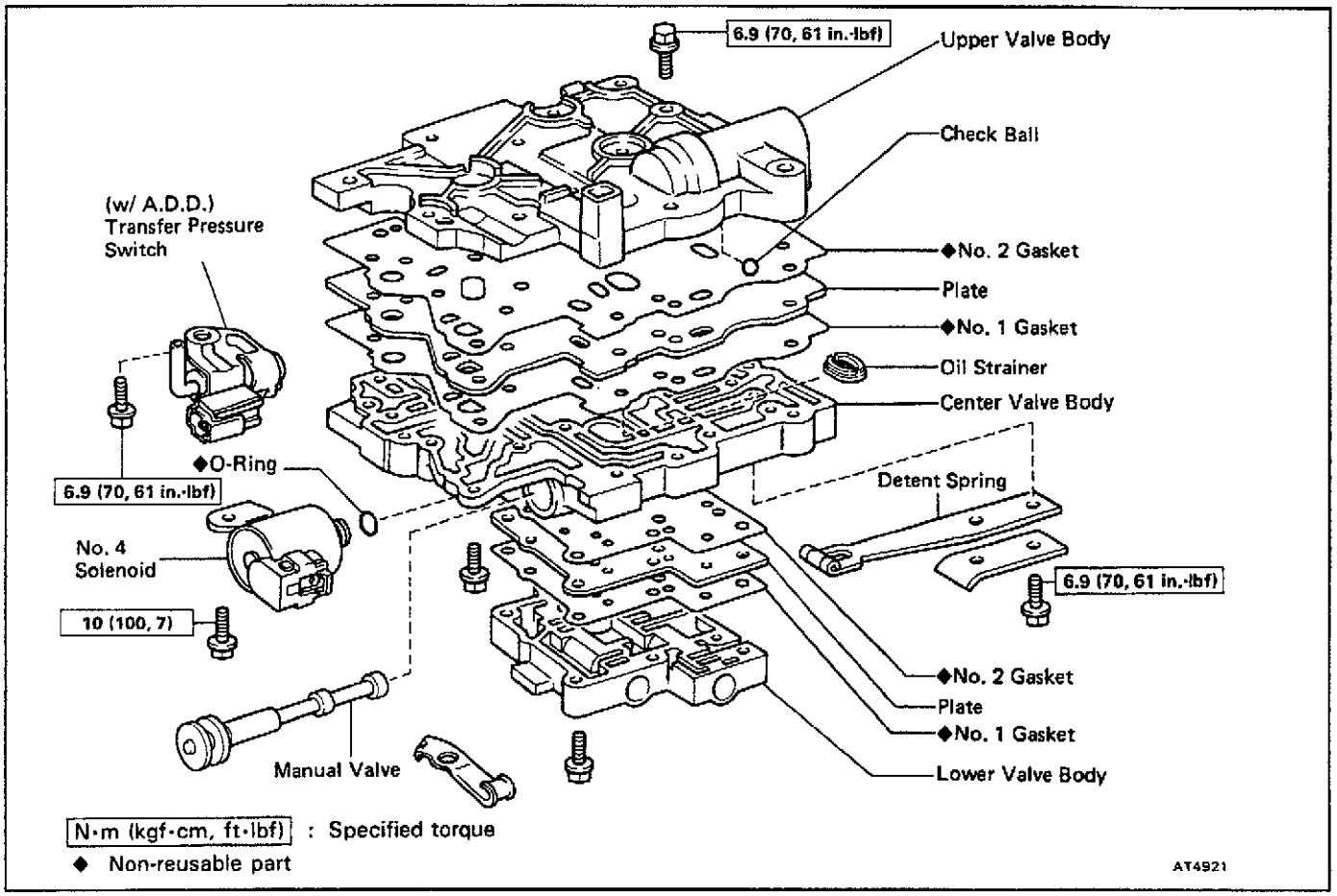
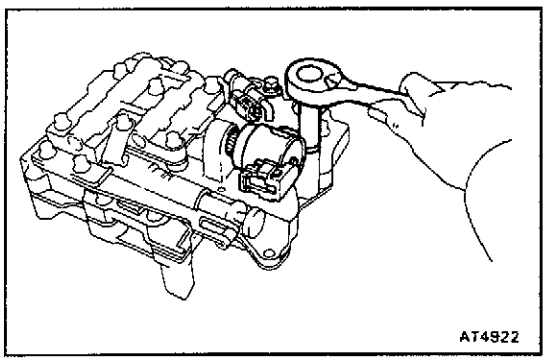
TRANSFER VALVE BODY
COMPONENTS

