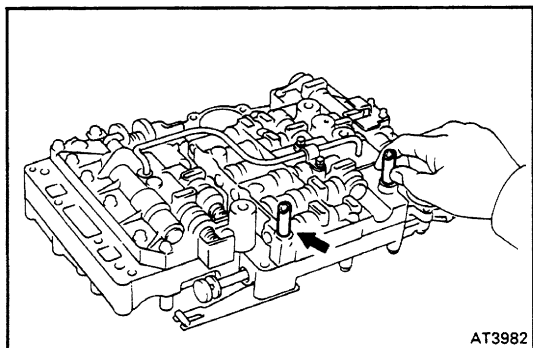
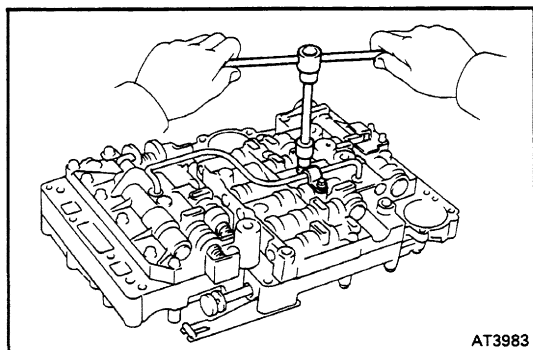




## Disassembly of Valve Body

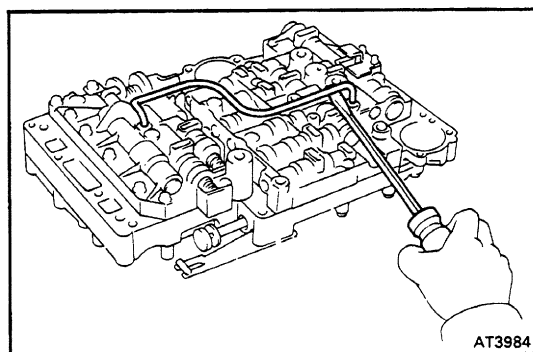
### 1. REMOVE LINE PRESSURE TUBES

Remove the two pressure tubes.

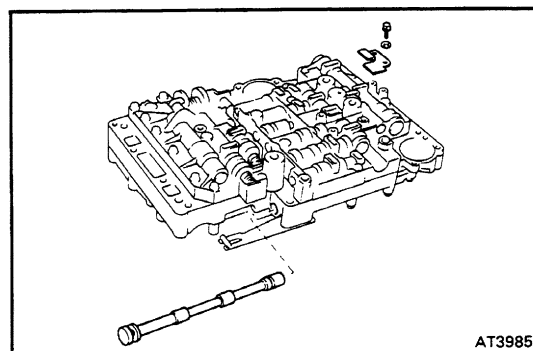


### 2. REMOVE OIL TUBE

(a) Remove the two bolts, wave washers and tube clamp.



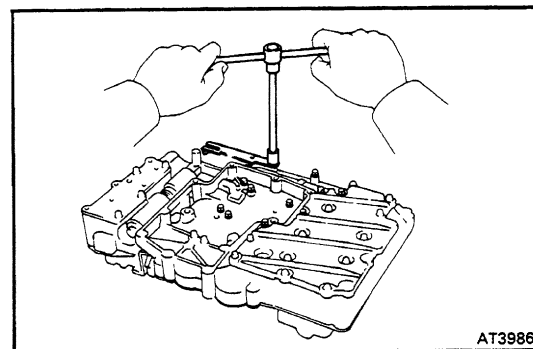
(b) Using a large screwdriver, pry out the oil tube.



