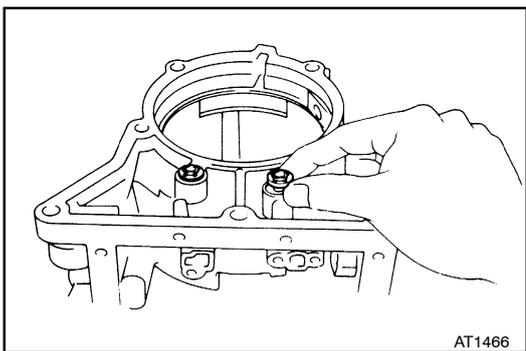
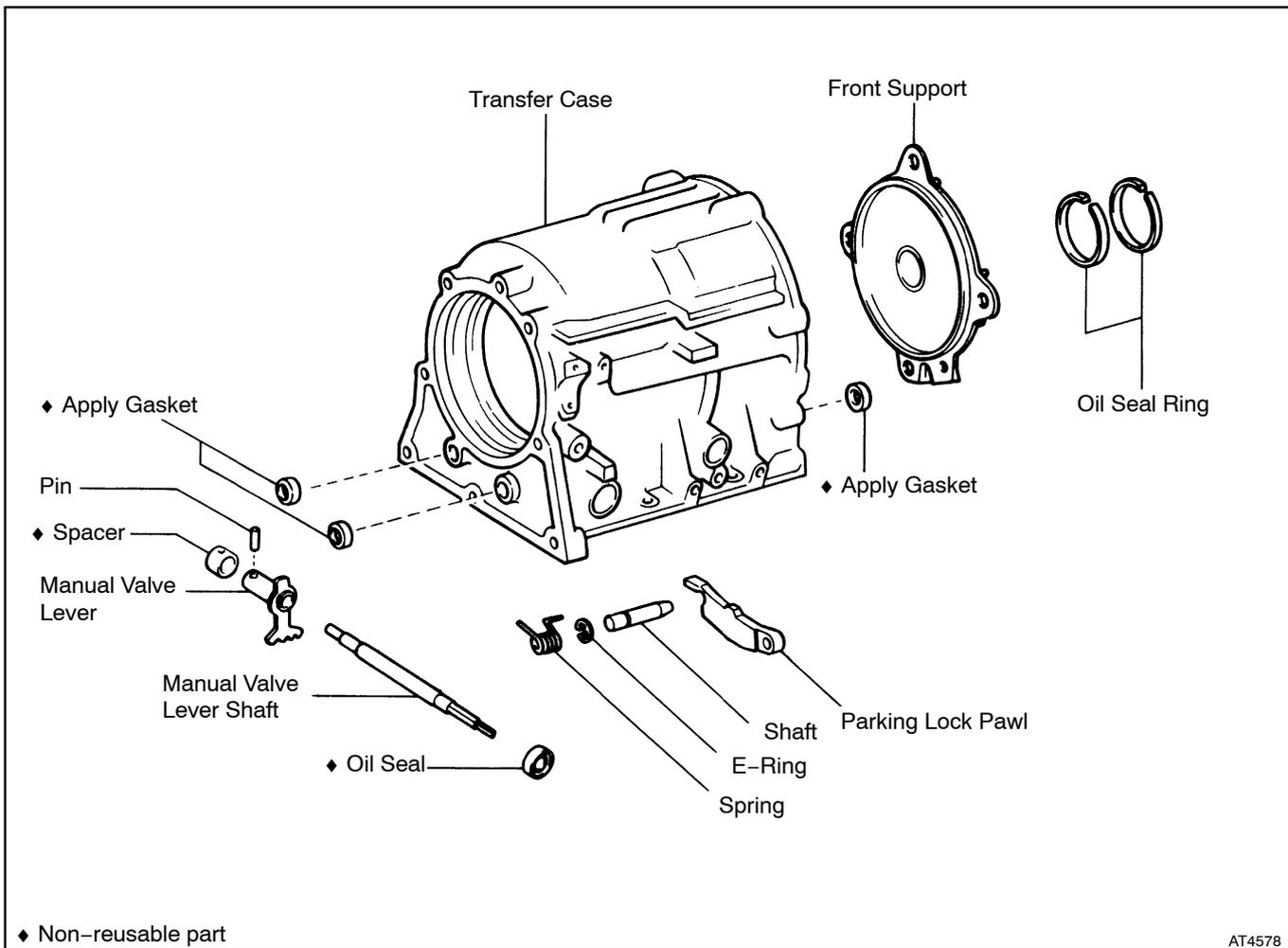