AT0J2-01

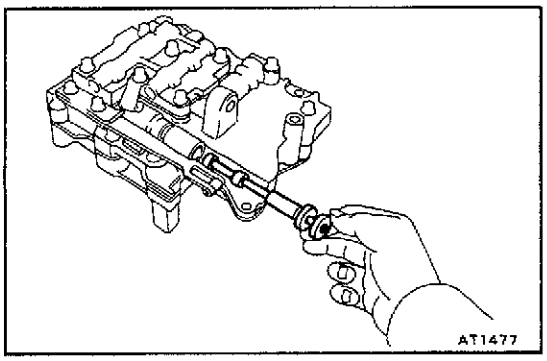




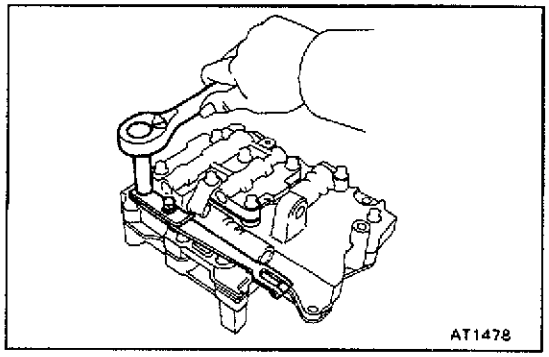
TRANSFER VALVE BODY DISASSEMBLY

AT0K0-02

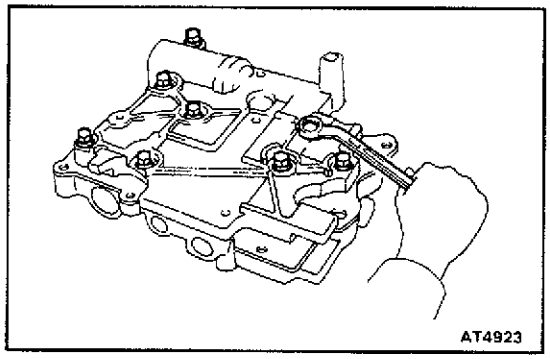
1. **REMOVE NO. 4 SOLENOID**
(a) Remove the bolt and No. 4 solenoid.
(b) Remove the O–ring from the solenoid.
2. **w/A.D.D.:**
REMOVE TRANSFER PRESSURE SWITCH



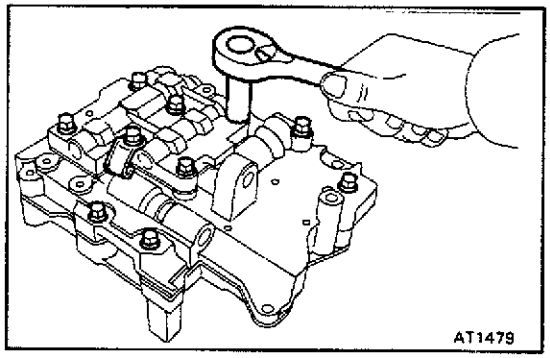
3. **REMOVE MANUAL VALVE**



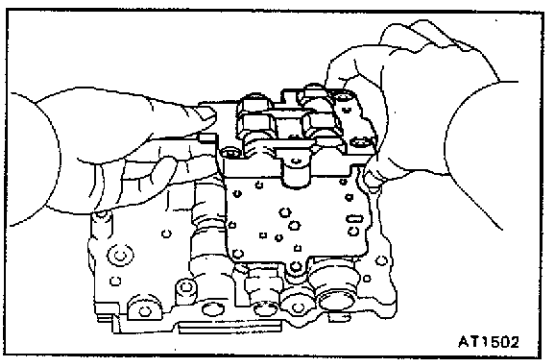
4. REMOVE DETENT SPRING



5. REMOVE 8 BOLTS FROM UPPER VALVE BODY

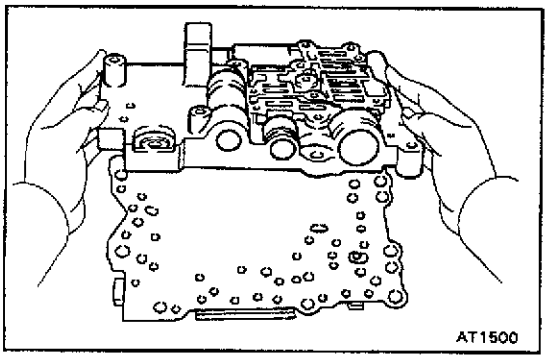


6. TURN ASSEMBLY OVER AND REMOVE 10 BOLTS FROM LOWER AND CENTER VALVE BODIES



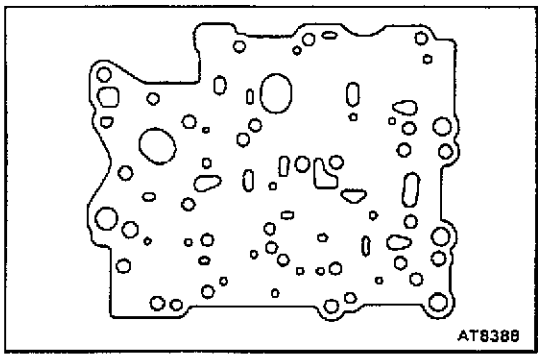
7. LIFT OFF LOWER VALVE BODY

(a) Remove the lower valve body.
(b) Remove the plate and 2 gaskets.



