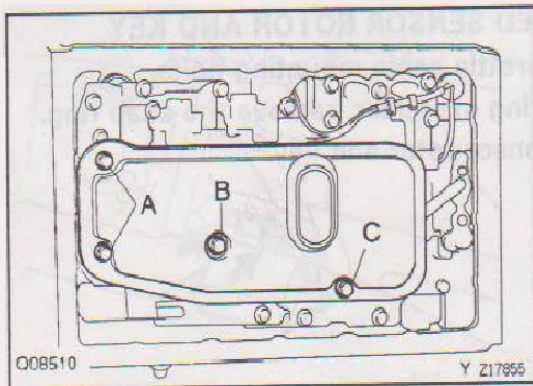


### REMOVE OIL PAN

**NOTICE:** Do not turn the transmission over as this will contaminate the valve body with any foreign matter at the bottom on the pan.

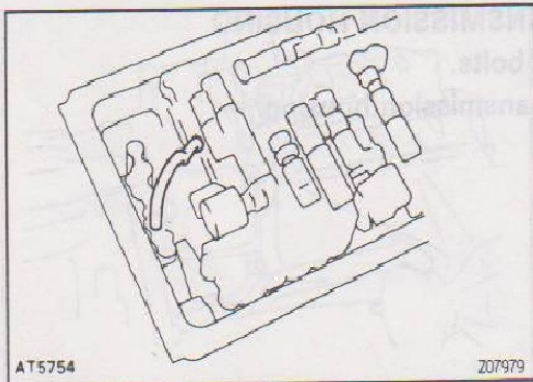
Remove the 19 bolts.



### REMOVE OIL STRAINER AND GASKETS

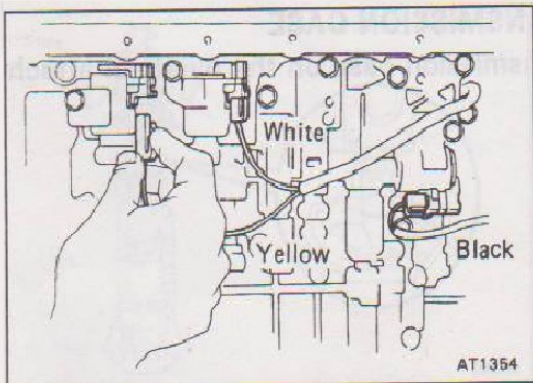
(a) Remove the 4 bolts and oil strainer case.

(b) Remove the gaskets from the oil strainer



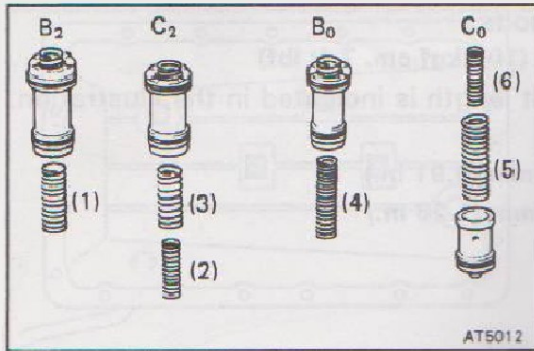
### REMOVE OIL PIPE

Pry up pipe ends with a large screwdriver and remove the pipe



### REMOVE SOLENOID WIRING

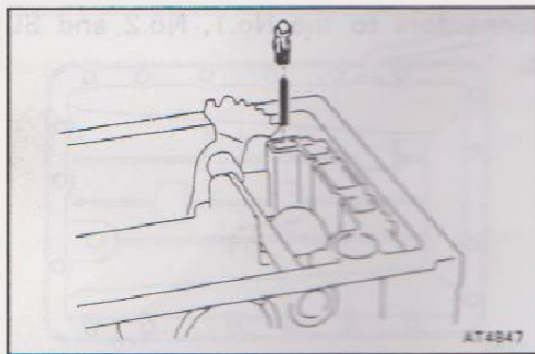
Disconnect the 3 connectors from the No.1, No.2 and SL solenoid valves



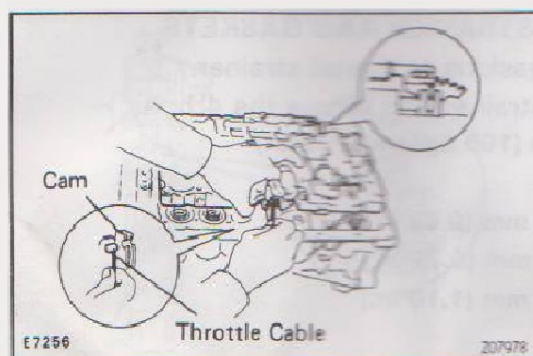
**HINT:** The pistons are marked in relief with either C, B0, C2 or B2 to differentiate between them.

