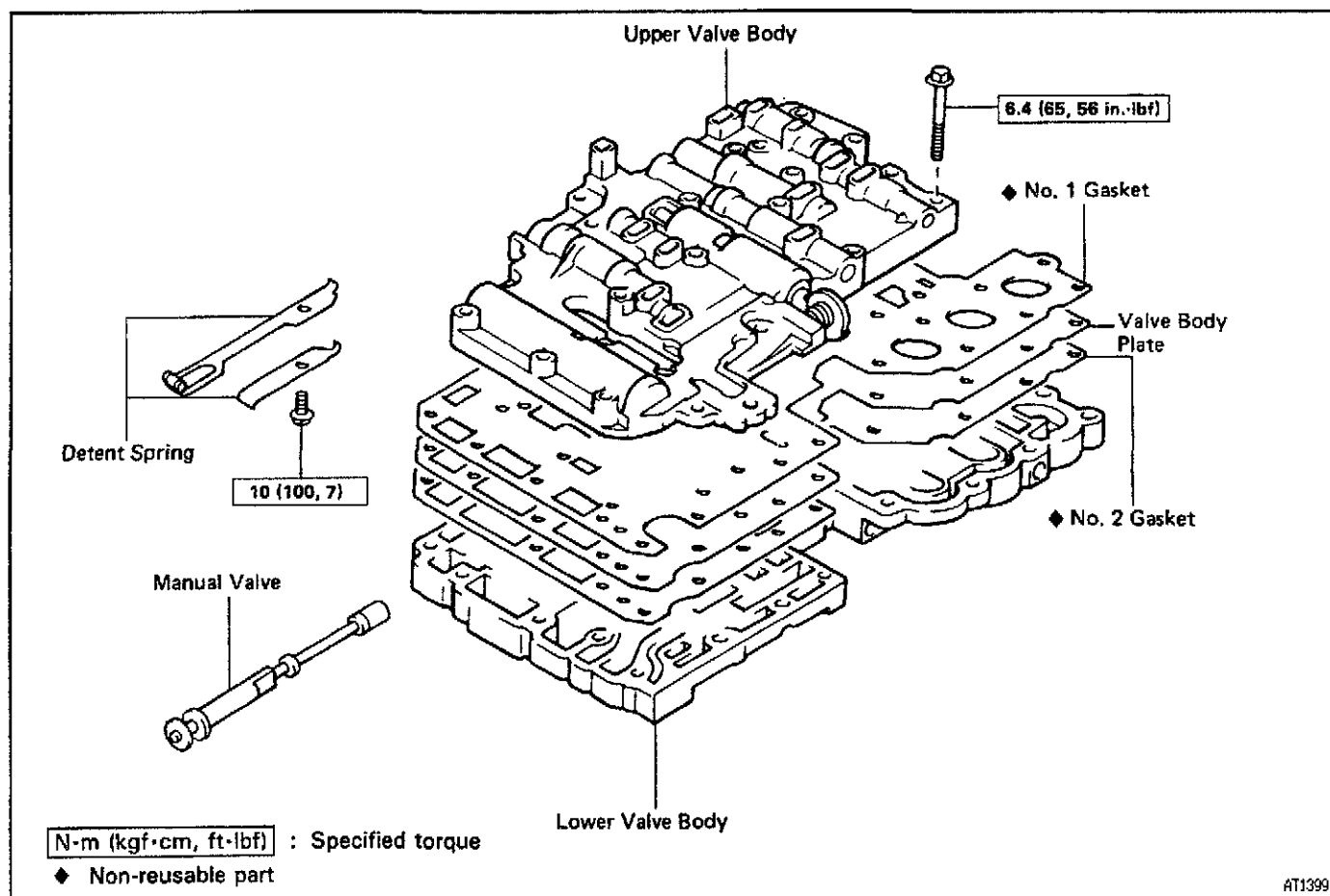


## VALVE BODY COMPONENTS

AT088-05

AT

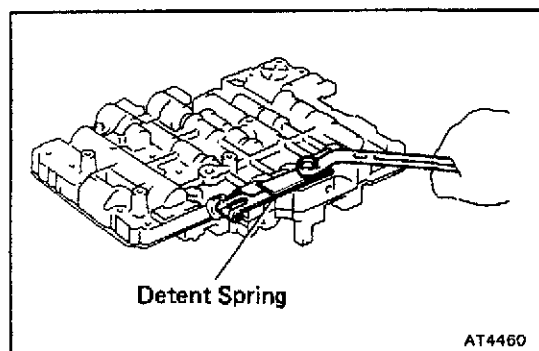


AT1399

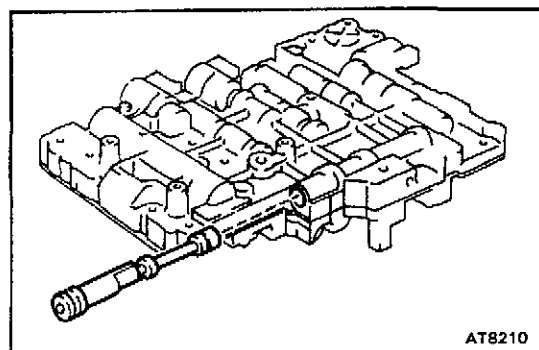
AT088-04

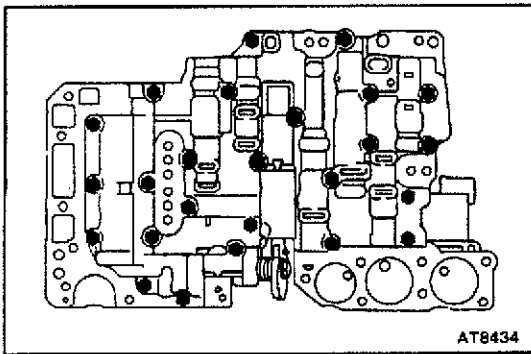
## VALVE BODY DISASSEMBLY

### 1. UNBOLT AND REMOVE DETENT SPRING



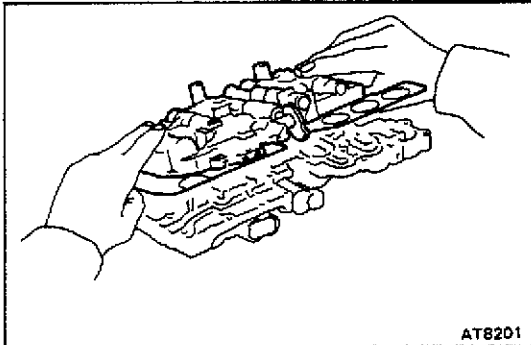
### 2. REMOVE MANUAL VALVE





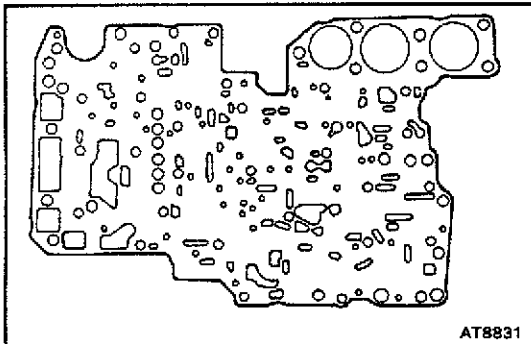
3. **TURN OVER ASSEMBLY AND REMOVE 25 BOLTS**

AT



4. **LIFT OFF UPPER VALVE BODY AND PLATE AS A SINGLE UNIT**

Hold the valve body plate to the upper valve body.  
HINT: Be careful that the check balls and strainer do not fall out.



## VALVE BODY ASSEMBLY

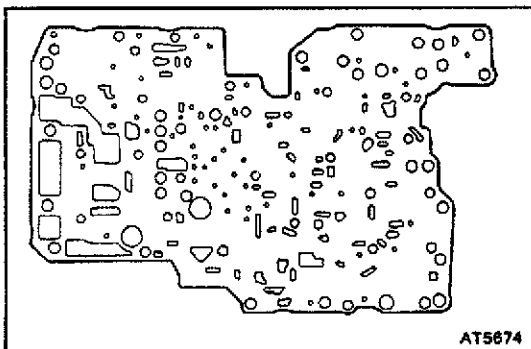
AT068-04

1. **POSITION NEW NO.1 GASKET ON UPPER VALVE BODY**

Align a new No.1 gasket at each bolt hole.

