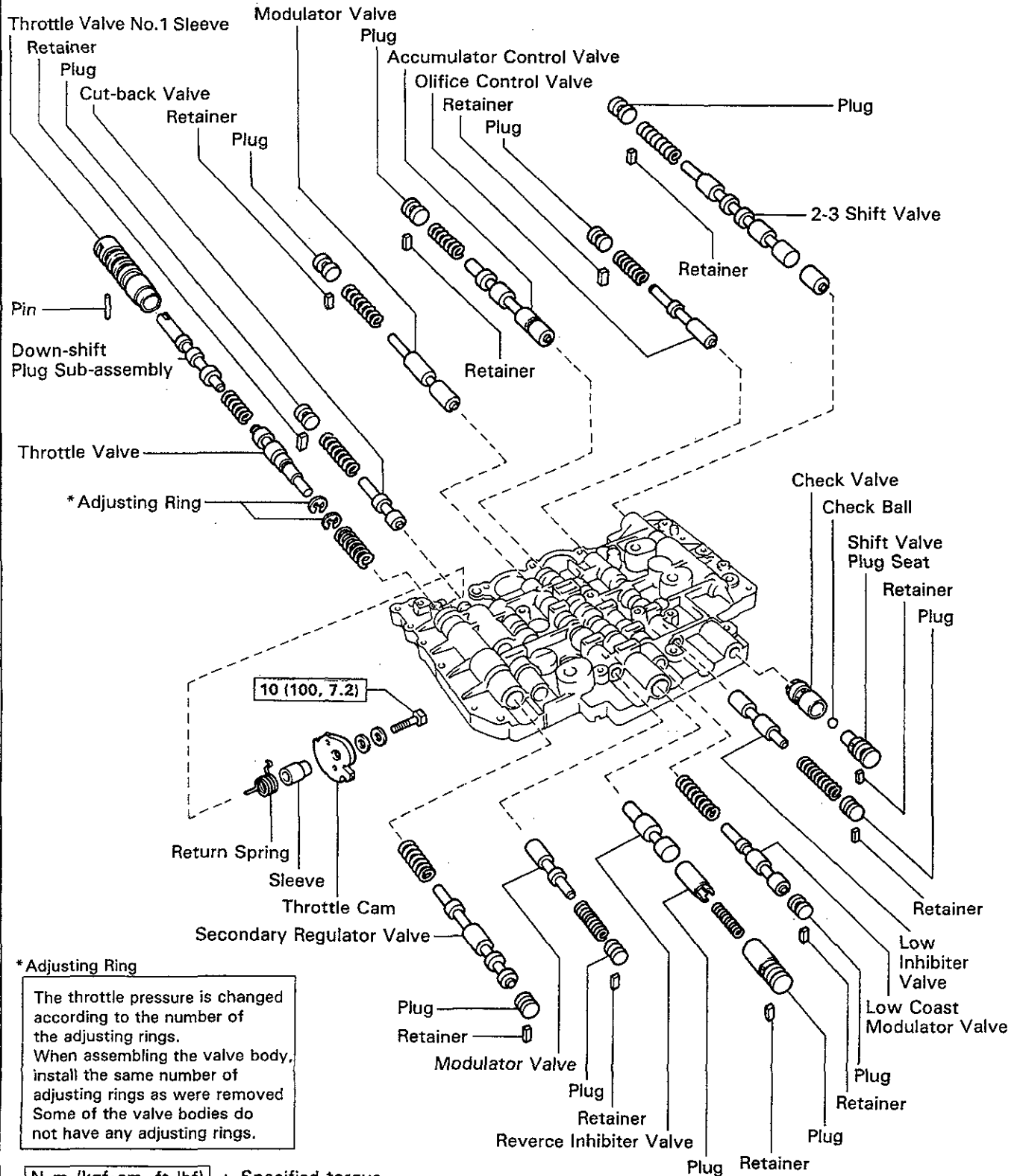


# UPPER VALVE BODY COMPONENTS

AT08L-01

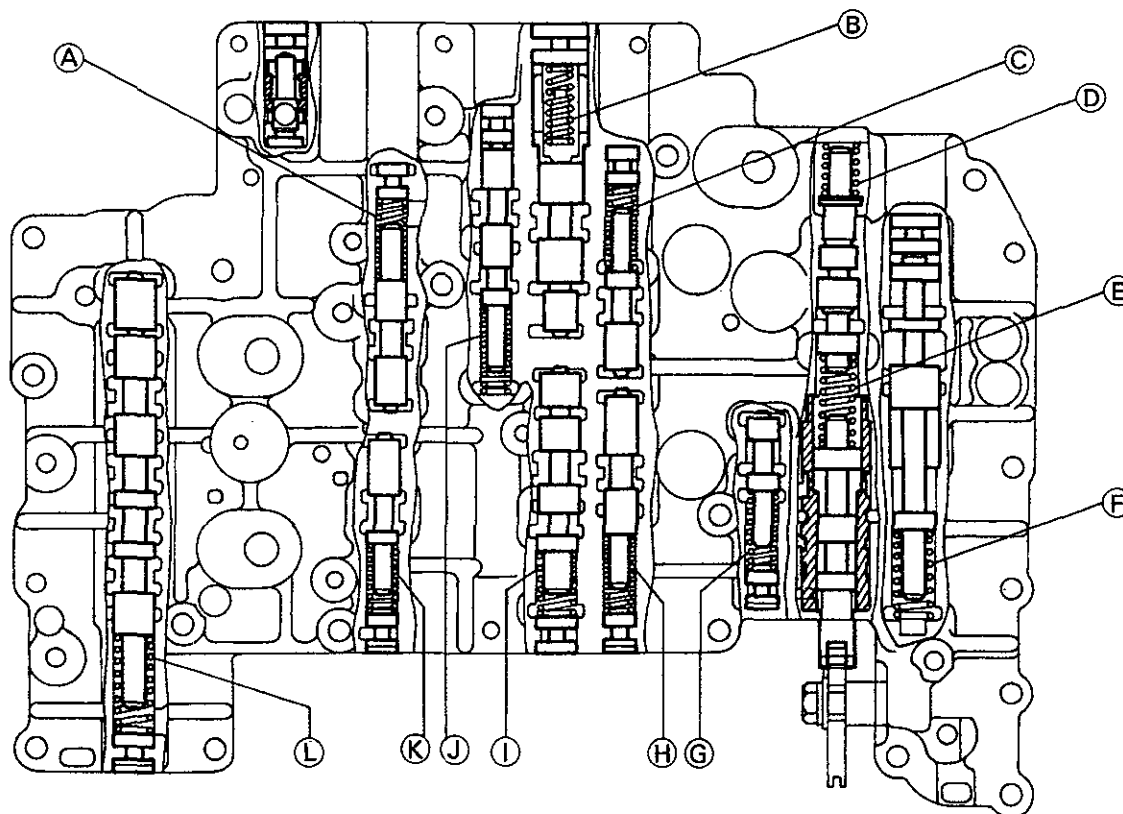


## \* Adjusting Ring

The throttle pressure is changed according to the number of the adjusting rings. When assembling the valve body, install the same number of adjusting rings as were removed. Some of the valve bodies do not have any adjusting rings.