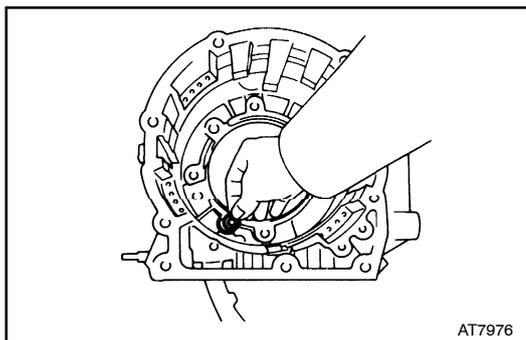
# Transfer Case and Front Support COMPONENTS



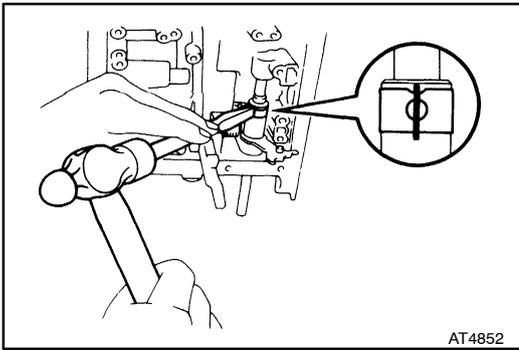
## DISASSEMBLY OF TRANSFER CASE AND FRONT SUPPORT

### 1. REMOVE APPLY GASKETS

- (a) Remove the two apply gaskets from the transfer case front side.

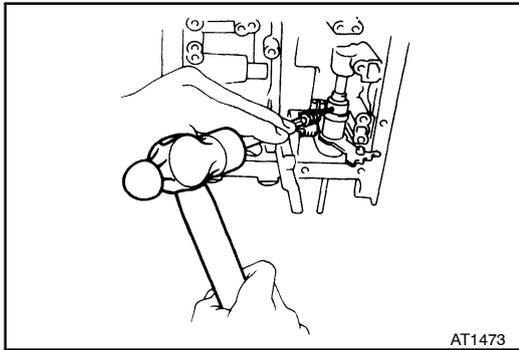


- (b) Remove the apply gasket from the transfer case inner side.

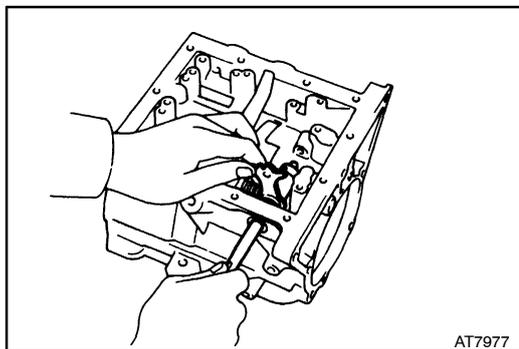


## 2. REMOVE TRANSFER MANUAL VALVE LEVER AND SHAFT

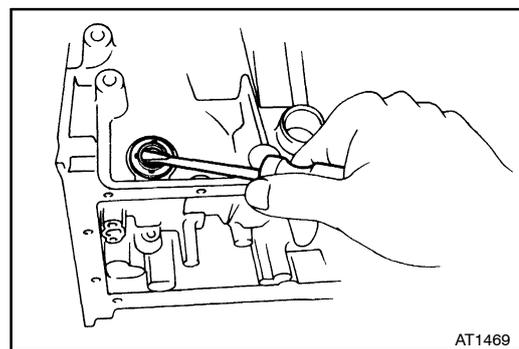
- (a) Using a chisel, cut off the spacer and remove it from the shaft.