8. LIFT OFF CENTER VALVE BODY

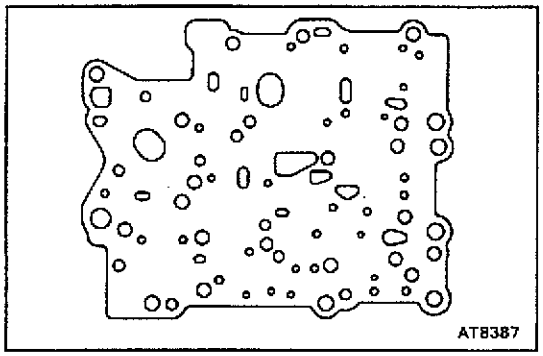
(a) Remove the center valve body.
(b) Remove the plate and 2 gaskets.



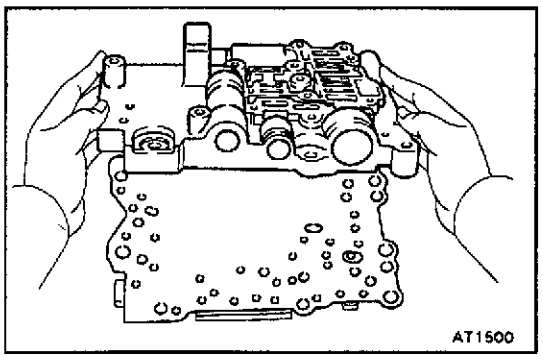
TRANSFER VALVE BODY ASSEMBLY

ATOK1-02

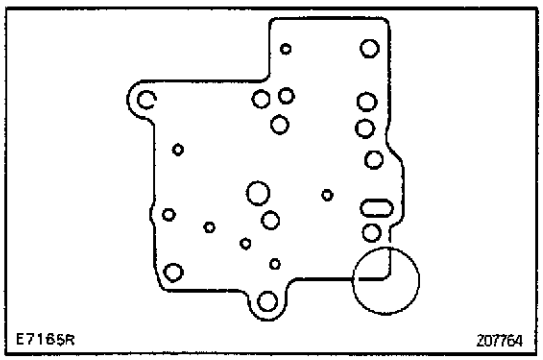
1. **POSITION NEW NO.2 GASKET ON UPPER VALVE BODY**
   Align a new No.2 gasket at each bolt hole.
2. **POSITION VALVE BODY PLATE ON NO.2 GASKET**
   Align the plate at each bolt hole.



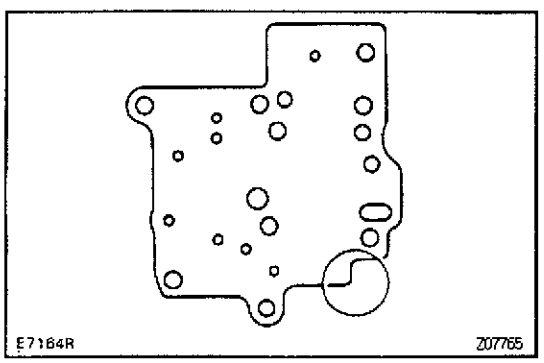
3. **POSITION NEW NO.1 GASKET ON PLATE**
   Align a new No.1 gasket at each bolt hole.



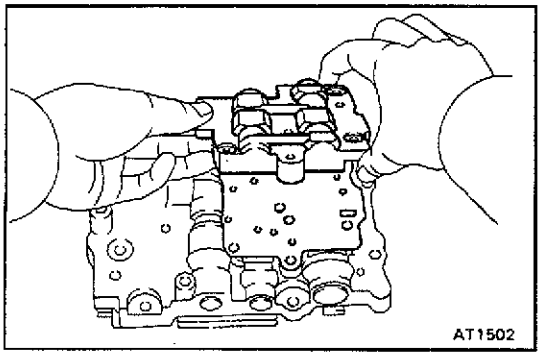
4. **PLACE CENTER VALVE BODY ON TOP OF UPPER VALVE BODY**



