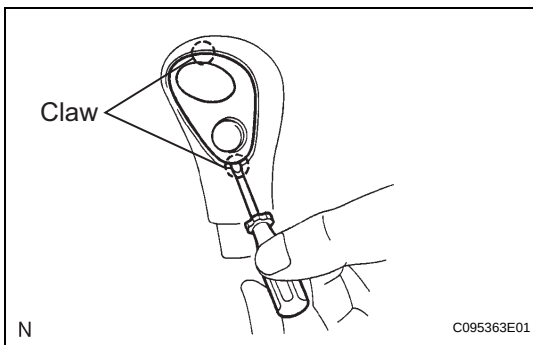
2. REMOVE SHIFT LEVER KNOB BUTTON

- (a) Remove the shift lever knob button and spring from the shift lever knob.



3. REMOVE POSITION INDICATOR SLIDE COVER

- (a) Remove the position indicator slide cover No. 2 from the shift lever knob.

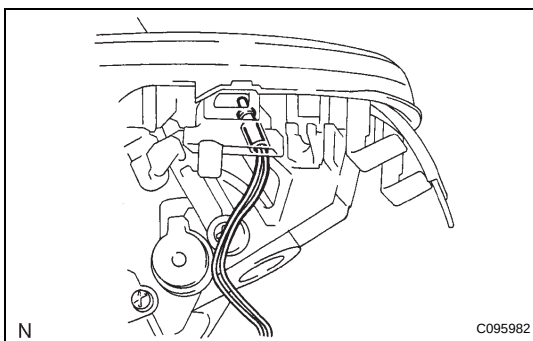


4. REMOVE TRANSMISSION CONTROL SWITCH

- (a) Using a screwdriver, remove the transmission control switch from the shift lever knob.

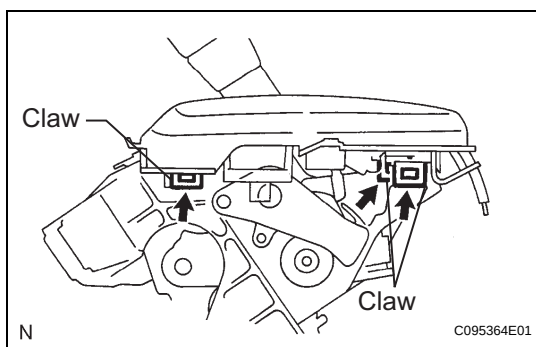
HINT:

Tape up the screwdriver tip before use.



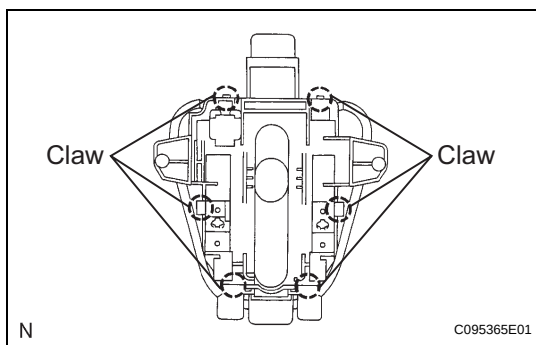
5. REMOVE INDICATOR LIGHT WIRE SUB-ASSEMBLY

- (a) Remove the indicator light wire sub-assembly from the position indicator housing lower.



6. REMOVE POSITION INDICATOR HOUSING LOWER

- (a) Remove the position indicator housing lower with the position indicator housing upper from the shift lever plate.

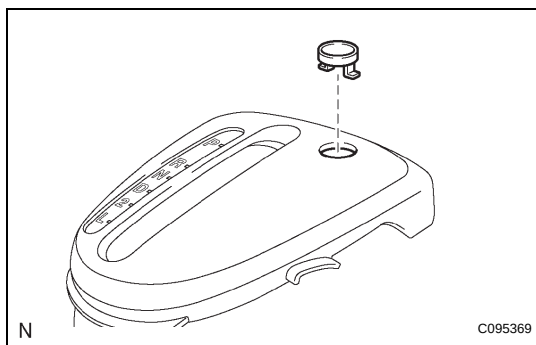


7. REMOVE POSITION INDICATOR HOUSING UPPER

- (a) Using a screwdriver, remove the position indicator housing upper from the position indicator housing lower.