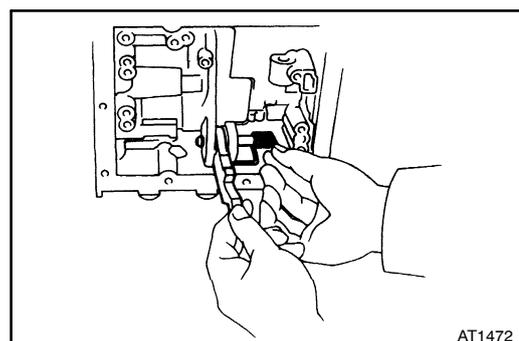
- (b) Using a pin punch and hammer, drive out the pin.



- (c) Slide the shaft out through the case and remove the manual valve lever.

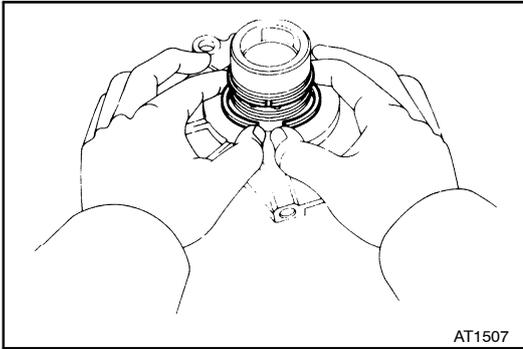


- (d) Using a screwdriver, remove the oil seal from the case.

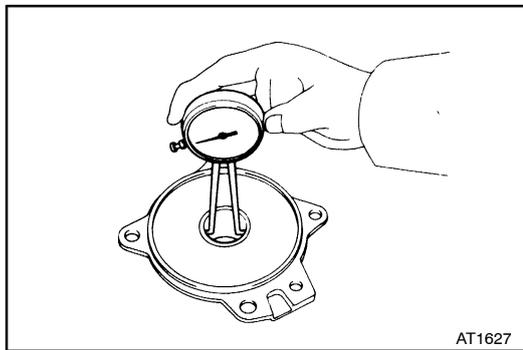


## 3. REMOVE SPRING, SHAFT AND PARKING LOCK PAWL

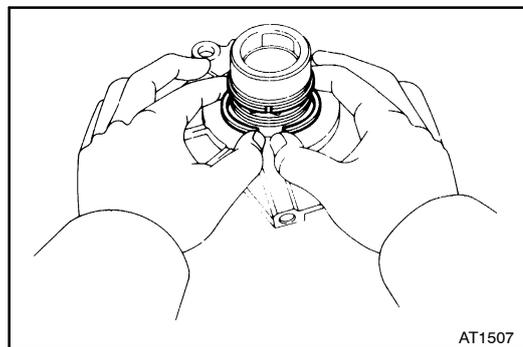
- (a) Remove the spring, shaft and parking lock pawl.  
 (b) Remove the E-ring from the shaft.



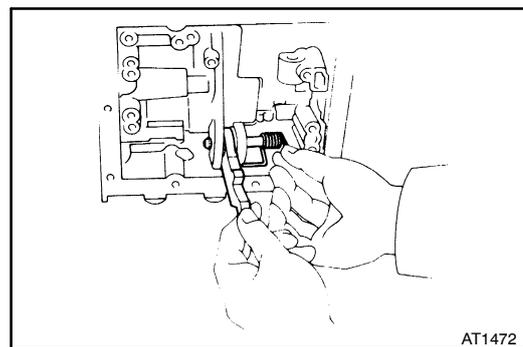
AT1507



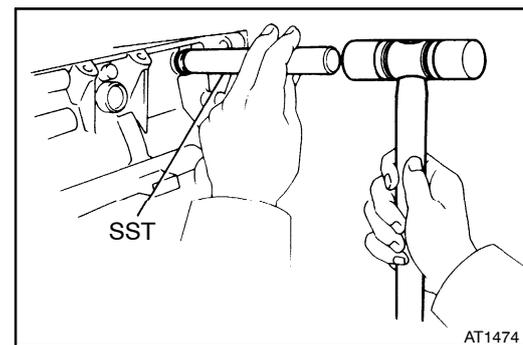
AT1627



AT1507



AT1472



AT1474

#### 4. REMOVE OIL SEAL RINGS FROM FRONT SUPPORT

### INSPECTION OF FRONT SUPPORT

#### INSPECT FRONT SUPPORT BUSHING

Using a dial indicator, measure the inside diameter of the front support bushing.

