

Unit of length: mm (in)

## Automatic Transmission — Section 14

|                                                    | MEASUREMENT                                                       | STANDARD (NEW)                                                 | SERVICE LIMIT                                                                                     |
|----------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Transmission fluid                                 | Capacity ℓ (US qt)                                                | 7.0 (7.4) for overhaul<br>2.9 (3.1) for fluid change           |                                                                                                   |
| Hydraulic pressure kPa (kgf/cm <sup>2</sup> , psi) | Line pressure at 2,000 rpm in <b>D</b> or <b>1</b> position       | 830 – 880 (8.5 – 9.0, 121 – 128)                               | 785 (8.0, 114)                                                                                    |
|                                                    | 1st clutch pressure at 2,000 rpm in <b>D</b> or <b>1</b> position |                                                                |                                                                                                   |
|                                                    | 2nd clutch pressure at 2,000 rpm in <b>D</b> position             | 490 (5.0, 71)                                                  | 440 (4.5, 64)                                                                                     |
|                                                    | 3rd clutch pressure at 2,000 rpm in <b>D</b> position             | Fully closed throttle<br>880 (9.0, 128)                        | Fully closed throttle<br>780 (8.0, 114)                                                           |
|                                                    | 4th clutch pressure at 2,000 rpm in <b>D</b> position             | throttle more than<br>3/16 opened                              | throttle more than<br>3/16 opened                                                                 |
|                                                    | 1st-hold clutch pressure at 2,000 rpm in <b>1</b> position        | 830 – 880 (8.5 – 9.0, 121 – 128)                               | 785 (8.0, 114)                                                                                    |
|                                                    | 2nd clutch pressure at 2,000 rpm in <b>2</b> position             |                                                                |                                                                                                   |
|                                                    | 4th clutch pressure at 2,000 rpm in <b>R</b> position             |                                                                |                                                                                                   |
|                                                    | Throttle B pressure                                               | Throttle fully closed<br>Throttle fully opened                 | 0 – 15 (0 – 0.15, 0 – 2)<br>600 – 660 (6.1 – 6.7, 87 – 95)                                        |
| Stall speed rpm                                    | Check with vehicle on level ground                                | 2,100                                                          | 1,950 – 2,250                                                                                     |
| Clutch                                             | Clutch initial clearance                                          | 1st-hold<br>1st<br>2nd, 3rd, 4th                               | 0.7 – 0.9 (0.028 – 0.035)<br>0.65 – 0.85 (0.026 – 0.033)<br>0.75 – 0.95 (0.030 – 0.037)           |
|                                                    | Clutch return spring free length                                  | 1st<br>2nd, 3rd, 4th                                           | 41.4 (1.630)<br>33.0 (1.299)                                                                      |
|                                                    | Clutch disc thickness                                             | 1st-hold, 1st, 2nd, 3rd<br>4th                                 | 1.88 – 2.00 (0.074 – 0.079)<br>2.28 – 2.40 (0.090 – 0.094)                                        |
|                                                    | Clutch plate thickness                                            | 1st-hold, 1st<br>2nd, 3rd, 4th                                 | 1.95 – 2.05 (0.077 – 0.081)<br>2.25 – 2.35 (0.089 – 0.093)                                        |
|                                                    | Clutch end plate thickness*                                       | Mark 1                                                         | 2.05 – 2.10 (0.081 – 0.083)                                                                       |
|                                                    |                                                                   | Mark 2                                                         | 2.15 – 2.20 (0.085 – 0.087)                                                                       |
|                                                    |                                                                   | Mark 3                                                         | 2.25 – 2.30 (0.089 – 0.091)                                                                       |
|                                                    |                                                                   | Mark 4                                                         | 2.35 – 2.40 (0.093 – 0.094)                                                                       |
|                                                    |                                                                   | Mark 5                                                         | 2.45 – 2.50 (0.096 – 0.098)                                                                       |
|                                                    |                                                                   | Mark 6                                                         | 2.55 – 2.60 (0.100 – 0.102)                                                                       |
|                                                    |                                                                   | Mark 7                                                         | 2.65 – 2.70 (0.104 – 0.106)                                                                       |
|                                                    |                                                                   | Mark 8                                                         | 2.75 – 2.80 (0.108 – 0.110)                                                                       |
|                                                    |                                                                   | Mark 9                                                         | 2.85 – 2.90 (0.112 – 0.114)                                                                       |
|                                                    |                                                                   |                                                                | 39.4 (1.551)<br>31.0 (1.220)<br>Until grooves worn out<br>Until grooves worn out<br>Discoloration |
|                                                    |                                                                   |                                                                | ↑<br>↓<br>Discoloration                                                                           |
|                                                    |                                                                   |                                                                |                                                                                                   |
|                                                    |                                                                   |                                                                |                                                                                                   |
| Valve body                                         | Stator shaft needle bearing contact I.D. (torque converter side)  | 28.000 – 28.021 (1.102 – 1.103)                                | Wear or damage                                                                                    |
|                                                    | Stator shaft needle bearing contact I.D. (ATF pump side)          | 31.000 – 31.013 (1.220 – 1.221)                                | Wear or damage                                                                                    |
|                                                    | ATF pump driven gear I.D.                                         | 14.016 – 14.034 (0.552 – 0.553)                                | Wear or damage                                                                                    |
|                                                    | ATF pump driven gear shaft O.D.                                   | 13.980 – 13.990 (0.550 – 0.551)                                | Wear or damage                                                                                    |
|                                                    | ATF pump gear side clearance                                      | 0.03 – 0.05 (0.001 – 0.002)                                    | 0.07 (0.003)                                                                                      |
|                                                    | ATF pump gear-to-body clearance                                   | 0.210 – 0.265 (0.008 – 0.010)<br>0.070 – 0.125 (0.003 – 0.005) |                                                                                                   |
| Regulator valve body                               | Sealing ring contact I.D.                                         | 37.000 – 37.025 (1.457 – 1.458)                                | 37.05 (1.459)                                                                                     |