### 3. REMOVE MANUAL VALVE

### 4. REMOVE CLAMP

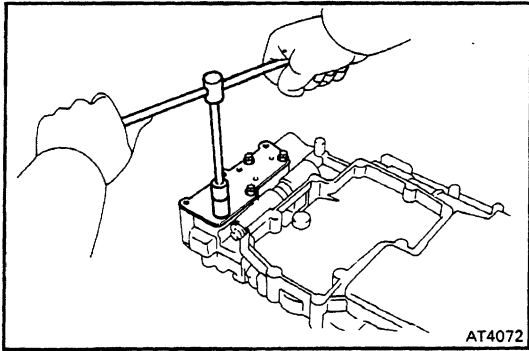
Remove the two bolts, wave washers and clamp.



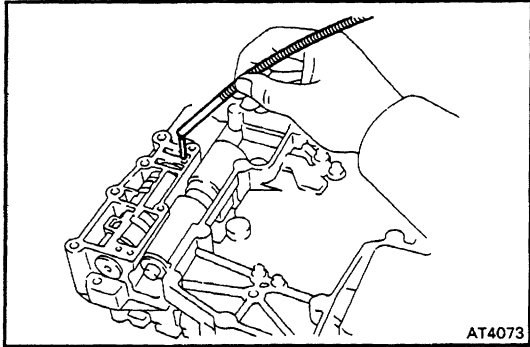
### 5. REMOVE MANUAL DETENT SPRING

(a) Turn over the valve body assembly.

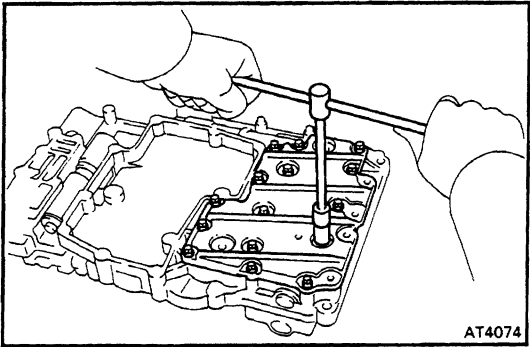
(b) Remove the bolt, wave washer, spring cover, detent spring and spacer.

**6. REMOVE LOCK-UP RELAY VALVE BODY PLATE**

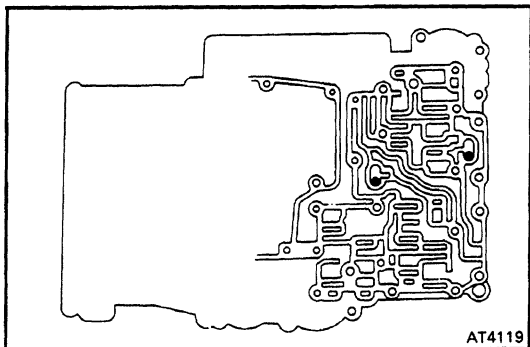
Remove the four bolts, wave washers, body plate and gasket.

**7. REMOVE LOCK-UP RELAY VALVE SLEEVE PIN**

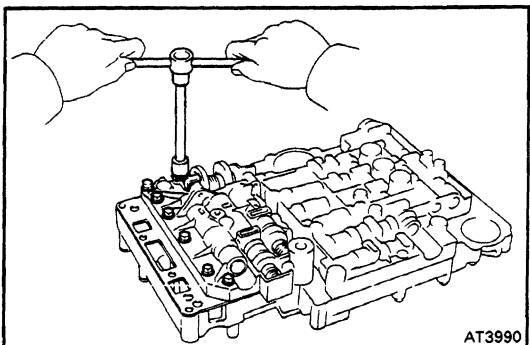
Using a magnetic finger, remove the sleeve pin.

**8. REMOVE LOWER VALVE BODY COVER AND PLATE**

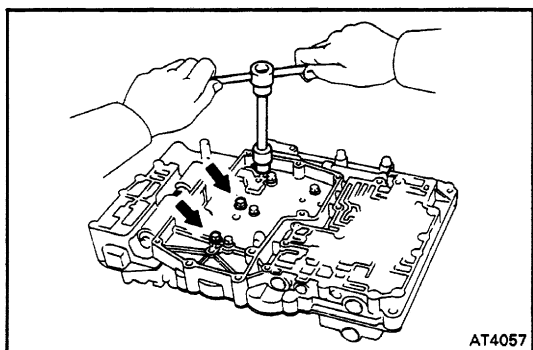
Remove the fifteen bolts, wave washers, body cover, two gaskets and body plate.

