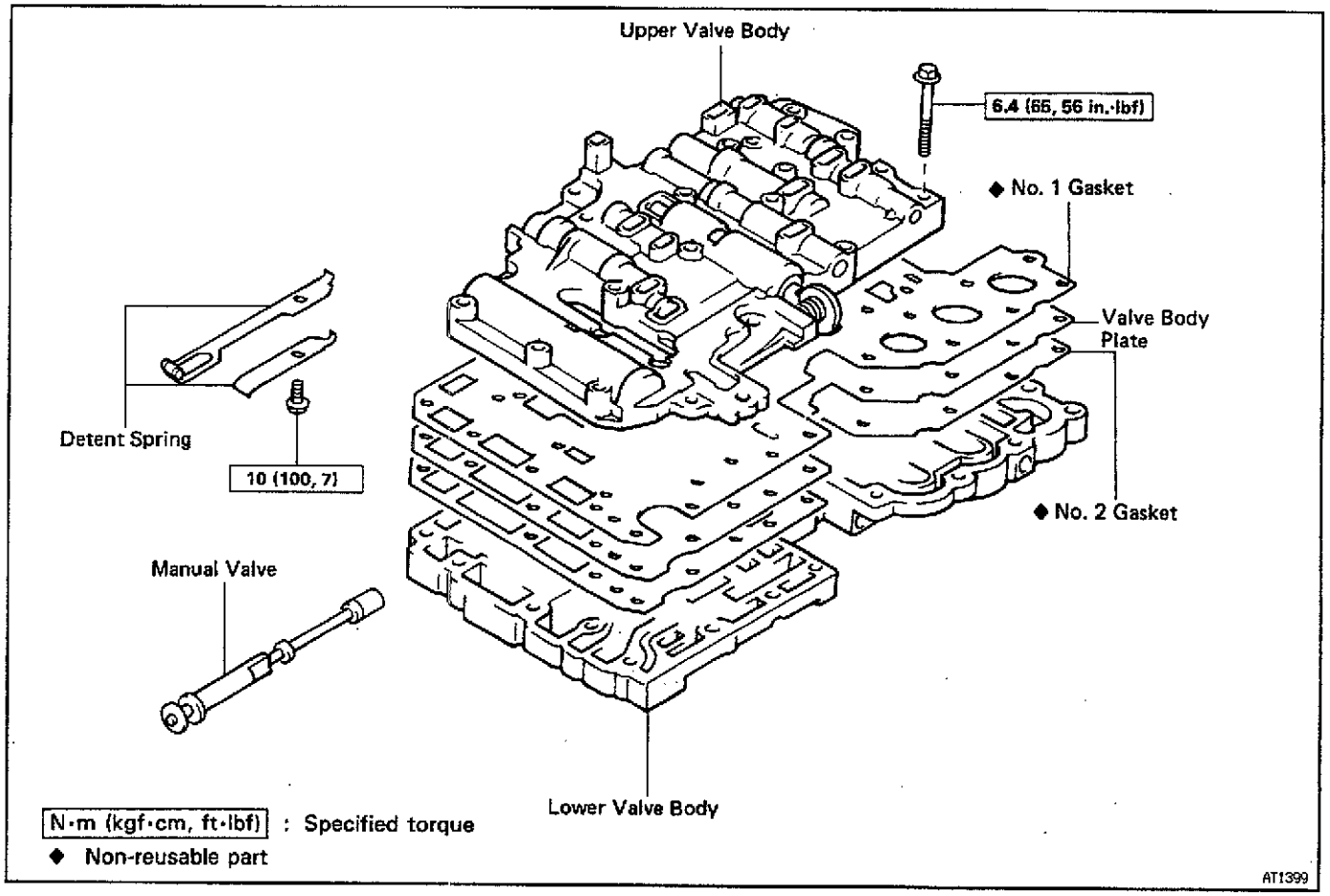
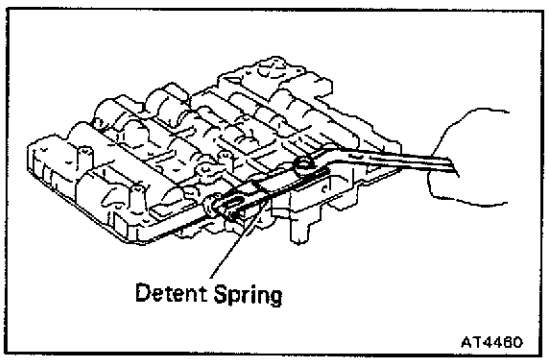
VALVE BODY
COMPONENTS