\* Clutch end plate diameter: 1st: 116 mm (4.57 in)  
1st-hold, 2nd, 3rd and 4th: 120 mm (4.72 in)

(cont'd)

# Standards and Service Limits

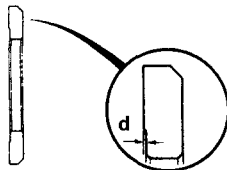
## Automatic Transmission (cont'd) — Section 14

|                                           | MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | STANDARD (NEW)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SERVICE LIMIT                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2nd accumulator body                      | Sealing ring contact I.D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 35.000 – 35.025 (1.378 – 1.379)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 35.05 (1.380)                                                                                                                                                                                                                                                                                                                                                              |
| Shifting device and parking brake control | Reverse shift fork finger thickness<br>Park brake pawl<br>Park gear                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5.90 – 6.00 (0.232 – 0.236)<br>_____<br>_____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5.40 (0.213)<br>Wear or other defect<br>Wear or other defect                                                                                                                                                                                                                                                                                                               |
| Servo body                                | Shift fork shaft bore I.D.<br><br>Shift fork shaft valve bore I.D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 14.000 – 14.005 (0.5512 – 0.5514)<br>14.006 – 14.010 (0.5514 – 0.5516)<br>14.011 – 14.015 (0.5516 – 0.5518)<br>37.000 – 37.039 (1.457 – 1.458)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | _____<br>_____<br>_____<br>37.045 (1.4459)                                                                                                                                                                                                                                                                                                                                 |
| Transmission                              | Diameter of needle bearing contact area<br>On mainshaft and stator shaft<br>On mainshaft 4th gear collar<br>On mainshaft 1st gear collar<br>On countershaft (right side)<br>On countershaft 3rd gear collar<br>On countershaft 4th gear<br>On countershaft reverse gear collar<br>On countershaft 1st gear collar<br>On secondary shaft 2nd gear<br>On reverse idler gear shaft<br>Inside diameter<br>Mainshaft 1st gear<br>Mainshaft 4th gear<br>Countershaft 1st gear<br>Countershaft reverse gear<br>Countershaft 4th gear<br>Countershaft 2nd gear<br>Countershaft 3rd gear<br>Secondary shaft 2nd gear<br>Reverse idler gear<br>Reverse idler gear shaft holder<br>Mainshaft 1st gear collar length<br>Mainshaft 1st gear collar flange thickness<br>Countershaft reverse gear collar length<br>Countershaft reverse gear collar flange thickness<br>Diameter of countershaft one-way clutch contact area<br>Diameter of parking gear one-way clutch contact area<br>Mainshaft ATF feed pipe O.D.<br>Mainshaft ATF feed pipe O.D.<br>Mainshaft sealing ring 37 mm thickness<br>Mainshaft bushing I.D.<br><br>Countershaft ATF feed pipe O.D.<br>Countershaft ATF feed pipe O.D.<br>Countershaft bushing I.D.<br><br>Secondary shaft sealing ring 35 mm thickness<br>Mainshaft sealing ring groove width<br>Secondary shaft sealing ring groove width | 23.980 – 23.993 (0.944 – 0.945)<br>33.975 – 33.991 (1.3376 – 1.3382)<br>32.975 – 32.991 (1.298 – 1.299)<br>41.005 – 41.015 (1.614 – 1.615)<br>43.975 – 43.991 (1.731 – 1.732)<br>34.975 – 34.991 (1.377 – 1.378)<br>36.975 – 36.991 (1.4557 – 1.4563)<br>33.975 – 33.991 (1.3376 – 1.3382)<br>36.975 – 36.991 (1.4557 – 1.4563)<br>13.990 – 14.000 (0.5508 – 0.5512)<br><br>38.000 – 38.016 (1.496 – 1.497)<br>40.000 – 40.016 (1.5748 – 1.5754)<br>40.000 – 40.016 (1.5748 – 1.5754)<br>43.000 – 43.016 (1.693 – 1.694)<br>41.000 – 41.016 (1.614 – 1.615)<br>Involute spline<br>52.000 – 52.019 (2.0472 – 2.0480)<br>43.000 – 43.016 (1.693 – 1.694)<br>18.007 – 18.020 (0.7089 – 0.7094)<br>14.416 – 14.434 (0.5676 – 0.5683)<br>35.00 – 35.05 (1.378 – 1.380)<br>2.95 – 3.10 (0.116 – 0.122)<br>16.00 – 16.05 (0.630 – 0.632)<br>2.95 – 3.05 (0.116 – 0.120)<br><br>88.869 – 88.895 (3.499 – 3.500)<br>72.212 – 72.225 (2.8430 – 2.8435)<br>11.47 – 11.48 (0.4516 – 0.4520)<br>5.97 – 5.98 (0.2350 – 0.2354)<br>1.980 – 1.995 (0.078 – 0.079)<br>6.018 – 6.030 (0.2369 – 0.2374)<br>11.500 – 11.518 (0.4528 – 0.4535)<br>11.47 – 11.48 (0.4516 – 0.4520)<br>7.97 – 7.98 (0.3138 – 0.3142)<br>8.000 – 8.015 (0.315 – 0.316)<br>11.500 – 11.518 (0.4528 – 0.4535)<br>1.980 – 1.995 (0.078 – 0.079)<br>2.025 – 2.060 (0.080 – 0.081)<br>2.025 – 2.060 (0.080 – 0.081) | Wear or damage<br>↑<br>↓<br>Wear or damage<br>↑<br>↓<br>Wear or damage<br>_____<br>Wear or damage<br>_____<br>Wear or damage<br><br>Wear or damage<br>Wear or damage<br>11.45 (0.451)<br>5.95 (0.2343)<br>1.80 (0.071)<br>6.045 (0.238)<br>11.35 (0.454)<br>11.45 (0.451)<br>7.95 (0.313)<br>8.03 (0.316)<br>11.53 (0.454)<br>1.80 (0.071)<br>2.08 (0.082)<br>2.08 (0.082) |

Unit of length: mm (in)