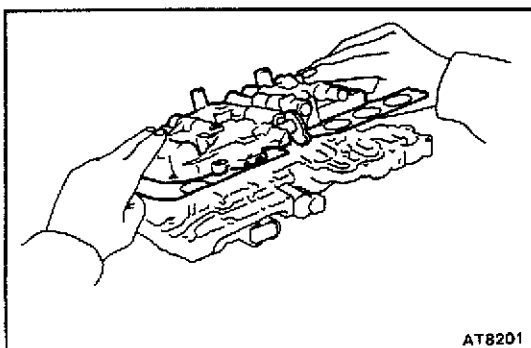
2. **POSITION VALVE BODY PLATE ON NO.1 GASKET**

Align the plate at each bolt hole.



3. **POSITION NEW NO.2 GASKET ON PLATE**

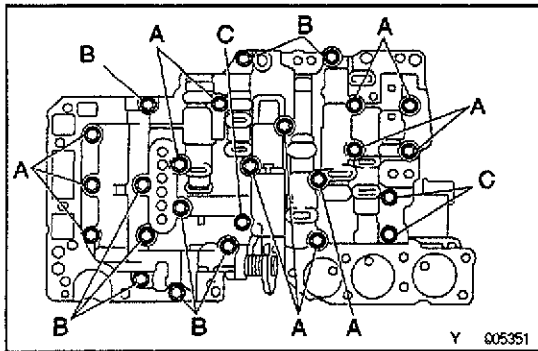
Align a new No.2 gasket at each bolt hole.



4. **PLACE UPPER VALVE BODY WITH PLATE AND GASKETS ON TOP OF LOWER VALVE BODY**

Align each bolt hole and gasket in the valve body.

AT

**5. INSTALL 25 BOLTS TO UPPER VALVE BODY**

HINT: Each bolt length is indicated below.

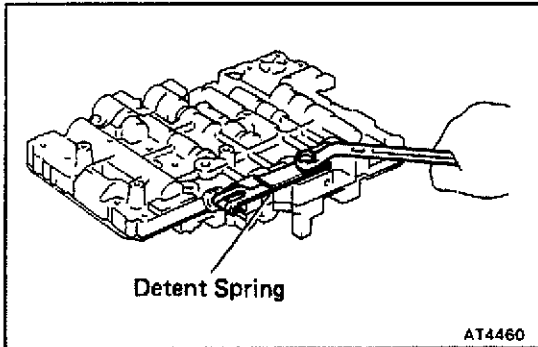
Torque: 6.4 N·m (65 kgf·cm, 56 in.-lbf)

Bolt length:

Bolt A: 38 mm (1.50 in.)

Bolt B: 20 mm (0.79 in.)

Bolt C: 28 mm (1.10 in.)

**6. INSTALL MANUAL VALVE****7. INSTALL DETENT SPRING**

Torque: 10 N·m (100 kgf·cm, 7 ft-lbf)

**8. MAKE SURE MANUAL VALVE MOVES SMOOTHLY**