\* Accumulator spring

Spring		Free Length	Colour
(1) B2	3RZ-FE	70.50 (2.7756)	White
	5VZ-FE	70.50 (2.7756)	Yellow
	1KZ-TE	72.55 (2.8563)	Grey
(2) C2	Inner	42.06 (1.6559)	Pink
(3) C2	3RZ-FE,5VZ-FE	64.00 (2.5197)	Green
	1KZ-TE	68.53 (2.6980)	Blue
(4) B0	3RZ-FE,5VZ-TE	62.00 (2.4409)	Green
	5VZ-FE	63.60 (2.5039)	Red
(5) C0	Inner	46.00 (1.8110)	Yellow
(6) C0	Outer	74.60 (2.9370)	Orange



**INSTALL CHECK BALL BODY AND SPRING**

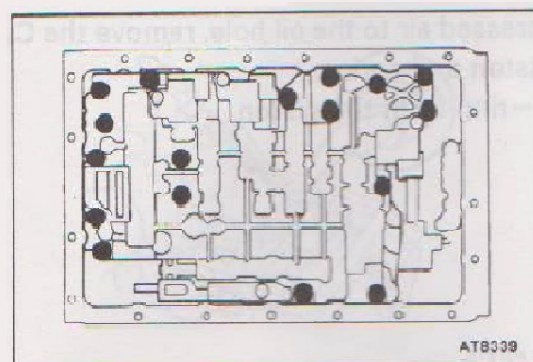


**INSTALL VALVE BODY**

(a) Align groove of the manual valve to pin of the lever.

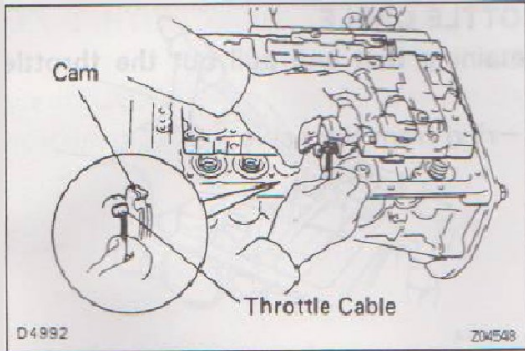
(b) Connect the throttle cable to the cam

(c) Confirm the springs into the accumulator pistons are installed correctly

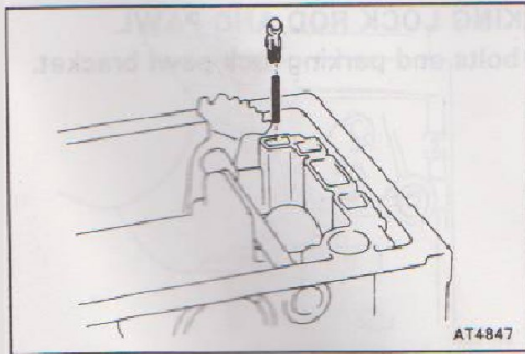


**REMOVE VALVE BODY**

(a) Remove the 17 bolts

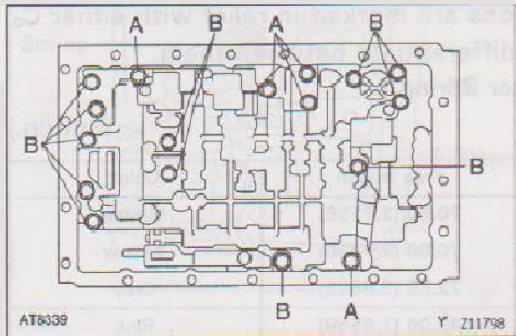


Disconnect the throttle cable from the cam and remove the valve body.