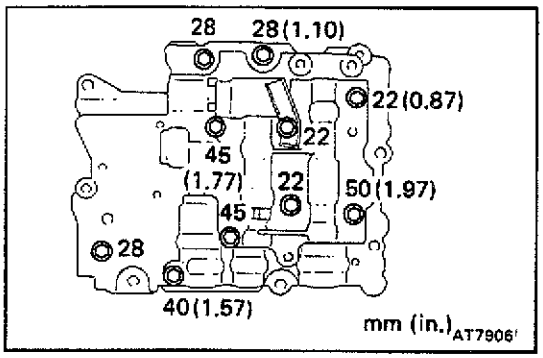
5. **POSITION NEW NO.2 GASKET ON CENTER VALVE BODY**
   Align a new No.2 gasket at each bolt hole.
6. **POSITION VALVE BODY PLATE ON NO.2 GASKET**
   Align the plate at each bolt hole.



7. **POSITION NEW NO.1 GASKET ON PLATE**
   Align a new No.1 gasket at each bolt hole.



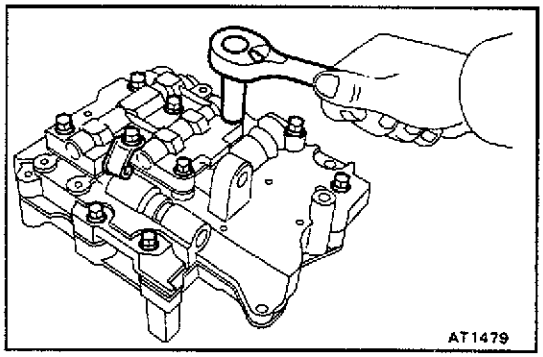
8. PLACE LOWER VALVE BODY ON TOP OF CENTER VALVE BODY



9. INSTALL AND FINGER TIGHTEN 10 BOLTS IN LOWER AND CENTER VALVE BODIES TO SECURE UPPER VALVE BODY

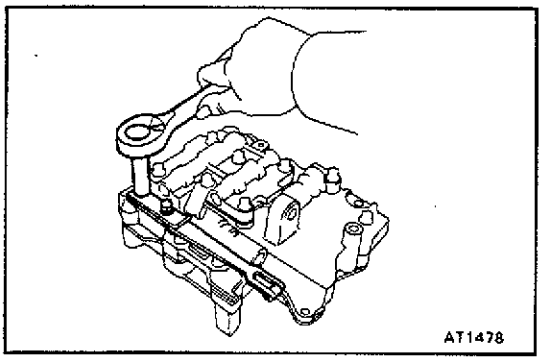
HINT: Each bolt length is indicated in the illustration.

AT



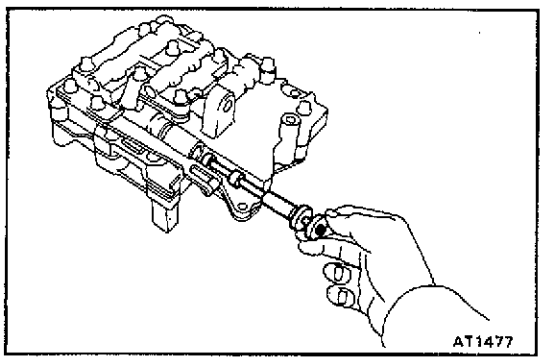
10. TIGHTEN BOLTS ON BOTH SIDES

Torque: 6.9 N·m (70 kgf·cm, 61 in.·lbf)



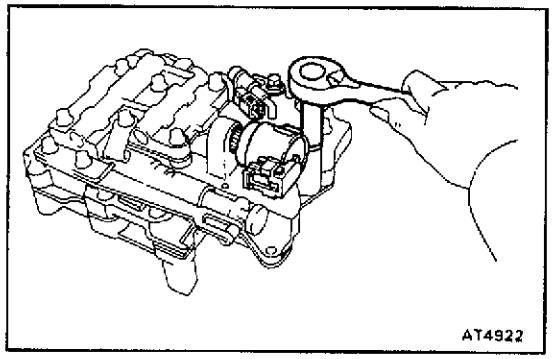
11. INSTALL DETENT SPRING

Torque: 6.9 N·m (70 kgf·cm, 61 in.·lbf)



12. INSERT MANUAL VALVE

HINT: Make sure the manual valve moves smoothly.



13. INSTALL NO.4 SOLENOID

(a) Install a new O–ring to the solenoid.

(b) Install the solenoid and torque the bolt.
Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)

14. w/A.D.D.:
INSTALL TRANSFER PRESSURE SWITCH
Torque: 6.9 N·m (70 kgf·cm, 61 in.·lbf)

AT