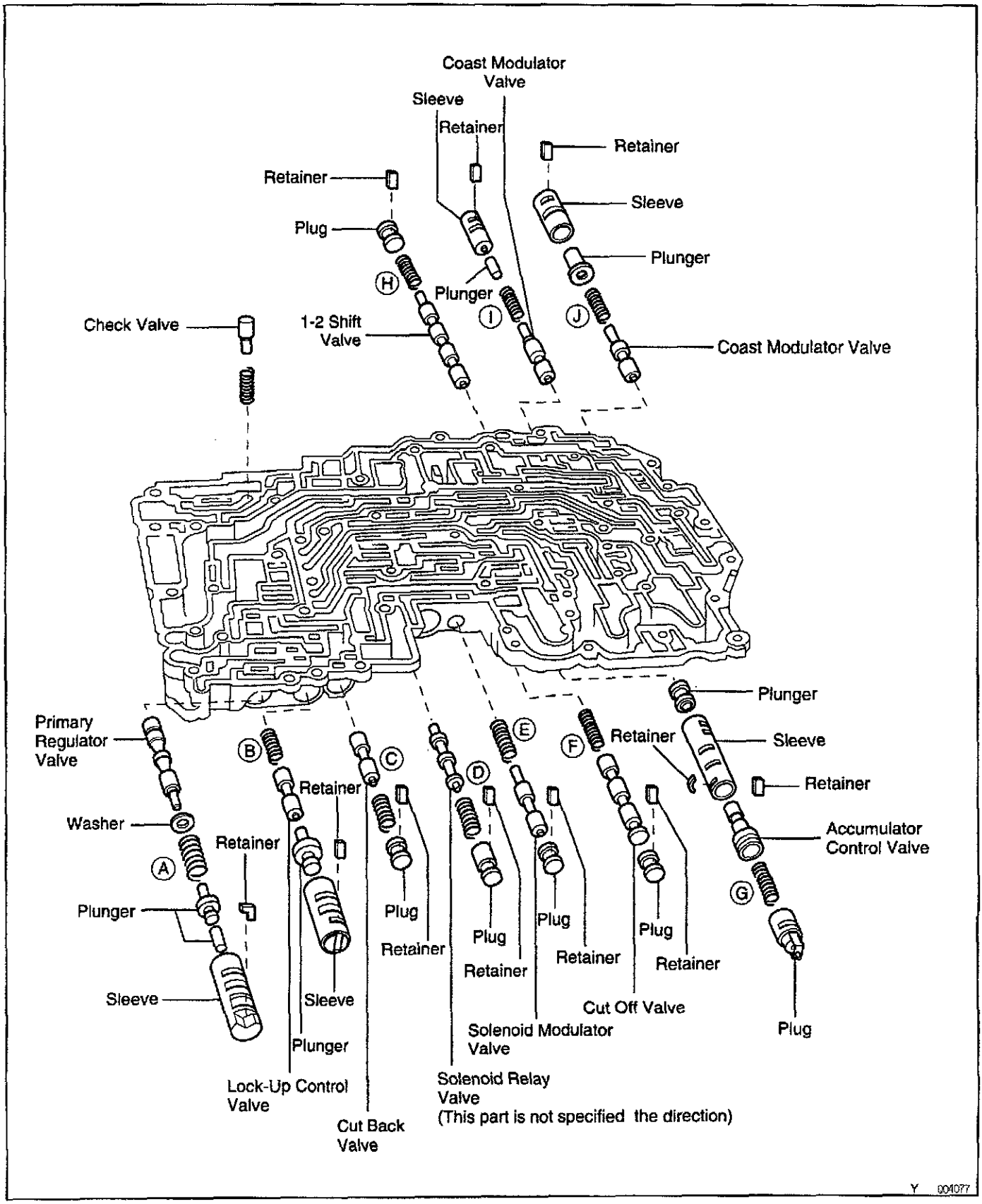
LOWER VALVE BODY
COMPONENTS

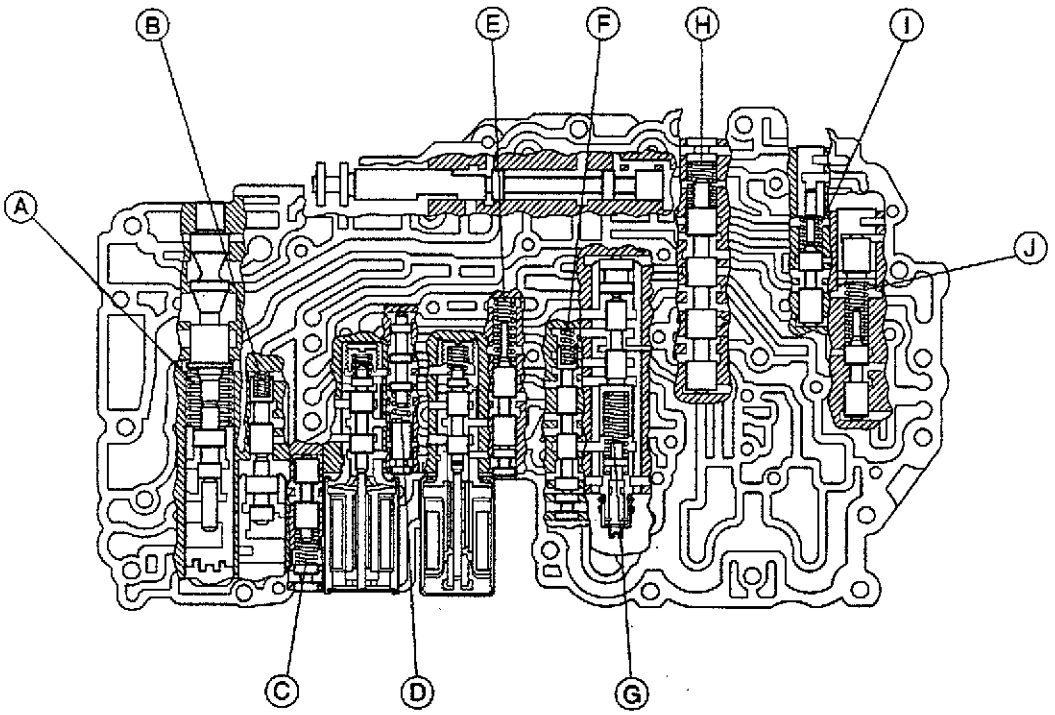
AT0EU–02



AT0EV−04

VALVE BODY SPRINGS SPECIFICATIONS

HINT: During reassembly please refer to the spring specifications below to help you to differentiate the different springs.



(This part is not specified the direction)

AT5475 Y Z07013

004079

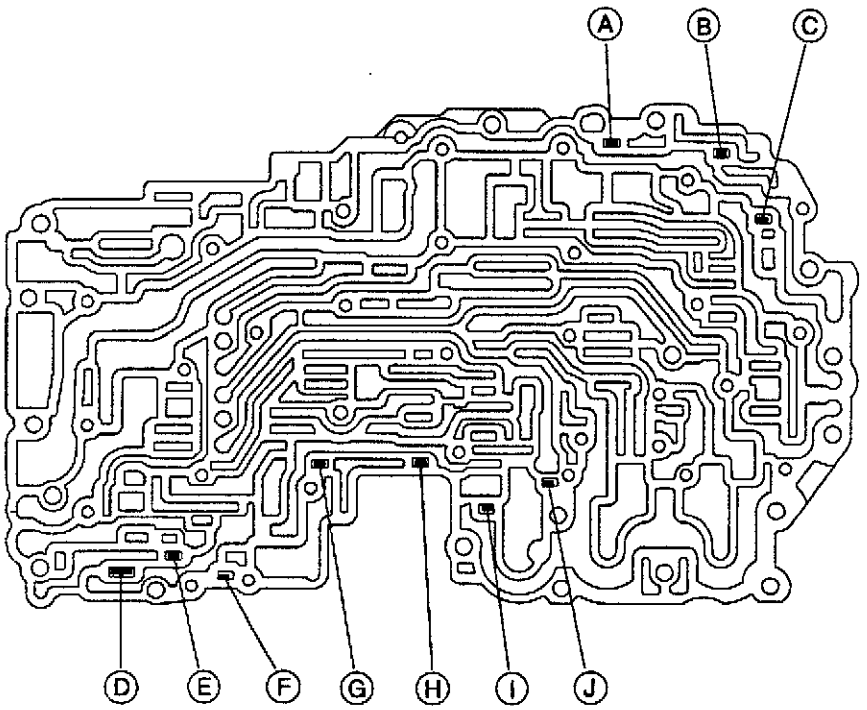
Mark	Name (Color)	Free length / Outer diameter mm (in.)	Total No. of coils
Ⓐ	Primary regulator valve (Blue)	45.62 (1.7961) / 16.88 (0.6446)	9.5
Ⓑ	Lock−up control valve (White)	18.52 (0.7291) / 5.30 (0.209)	12.75
Ⓒ	Cut back valve (None)	18.80 (0.740) / 7.48 (0.2995)	7.50
Ⓓ	Solenoid relay valve (None)	18.80 (0.740) / 7.48 (0.2995)	7.50
Ⓔ	Solenoid modulator valve (Yellow)	32.13 (1.2650) / 8.00 (0.3150)	15.75
Ⓕ	Cut off valve (None)	20.30 (0.719) / 6.10 (0.240)	12.75
Ⓖ	Accumulator control valve (White)	31.17 (1.2272 / 8.85 (0.3484)	12.50
Ⓗ	1−2 Shift valve (Purple)	30.77 (1.2114) / 9.70 (0.382)	10.50
Ⓘ	Coast modulator valve (Green)	21.83 (0.8594) / 8.00 (0.3150)	10.5
Ⓙ	*Coast modulator valve (Blue)	26.09 (1.0272) / 8.19 (0.3224)	12.0
	(Light Blue)	26.60 (1.0472) / 8.19 (0.3224)	12.0
	(White)	27.11 (1.0673) / 8.19 (0.3224)	12.0