### REMOVE CHECK BALL BODY

Remove the check ball body and spring



Install the 17 bolts.

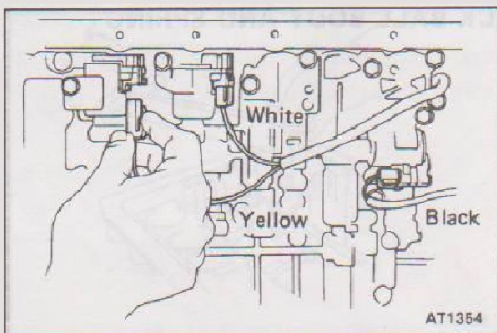
Torque: 10 N-m (100 kgf cm, 7 ft lbf)

**HINT:** Each bolt length is indicated in the illustration.

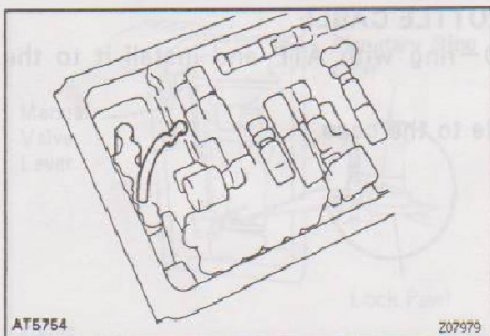
**Bolt length**

Bolt A: 23 mm (0.91 in)

Bolt B: 32 mm (1.26 in)



Connect the connectors to the No.1, No.2 and SL solenoid valves.

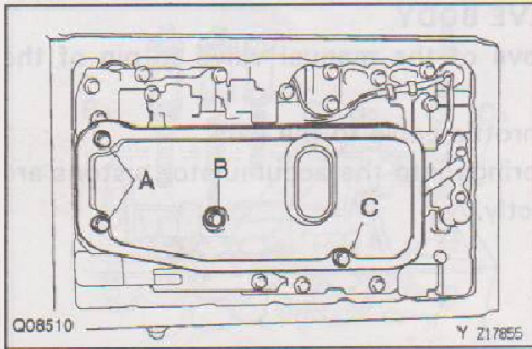


### INSTALL OIL PIPE

Using a plastic hammer, install the pipe into position.

**NOTICE:** Be careful not to bend or damage the pipe

### INSTALL OIL STRAINER AND GASKETS



- (a) Install 2 new gaskets to the oil strainer.
- (b) Install the oil strainer and torque converter bolts.

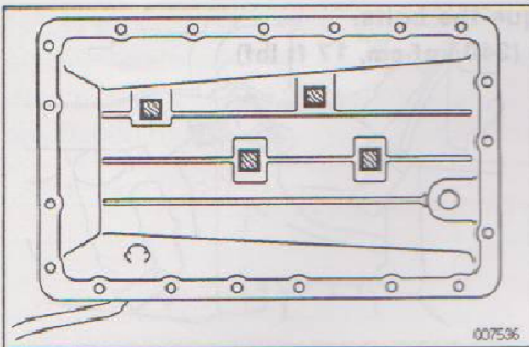
**Torque: 10 N·m (100 kgf·cm, 7ft lbf)**

**Bolt length:**

**Bolt A: 16mm (0.63 in.)**

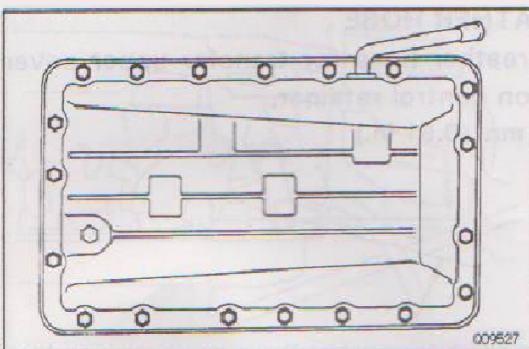
**Bolt B: 20mm (0.79 in.)**

**Bolt C: 28mm (1.10 in.)**



### INSTALL OIL PAN

- (a) Install the 4 magnets



**Install and torque the 11 bolts**

**Torque 7.4 N·m (75 kgf·cm, 65 in. lbf)**