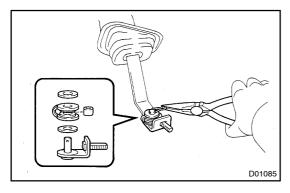
#### AT065-05

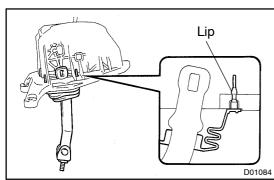
## REASSEMBLY

#### HINT:

Before reassembly, rapply MP grease to the parts indicated by arrows See page AT-1).



- 1. INSTALL[CLIP,[CONNECTING[ROD[\$WIVEL,[LOWER CONTRO]] SHAFT[BUSHING]]LOWER[CONTRO] SHAFT[PIECE,[PLATE[WASHER[AND[\$HIFT[LEVER BOOT]TO[CONTROL]LEVER
- (a) Install he hift ever boot, plate washers, wer control shaft piece, wer control haft bushing and connecting rod wive he control ever.
- (b) Using pliers, install the clip.



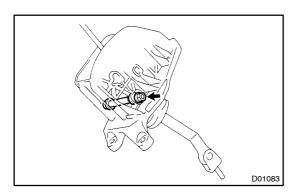
## 2. INSTALL CONTROL LEVER, SPACER AND CONTROL SHAFT

(a) Connect the shift lever boot to the shift lever plate.

### HINT:

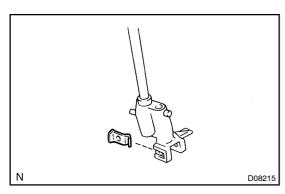
Pull out the 3 lips of the shift lever boot securely, as shown in the illustration.

(b) Using a wire brush, remove the adhesive adhered to the threads of control shaft.



- (c) Install the control shaft and 2 spacers.
- (d) Install the washer and torque a new nut.

Torque: 19 N·m (194 kgf·cm, 14 ft·lbf)

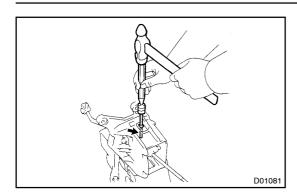


## 3. INSTALL SHIFT LEVER SUB-ASSEMBLY

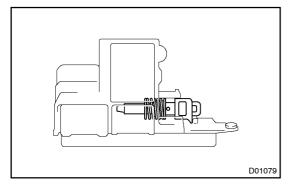
(a) Install a new shift lever nut to the shift lever sub-assembly.

## HINT:

Insert the shift lever nut securely until it fits and check there is no looseness.



- (b) Install the shift lever sub-assembly.
- (c) Using a pin punch and hammer, drive in the pin.



## 4. INSTALL SHIFT LOCK CONTROL UNIT ASSEMBLY

- (a) Connect the shift lock solenoid link and install a new slotted spring pin.
- (b) Install the compression spring to the shift lock solenoid link.
- (c) Push and install the shift lock solenoid link with the compression spring to the shift lock control unit assembly.
- (d) Install the shift lock control unit assembly.

## HINT:

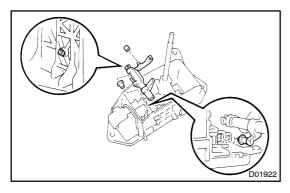
Do not torque the shift lock control unit assembly set screws.

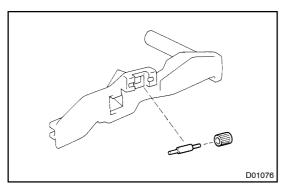


- (a) Install the shift lever anti-rattle cushion and shift lock plate stopper cap to the shift lock plate stopper.
- (b) Install the shift lock release spring to the shift lock plate stopper.
- (c) Install the stopper to the shift lever plate.

## HINT:

- Check that the claw of the shift lock plate stopper firmly fits in and slides smoothly.
- Insert and connect the projection of the shift lock plate stopper into the square hole of the shift lock control unit assembly.

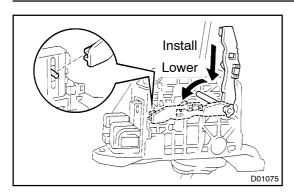




## 6. INSTALL NO.1 SHIFT LOCK SWITCH PLATE

- (a) Install the shift lever anti-rattle cushion to the roller.
- (b) Install the roller and shift lever anti-rattle cushion to the plate.