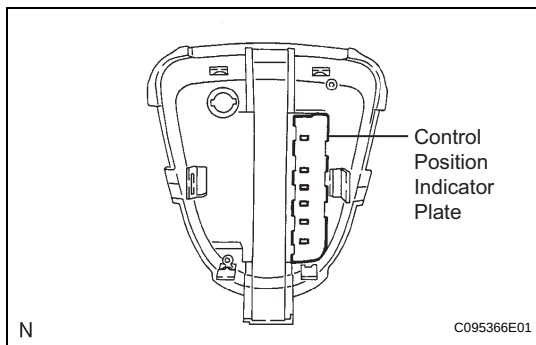
HINT:

Tape up the screwdriver tip before use.



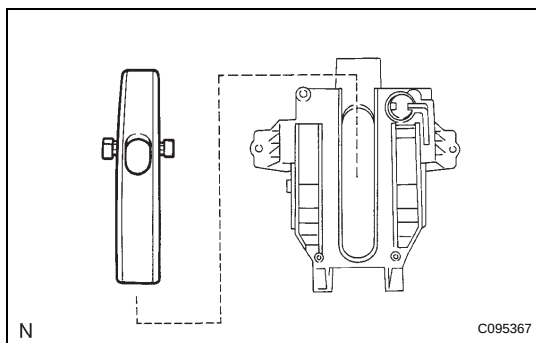
8. REMOVE SHIFT LOCK RELEASE BUTTON COVER

- (a) Using a screwdriver, remove the shift lock release button cover.



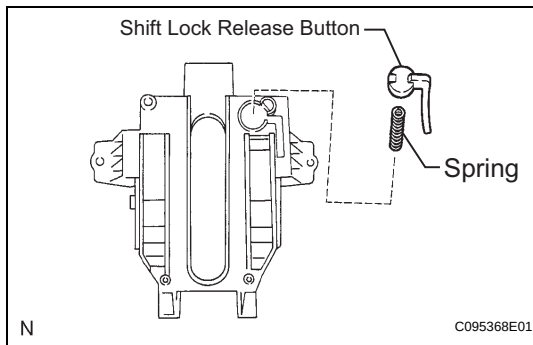
9. REMOVE CONTROL POSITION INDICATOR PLATE

- (a) Remove the position indicator plate from the position indicator housing upper.

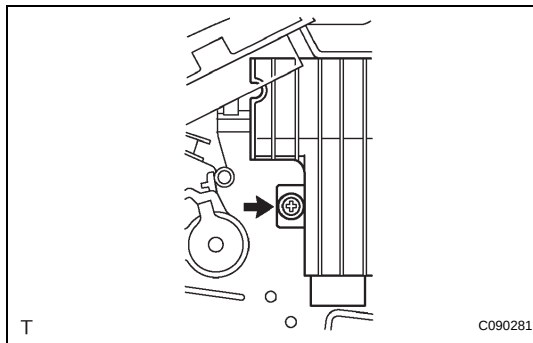


10. REMOVE POSITION INDICATOR SLIDE COVER

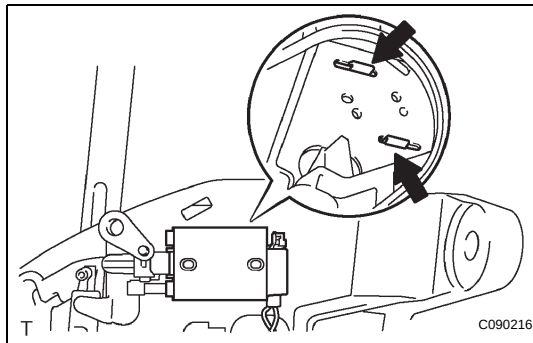
- (a) Remove the position indicator slide cover from the position indicator housing lower.

**11. REMOVE SHIFT LOCK RELEASE BUTTON**

- (a) Remove the shift lock release button and spring from the position indicator housing lower.

**12. REMOVE SHIFT LOCK CONTROL ECU**

- (a) Remove the screw.
- (b) Disconnect the shift lock solenoid connector and remove the shift lock control ECU from the shift lever plate.

**13. REMOVE SHIFT LOCK SOLENOID**

- (a) Using a screwdriver, remove the shift lock solenoid from the shift lever plate.

HINT:

Tape up the screwdriver tip before use.

AX

ADJUSTMENT**1. INSPECT SHIFT LEVER POSITION**

- (a) When shifting the shift lever to each position, make sure that it moves smoothly, and the position indicator displays correctly.