* One of the 3 types of spring is installed.

RETAINERS LOCATION

AT0EW-02

AT

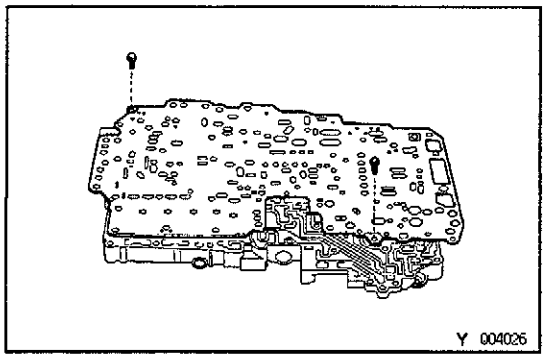


004022

Mark	Retainer	Height / Width / Thickness mm (in.)
Ⓐ	1–2 Shift valve	14.0 (0.551) / 5.0 (0.197) / 3.2 (0.126)
Ⓑ	Coast modulator valve	14.0 (0.551) / 5.0 (0.197) / 3.2 (0.126)
Ⓒ	Coast modulator valve	14.0 (0.551) / 5.0 (0.197) / 3.2 (0.126)
Ⓓ	Primary regulator valve	13.0 (0.521) / 5.0 (0.197) / 3.2 (0.126)
Ⓔ	Lock–up control valve	14.5 (0.570) / 5.0 (0.197) / 3.2 (0.126)
Ⓕ	Cut back valve	8.5 (0.335) / 5.0 (0.197) / 3.2 (0.126)
Ⓖ	Solenoid relay valve	12.5 (0.492) / 5.0 (0.197) / 3.2 (0.126)
Ⓗ	Solenoid modulator valve	14.5 (0.570) / 5.0 (0.197) / 3.2 (0.126)
Ⓘ	Cut off valve	19.0 (0.748) / 5.0 (0.197) / 3.2 (0.126)
Ⓙ	Accumulator control valve	29.0 (1.142) / 5.0 (0.197) / 3.2 (0.126)

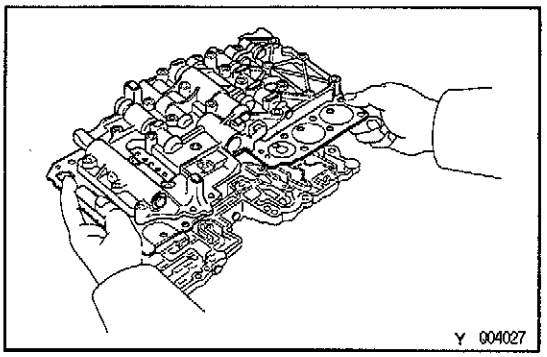
AT0PV–02

VALVE BODY ASSEMBLY



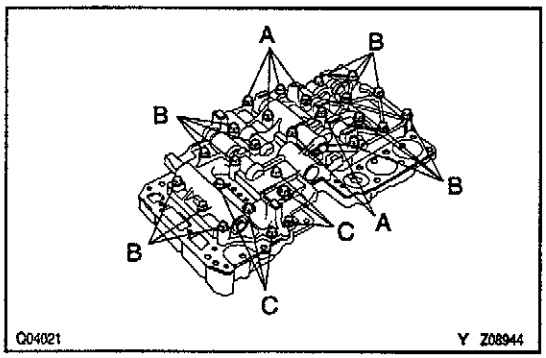
1. INSTALL ASSEMBLED GASKETS ON UPPER VALVE BODY

Align the assembled gaskets with each bolt hole and install the screw.