N·m (kgf·cm, ft·lbf) : Specified torque

## VALVE BODY SPRINGS SPECIFICATIONS

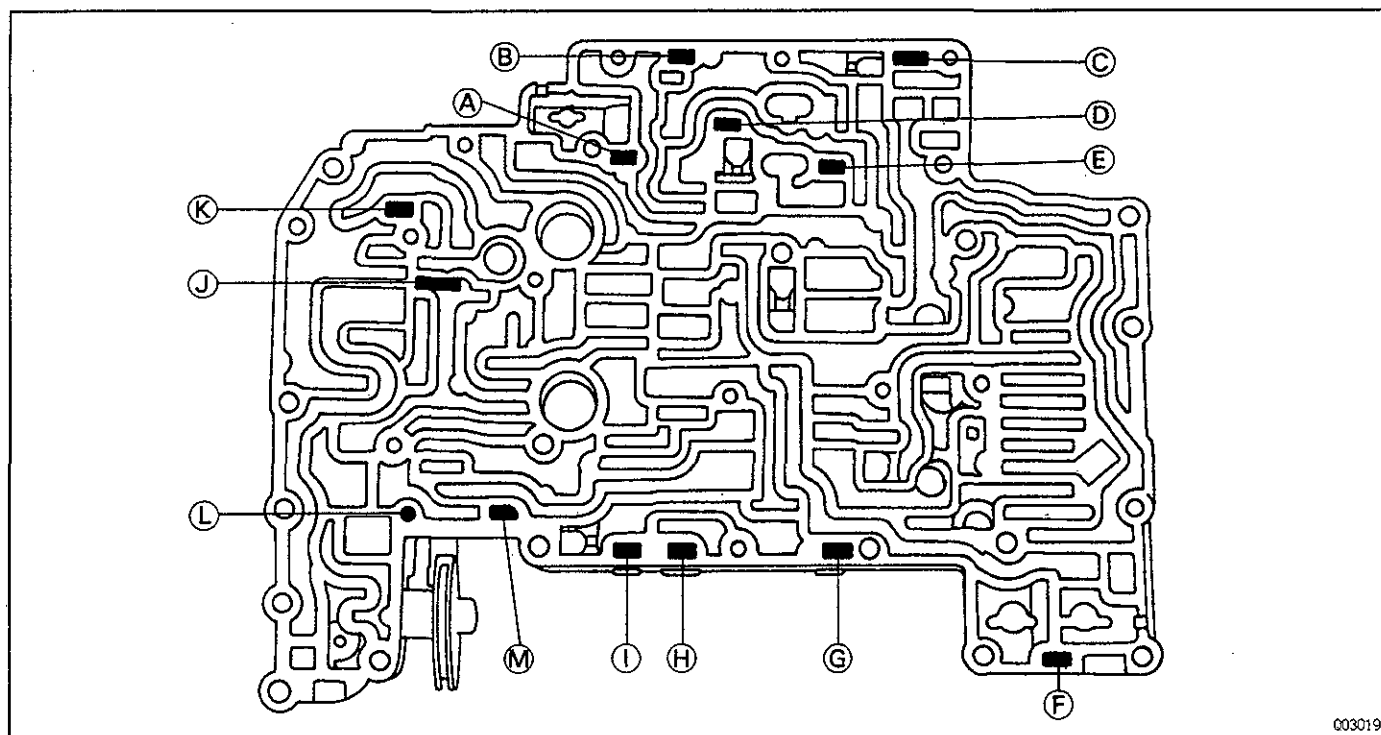


003017

| Mark | Name (Color)                         | Free length x Outer Diameter<br>mm (in.) | Total No. of coils |
|------|--------------------------------------|------------------------------------------|--------------------|
| Ⓐ    | 2—3 Shift Valve (Orange)             | 37.23 x 8.7 (1.466 x 0.343)              | 18.0               |
| Ⓑ    | Reverse Inhibiter Valve (Light Blue) | 29.3 x 7.9 (1.154 x 0.311)               | 20.0               |
| Ⓒ    | Modulator Valve (Brown)              | 31.8 x 7.6 (1.252 x 0.299)               | 17.0               |
| Ⓓ    | Throttle Valve (White)               | 25.3 x 9.2 (0.996 x 0.362)               | 9.5                |
| Ⓔ    | Throttle Valve (Blue)                | 26.85 x 8.97 (1.057 x 0.353 )            | 10.5               |
| Ⓕ    | Secondary Regulator Valve (None)     | 46.0 x 16.7 (1.811 x 0.657)              | 15.0               |
| Ⓖ    | Cut—back Valve (Purple)              | 30.44.0 x 7.3 (1.198 x 0.287)            | 16.0               |
| Ⓗ    | Lock—up Signal Valve (Purple)        | 30.44 x 7.3 (1.198 x 0.287)              | 16.0               |
| Ⓘ    | Accumulator Control Valve (Green)    | 27.4 x 10.3 (1.079 x 0.406)              | 10.5               |
| Ⓙ    | Low Coast Modulator Valve (Red)      | 31.8 x 7.3 (1.252 x 0.287)               | 16.0               |
| Ⓚ    | Orifice Control Valve (Yellow)       | 38.97 x 8.6 (1.534 x 0.339)              | 18.0               |
| Ⓛ    | Low Inhibiter Valve (Purple)         | 30.44 x 7.3 (1.198x0.287)                | 16.0               |