Positions which can be shifted without pressing the shift lever knob button

R → N → D, L → 2 → D → N

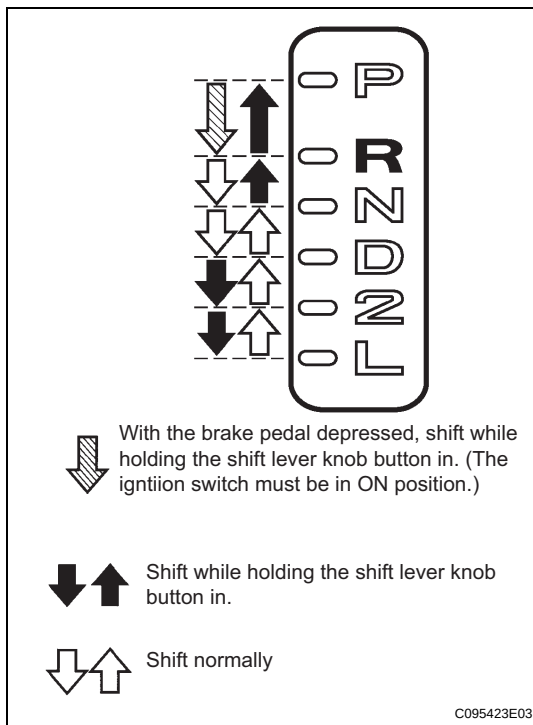
Positions which can be operated only while pressing the shift lever knob button

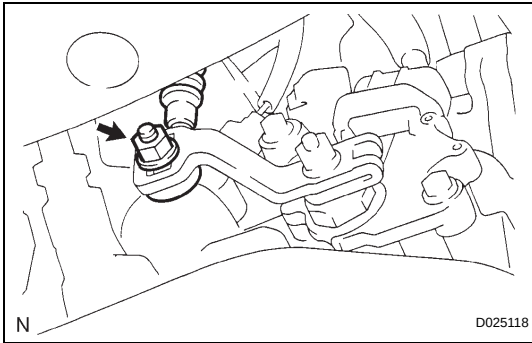
D → 2 → L, N → R → P

Positions which can be operated only while pressing the shift lever knob button, ignition switch ON and brake pedal depressed

P → R

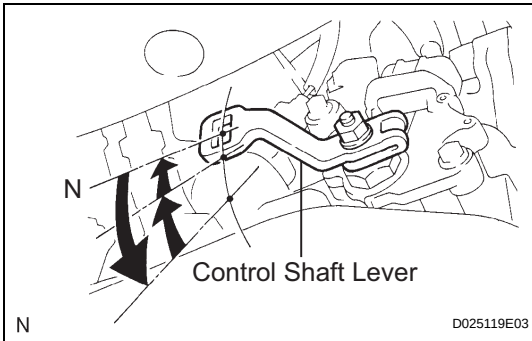
- (b) Start the engine and make sure that the vehicle moves forward when shifting the lever from N to D position, and moves rearward when shifting to R position.





2. ADJUST SHIFT LEVER POSITION

- (a) Remove the nut and disconnect the control cable from the control shaft lever.



- (b) Turn the control shaft lever counterclockwise until it stops.
 (c) Turn it clockwise 2 notches to set it to the N position.
 (d) Move the shift lever to the N position and install the control cable to the control shaft lever with the nut while pushing the end of the control cable up.

Torque: 12 N*m (122 kgf*cm, 9 ft.*lbf)

NOTICE:

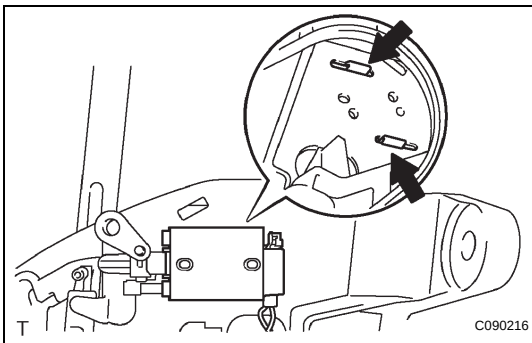
- The shift lever cannot be moved if the end of the control cable is excessively pushed up.
- Tighten the nut while the control cable is properly stretched.

- (e) After adjustment, check that the shift lever moves smoothly and the shift lever and gear operate correctly.