## Automatic Transmission — Section 14

|                          | MEASUREMENT                                       | STANDARD (NEW)                      | SERVICE LIMIT                            |
|--------------------------|---------------------------------------------------|-------------------------------------|------------------------------------------|
| Transmission<br>(cont'd) | Selector hub O.D.                                 | 55.67 – 55.70 (2.192 – 2.193)       | Wear or damage                           |
|                          | Thrust washer thickness                           |                                     |                                          |
|                          | Mainshaft 4th gear right side                     | 4.45 – 4.55 (0.175 – 0.179)         | Wear or damage                           |
|                          | Mainshaft 4th gear left side                      | 3.45 – 3.55 (0.136 – 0.140)         | Wear or damage                           |
|                          | Mainshaft 1st gear right side                     | 1.45 – 1.50 (0.057 – 0.059)         | 1.40 (0.055)                             |
|                          | Mainshaft 1st gear left side                      | 2.43 – 2.50 (0.096 – 0.098)         | Wear or damage                           |
|                          | Countershaft 3rd gear collar length               | 1 35.425 – 35.440 (1.3947 – 1.3953) | _____                                    |
|                          |                                                   | 2 35.440 – 35.455 (1.3953 – 1.3959) | _____                                    |
|                          |                                                   | 3 35.455 – 35.470 (1.3959 – 1.3965) | _____                                    |
|                          |                                                   | 4 35.470 – 35.485 (1.3965 – 1.3970) | _____                                    |
|                          |                                                   | 5 35.485 – 35.500 (1.3970 – 1.3976) | _____                                    |
|                          |                                                   | 6 35.500 – 35.515 (1.3976 – 1.3982) | _____                                    |
|                          | Countershaft 2nd gear spacer length               | 17.90 – 17.95 (0.705 – 0.707)       | _____                                    |
|                          | Cotter thickness                                  | 1 1.975 – 2.000 (0.078 – 0.079)     | _____                                    |
|                          |                                                   | 2 2.000 – 2.025 (0.079 – 0.080)     | _____                                    |
|                          |                                                   | 3 2.025 – 2.050 (0.080 – 0.081)     | _____                                    |
|                          |                                                   | 4 2.050 – 2.075 (0.081 – 0.082)     | _____                                    |
|                          |                                                   | 5 2.075 – 2.100 (0.082 – 0.083)     | _____                                    |
|                          |                                                   | 6 2.100 – 2.125 (0.083 – 0.084)     | _____                                    |
|                          |                                                   | 7 2.125 – 2.150 (0.084 – 0.085)     | _____                                    |
|                          |                                                   | 8 2.150 – 2.175 (0.085 – 0.086)     | _____                                    |
|                          |                                                   | 9 2.175 – 2.200 (0.086 – 0.087)     | _____                                    |
|                          |                                                   | 10 2.200 – 2.225 (0.087 – 0.088)    | _____                                    |
|                          |                                                   | 11 2.225 – 2.250 (0.088 – 0.089)    | _____                                    |
|                          |                                                   | 12 2.250 – 2.275 (0.089 – 0.090)    | _____                                    |
|                          |                                                   | 13 2.275 – 2.300 (0.090 – 0.091)    | _____                                    |
|                          |                                                   | 14 2.300 – 2.325 (0.091 – 0.092)    | _____                                    |