AT069–01



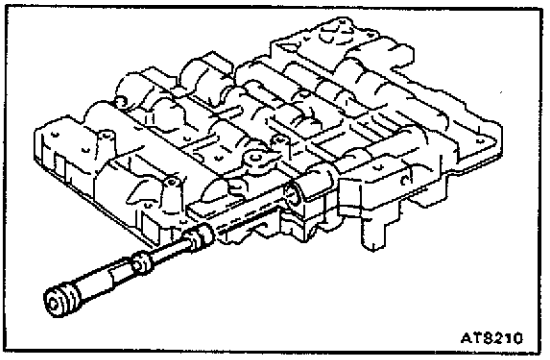
AT



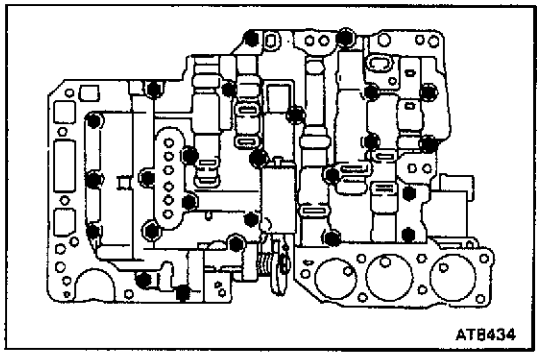
AT05A–02

VALVE BODY DISASSEMBLY

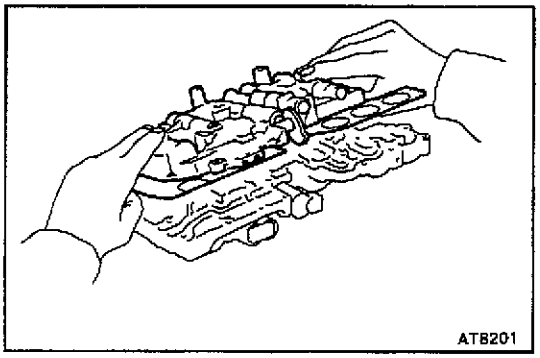
1. UNBOLT AND REMOVE DETENT SPRING



2. REMOVE MANUAL VALVE



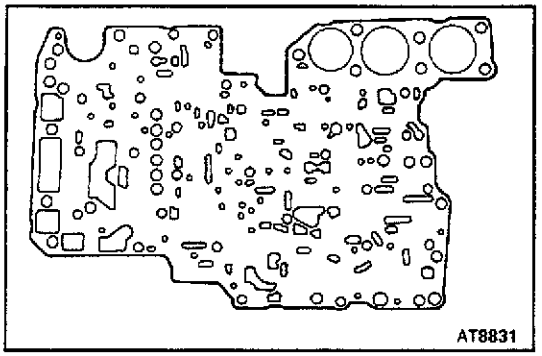
3. **TURN OVER ASSEMBLY AND REMOVE 25 BOLTS**



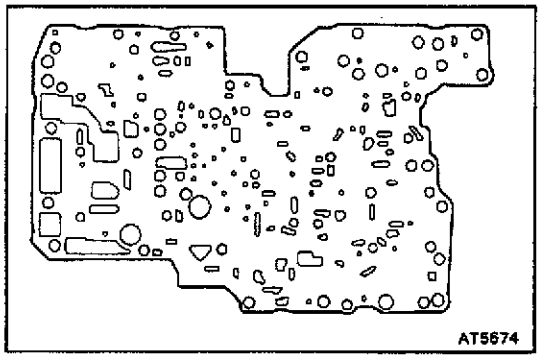
4. **LIFT OFF UPPER VALVE BODY AND PLATE AS A SINGLE UNIT**
Hold the valve body plate to the upper valve body.
HINT: Be careful that the check balls and strainer do not fall out.

VALVE BODY ASSEMBLY

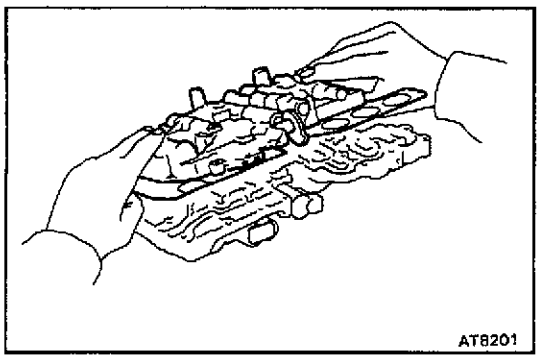
AT068-02



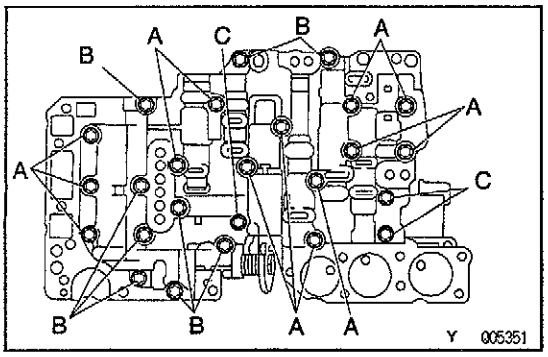
1. **POSITION NEW NO.1 GASKET ON UPPER VALVE BODY**
Align a new No.1 gasket at each bolt hole.
2. **POSITION VALVE BODY PLATE ON NO.1 GASKET**
Align the plate at each bolt hole.



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.



5. INSTALL 25 BOLTS TO UPPER VALVE BODY

HINT: Each bolt length is indicated below.

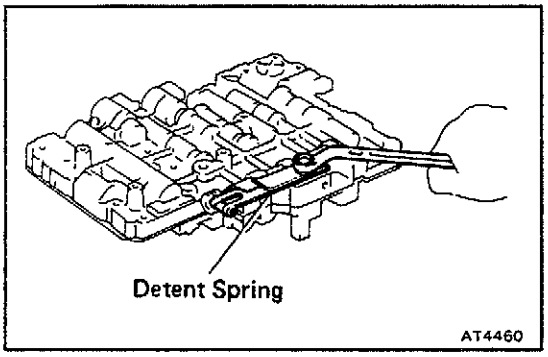
Torque: 6.4 N·m (65 kgf·cm, 56 in.·lbf)

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 VAVLE

7. INSTALL DETENT SPRING

Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)

8. MAKE SURE MANUAL VALVE MOVES SMOOTHLY

AT