2. PLACE UPPER VALVE BODY WITH GASKETS ON TOP OF LOWER VALVE BODY

Align each bolt hole and gaskets in the valve body.



3. INSTALL 28 BOLTS TO UPPER VALVE BODY

HINT: Each bolt length (mm, in.) is indicated below.

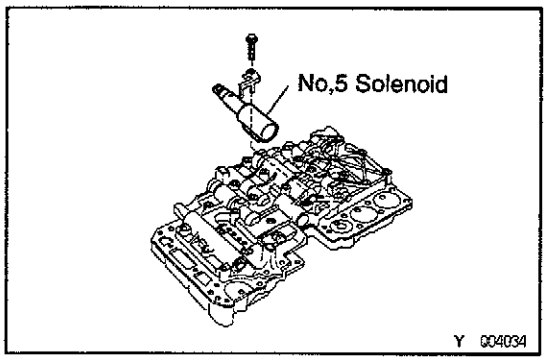
Torque: 6.5 N·m (65 kgf·cm, 56 in.·lbf)

Bolt length:

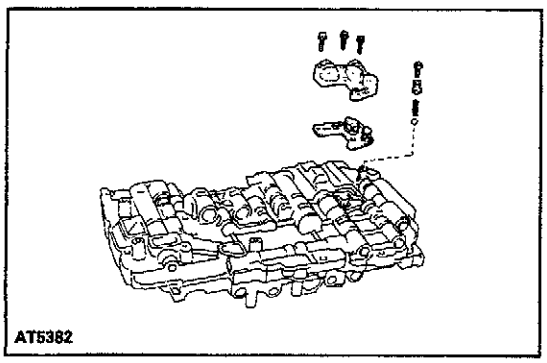
Bolt A: 45 mm (1.772 in.)

Bolt B: 35 mm (1.378 in.)

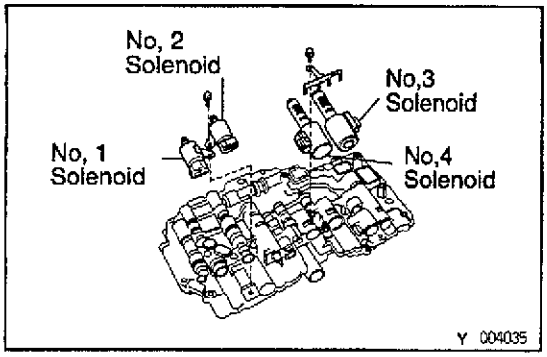
Bolt C: 20 mm (0.787 in.)



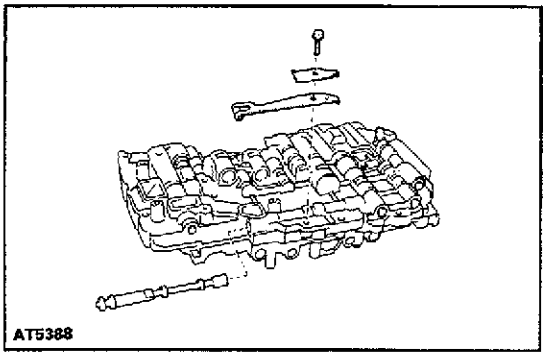
4. INSTALL NO.5 SOLENOID VALVE



5. TURN OVER ASSEMBLY INSTALL OIL STRAINER AND PRESSURE RELIEF VALVE



6. **INSTALL NO. 1, NO. 2, NO. 3, NO. 4, SOLENOID VALVES**



7. **INSTALL MANUAL VALVE**
8. **INSTALL DETENT SPRING**
   Torque: 10 N·m (100 kgf·cm, 7 ft·lbf)
9. **MAKE SURE MANUAL VALVE MOVES SMOOTHLY**