**Maximum inside diameter: 31.40 mm (1.2362 in.)**

If the inside diameter is greater than the maximum, replace the front support.

### ASSEMBLY OF TRANSFER CASE AND FRONT SUPPORT

#### 1. INSTALL OIL SEAL RINGS TO FRONT SUPPORT

Coat the two oil seal rings with ATF and install them onto the front support.

**NOTICE: Do not spread the ring ends more than necessary.**

**HINT:** After installing the oil seal rings, check that they rotate smoothly.

#### 2. INSTALL PARKING LOCK PAWL, SHAFT AND SPRING IN CASE

(a) Install the E-ring to the shaft.

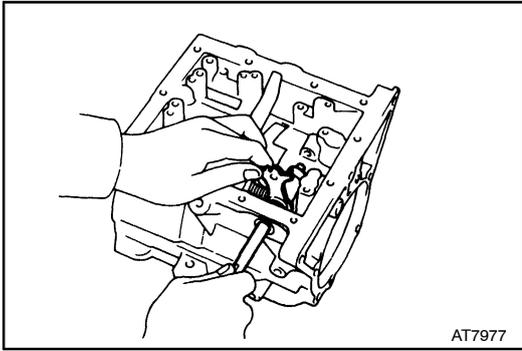
(b) Install the parking lock pawl, shaft and spring.

#### 3. INSTALL MANUAL VALVE LEVER AND SHAFT

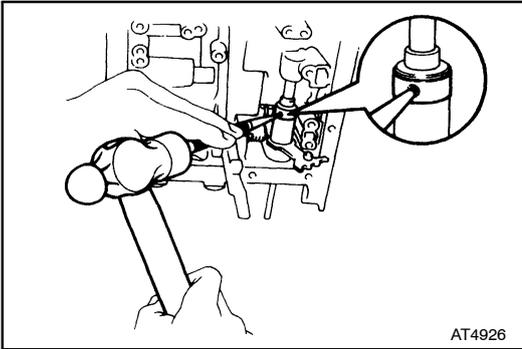
(a) Using SST and a hammer, drive in a new oil seal to the case.

SST 09350-30020 (09350-07110)

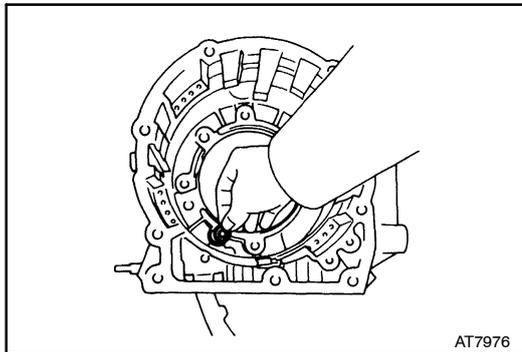
(b) Coat the oil seal lip with MP grease.



- (c) Assemble a new spacer to the manual valve lever.
- (d) Install the manual valve lever shaft to the transfer case through the manual valve lever.
- (e) Drive in the roll pin to the shaft.

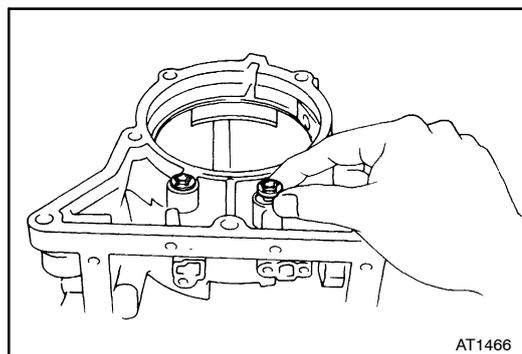


- (f) Match the spacer hole to the lever calking hollow and calk the spacer to the lever.
- (g) Make sure the manual valve lever shaft turns smoothly.



#### 4. INSTALL APPLY GASKETS

- (a) Install a new apply gasket to the transfer case inner side.



- (b) Install new two apply gaskets to the transfer case front side.