REASSEMBLY

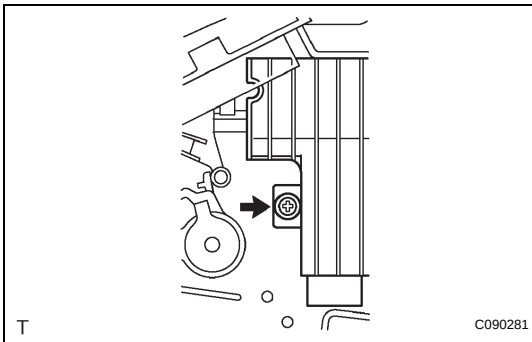
1. INSTALL SHIFT LOCK SOLENOID

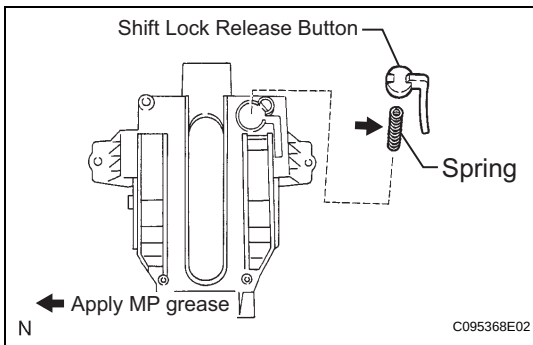
- (a) Install the shift lock solenoid to the shift lever plate.



2. INSTALL SHIFT LOCK CONTROL ECU

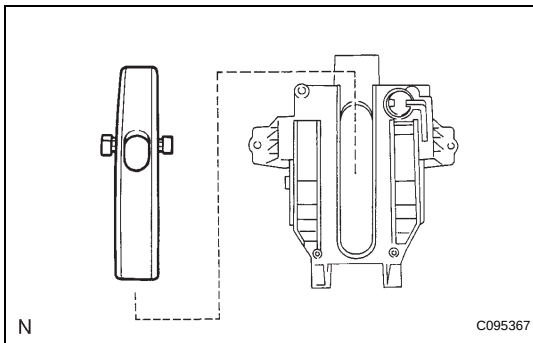
- (a) Connect the shift lock solenoid connector to the shift lock control ECU.
 (b) Install the shift lock control ECU with the screw.





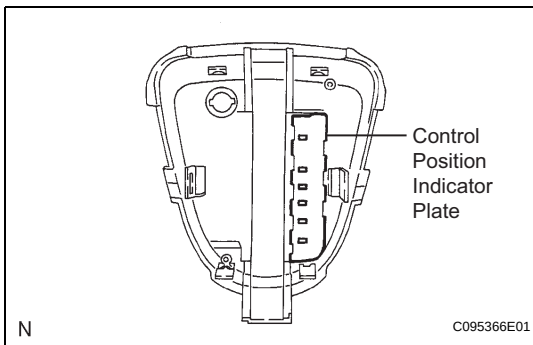
3. INSTALL SHIFT LOCK RELEASE BUTTON

- (a) Apply MP grease to the spring.
- (b) Install the shift lock release button and spring.



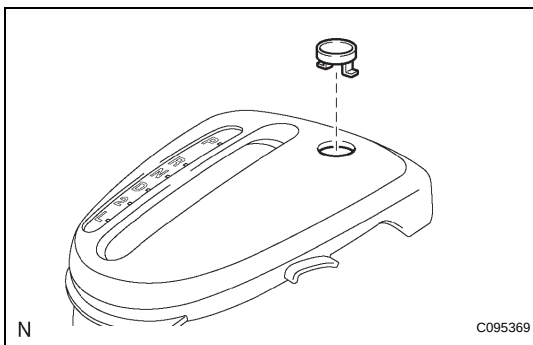
4. INSTALL POSITION INDICATOR SLIDE COVER

- (a) Install the position indicator slide cover to the position indicator housing lower.



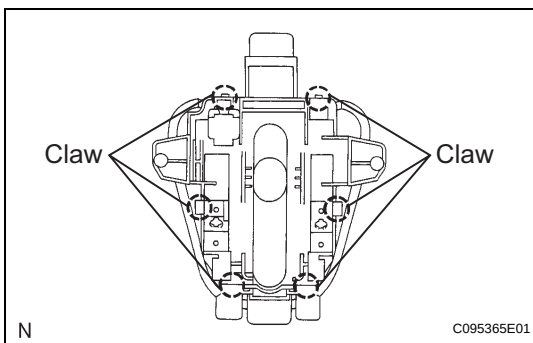
5. INSTALL CONTROL POSITION INDICATOR PLATE

- (a) Install the position indicator plate to the position indicator housing upper.