|                          |                                                   | 15 2.325 – 2.350 (0.092 – 0.093)    | _____                                    |
|                          |                                                   | 16 2.350 – 2.375 (0.093 – 0.094)    | _____                                    |
|                          | Cotter retainer thickness                         | 1 2.97 – 3.00 (0.117 – 0.118)       | _____                                    |
|                          |                                                   | 2 3.00 – 3.03 (0.118 – 0.119)       | _____                                    |
|                          |                                                   | 3 3.03 – 3.06 (0.119 – 0.120)       | _____                                    |
|                          |                                                   | 4 3.06 – 3.09 (0.120 – 0.122)       | _____                                    |
|                          |                                                   | 5 3.09 – 3.12 (0.122 – 0.123)       | _____                                    |
|                          | Countershaft reverse gear thrust washer thickness | 1.45 – 1.50 (0.057 – 0.059)         | 1.40 (0.055)                             |
|                          | Countershaft 1st gear collar length               | 1 62.50 – 62.55 (2.461 – 2.463)     | _____                                    |
|                          |                                                   | 2 62.60 – 62.65 (2.465 – 2.467)     | _____                                    |
|                          | Thrust washer thickness                           |                                     |                                          |
|                          | Countershaft 1st gear left side                   | 3.43 – 3.50 (0.135 – 0.138)         | Wear or damage                           |
|                          | Secondary shaft 2nd gear                          | 4.45 – 4.55 (0.175 – 0.179)         | Wear or damage                           |
|                          | Secondary shaft spacer 31 mm length               | 33.00 – 33.05 (1.299 – 1.301)       | _____                                    |
|                          | End play                                          |                                     |                                          |
|                          | Mainshaft 4th gear                                | 0.10 – 0.22 (0.004 – 0.009)         | _____                                    |
|                          | Mainshaft 1st gear                                | 0.08 – 0.33 (0.003 – 0.013)         | _____                                    |
|                          | Countershaft 3rd gear                             | 0 – 0.03 (0 – 0.001)                | Adjust with a 3rd gear collar or cotters |
|                          | Countershaft 2nd gear                             | 0 – 0.05 (0 – 0.002)                |                                          |
|                          | Countershaft 4th gear                             | 0.05 – 0.11 (0.002 – 0.004)         | Adjust with a cotter retainer            |
|                          | Countershaft reverse gear                         | 0.10 – 0.25 (0.004 – 0.010)         | _____                                    |
|                          | Countershaft 1st gear                             | 0.20 – 0.31 (0.008 – 0.012)         | Adjust with a 1st gear collar            |
|                          | Secondary shaft 2nd gear                          | 0.01 – 0.11 (0.0004 – 0.0043)       | Adjust with a thrust washer              |
|                          | Reverse idler gear                                | 0.05 – 0.18 (0.002 – 0.007)         | _____                                    |
|                          | Secondary shaft 2nd gear thrust washer depth "d"  | 0 (0)                               | _____                                    |
|                          |                                                   | 0 – 0.03 (0 – 0.001)                | _____                                    |
|                          |                                                   | 0.03 – 0.06 (0.001 – 0.002)         | _____                                    |
|                          |                                                   | 0.06 – 0.09 (0.002 – 0.004)         | _____                                    |
|                          |                                                   | 0.09 – 0.12 (0.004 – 0.005)         | _____                                    |