**9. REMOVE CHECK BALL**

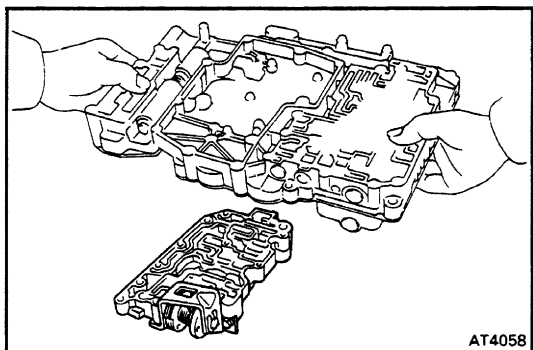
Remove the two check balls from the lower valve body.

**10. REMOVE FRONT UPPER VALVE BODY**

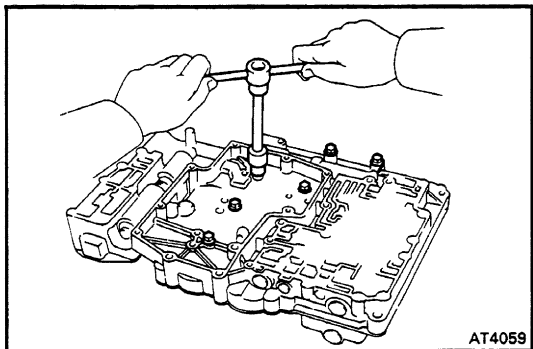
- (a) Turn over the valve body assembly.
- (b) Remove the seven bolts and wave washers.



- (c) Turn over the valve body assembly.
- (d) Remove the three bolts and wave washers.

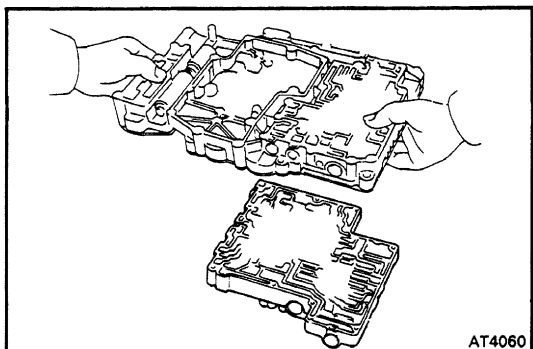


- (e) Remove the front upper valve body by lifting up the lower valve body.

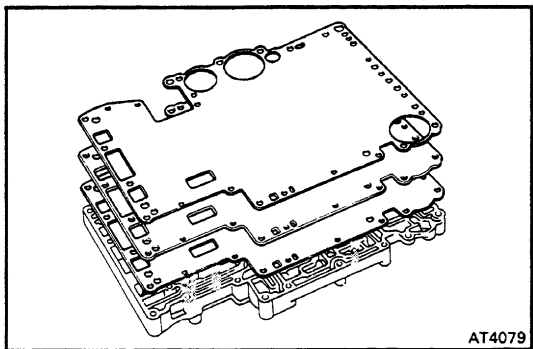


#### 11. REMOVE REAR UPPER VALVE BODY

- (a) Remove the six bolts and wave washers.
- (b) Hold the valve body plate to the lower valve plate.



- (c) Remove the rear upper valve body by lifting up the lower valve body.
- HINT: Be careful that the check balls and springs do not fall out.



#### 12. REMOVE VALVE BODY PLATE

- (a) Turn over the valve body assembly.
- (b) Remove the two gaskets and body plate.