6. INSTALL SHIFT LOCK RELEASE BUTTON COVER

- (a) Install the shift lock release button cover.

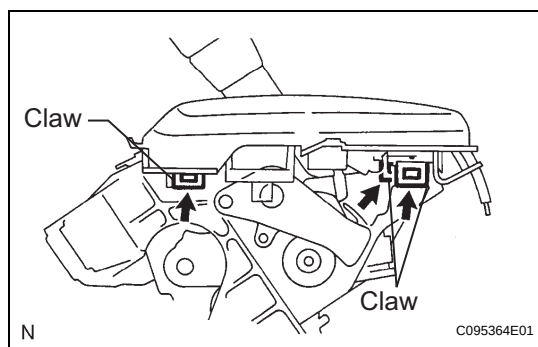


7. INSTALL POSITION INDICATOR HOUSING UPPER

- (a) Install the position indicator housing upper to the position indicator housing lower.

HINT:

Fit the claws securely.

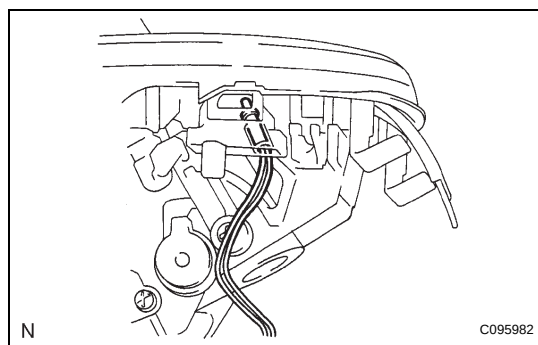


8. INSTALL POSITION INDICATOR HOUSING LOWER

- (a) Install the position indicator housing lower with the position indicator housing upper to the shift lever plate.

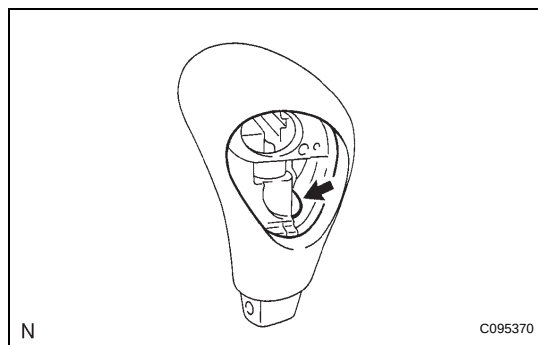
HINT:

Fit the claws securely.



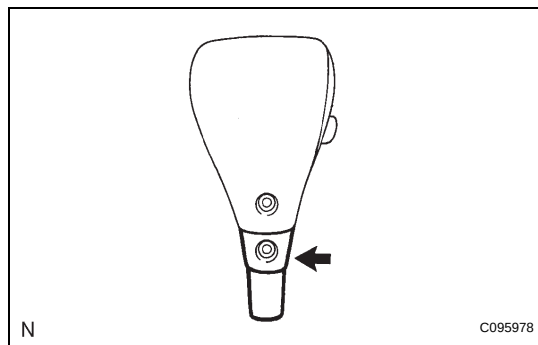
9. INSTALL INDICATOR LIGHT WIRE SUB-ASSEMBLY

- (a) Install the indicator light wire sub-assembly to the position indicator housing lower.



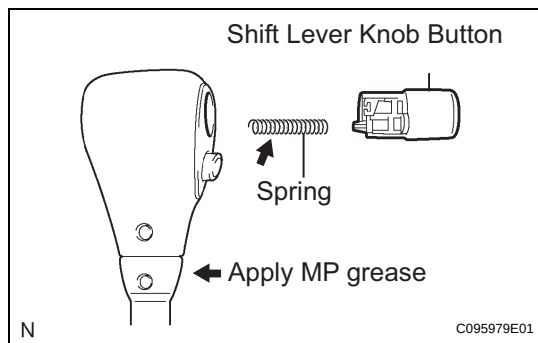
10. INSTALL TRANSMISSION CONTROL SWITCH

- (a) Insert the wire harness into the shift lever knob from the part shown by the arrow, and install the transmission control switch to the shift lever knob.



11. INSTALL POSITION INDICATOR SLIDE COVER

- (a) Install the position indicator slide cover No. 2 to the shift lever knob.



12. INSTALL SHIFT LEVER KNOB BUTTON

- (a) Apply MP grease to the spring and shift lever knob button.
- (b) Install the spring and shift lever knob button to the shift lever knob.