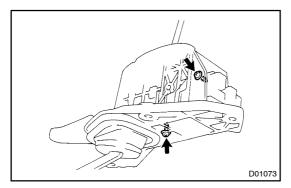
LEXUS GS430/GS300 SUP (RM879E)



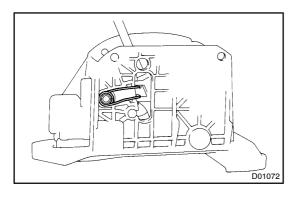
(c) Install the No.1 shift lock switch plate in the direction shown in the illustration and lower to the direction shown by an arrow.

#### HINT:

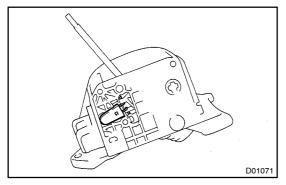
Connect the groove of the No.1 shift lock switch plate to the projection of the shift lock control unit assembly.



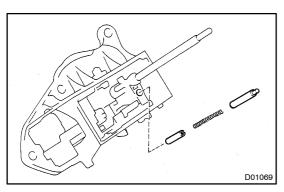
7. INSTALL AND TORQUE 2 SHIFT LOCK CONTROL UNIT ASSEMBLY SET SCREWS
Torque: 2.0 N·m (20 kgf·cm, 17 in.·lbf)



- 8. INSTALL SPRING HOLDER AND SHIFT LEVER TOR-SION SPRING
- (a) Install the shift lever torsion spring.

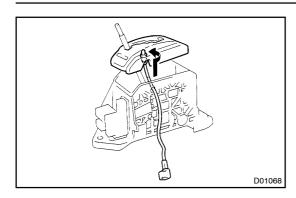


(b) Install the spring holder.



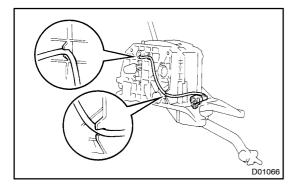
- 9. INSTALL SHIFT LEVER DETENT PIN, SHIFT LEVER SPRING DAMPER AND COMPRESSION SPRING TO SHIFT LEVER SUB-ASSEMBLY
- 10. ASSEMBLE INDICATOR LAMP SUB-ASSEMBLY
- (a) Install the terminals of the indicator lamp wire sub-assembly to the connector.
- (b) Install the bulb to the indicator lamp wire sub-assembly.

LEXUS GS430/GS300 SUP (RM879E)



## 11. INSTALL SHIFT LEVER GUIDE HOUSING AND INDI-CATOR LAMP SUB-ASSEMBLY

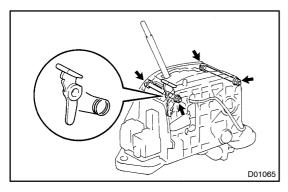
- (a) Install the indicator lamp sub–assembly to the shift lever guide housing.
- (b) Install the shift lever housing with the indicator lamp subassembly to the shift lever plate.



(c) Connect the indicator lamp wire sub-assembly to the shift lever plate.

### HINT:

Hook the indicator lamp wire sub-assembly securely on the retainer of the shift lock plate.

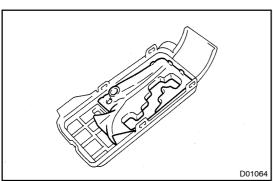


#### 12. INSTALL SHIFT LOCK RELEASE LINK AND SPRING

- (a) Install the shift lock release spring to the shift lock release link.
- (b) Install the 2 shift lever housing set bolts, nuts, shift lock release link and spring.
- (c) Torque the 2 nuts.

Torque: 3.9 N·m (40 kgf·cm, 35 in.·lbf)

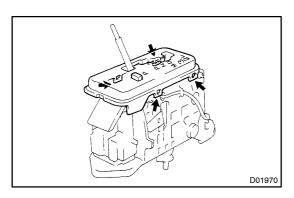
13. INSTALL SLIDE COVER



# 14. INSTALL POSITION INDICATOR LENS TO POSITION INDICATOR HOUSING

## HINT:

Fit the 4 claws of the position indicator lens in the grooves of the position indicator housing securely.

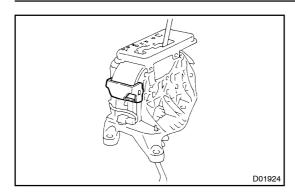


## 15. INSTALL POSITION INDICATOR HOUSING

- (a) Install the shift lock release button to the position indicator housing.
- (b) Install the position indicator housing to the shift lever plate.

#### HINT:

Fit the 4 clips of the position indicator housing in the shift lever plate securely.



- 16. INSTALL WIRE PROTECTOR TO SHIFT LEVER PLATE
- 17. INSTALL SHIFT LEVER KNOB