## RETAINER, PINS AND CHECK BALLS LOCATION

## 1. RETAINERS AND PINS

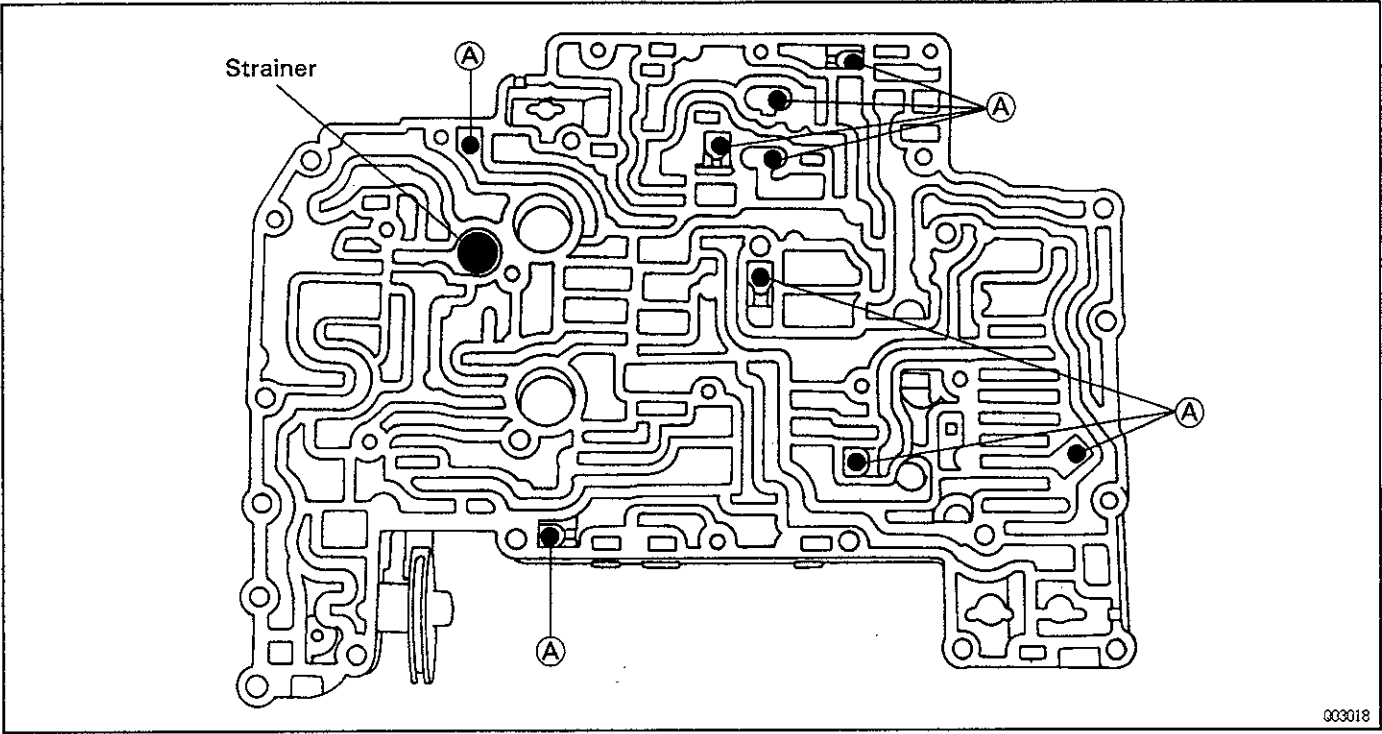


003019

| Mark | Name                                             | Length x Width x Thickness or diameter   | mm (in.) |
|------|--------------------------------------------------|------------------------------------------|----------|
| Ⓐ    | Retainer for Modulator Valve Plug                | 16.0 x 5.0 x 3.2 (0.630 x 0.197 x 0.126) |          |
| Ⓑ    | Retainer for Reverse Inhibiter Valve Sleeve Plug | 13.5 x 5.0 x 3.2 (0.531 x 0.197 x 0.126) |          |
| Ⓒ    | Retainer for Check Valve Sleeve Plug             | 13.5 x 5.0 x 3.2 (0.531 x 0.197 x 0.126) |          |
| Ⓓ    | Retainer for Low Coast Modulator Valve Plug      | 16.0 x 5.0 x 3.2 (0.630 x 0.197 x 0.126) |          |
| Ⓔ    | Retainer for Low Inhibiter Valve Plug            | 13.5 x 5.0 x 3.2 (0.531 x 0.197 x 0.126) |          |
| Ⓕ    | Retainer for 2-3 Shift Valve Plug                | 13.5 x 5.0 x 3.2 (0.531 x 0.197 x 0.126) |          |
| Ⓖ    | Retainer for Orifice Control Valve plug          | 16.0 x 5.0 x 3.2 (0.630 x 0.197 x 0.126) |          |
| Ⓗ    | Retainer for Accumulator Control Valve Plug      | 16.0 x 5.0 x 3.2 (0.630 x 0.197 x 0.126) |          |
| Ⓘ    | Retainer for Lock-up Signal Valve Plug           | 16.0 x 5.0 x 3.2 (0.630 x 0.197 x 0.126) |          |
| Ⓙ    | Stopper for Throttle Valve                       | —                                        |          |
| Ⓚ    | Retainer for Secondary Regulator Valve Plug      | 18.0 x 5.0 x 3.2 (0.709 x 0.197 x 0.126) |          |
| Ⓛ    | Pin for Throttle Valve Sleeve                    | 23.8 x 3.0 (0.937 x 0.118)               |          |
| Ⓜ    | Retainer for Cut-back Valve Plug                 | 16.0 x 5.0 x 3.2 (0.630 x 0.197 x 0.126) |          |

2. CHECK BALLS

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003018

| Mark | Name       | Diameter    | mm (in.) |
|------|------------|-------------|----------|
| A    | Check Ball | 6.4 (0.252) |          |