(cont'd)

# Standards and Service Limits

## Automatic Transmission (cont'd) — Section 14

|        | MEASUREMENT                         | STANDARD (NEW)                |              |               |              |
|--------|-------------------------------------|-------------------------------|--------------|---------------|--------------|
|        |                                     | Wire Dia.                     | O.D.         | Free Length   | No. of Coils |
| Spring | Idle shaft spring A                 | 0.7 (0.028)                   | 5.7 (0.224)  | 14.6 (0.575)  | 7.0          |
|        | Servo detent spring                 | 1.0 (0.039)                   | 7.6 (0.299)  | 14.8 (0.583)  | 5.5          |
|        | Regulator valve spring A            | 1.58 x 2.0<br>(0.062 x 0.079) | 14.7 (0.579) | 88.6 (3.488)  | 20.9         |
|        | Regulator valve spring B            | 1.8 (0.071)                   | 9.6 (0.378)  | 44.0 (1.732)  | 14.7         |
|        | Stator reaction spring              | 6.0 (0.236)                   | 38.4 (1.512) | 30.3 (1.193)  | 2.0          |
|        | Torque converter check valve spring | 1.1 (0.043)                   | 8.4 (0.331)  | 41.8 (1.646)  | 15.7         |
|        | Relief valve spring                 | 1.1 (0.043)                   | 8.4 (0.331)  | 44.4 (1.748)  | 19.5         |
|        | Cooler relief valve spring          | 1.2 (0.047)                   | 8.4 (0.331)  | 35.7 (1.406)  | 16.5         |
|        | One-way relief valve spring         | 0.9 (0.035)                   | 6.4 (0.252)  | 25.1 (0.988)  | 11.9         |
|        | LSD relief valve spring             | 0.8 (0.031)                   | 8.4 (0.331)  | 37.3 (1.469)  | 12.1         |
|        | 2nd orifice control valve spring    | 0.8 (0.031)                   | 8.1 (0.319)  | 47.9 (1.886)  | 16.0         |
|        | 3rd orifice control valve spring    | 0.9 (0.035)                   | 8.6 (0.339)  | 48.3 (1.902)  | 16.6         |
|        | 4th exhaust valve spring            | 0.6 (0.024)                   | 7.6 (0.299)  | 24.4 (0.961)  | 7.9          |
|        | Throttle valve B spring A/B/C/D     | 0.9 (0.035)                   | 7.1 (0.280)  | 29.0 (1.142)  | 12.6         |
|        | 1-2 shift valve spring              | 0.9 (0.035)                   | 8.6 (0.339)  | 40.4 (1.591)  | 14.5         |
|        | 2-3 shift valve spring              | 0.8 (0.031)                   | 7.0 (0.276)  | 43.7 (1.720)  | 21.2         |
|        | 3-4 shift valve spring              | 0.8 (0.031)                   | 7.0 (0.276)  | 43.7 (1.720)  | 21.2         |
|        | 1st-hold accumulator spring         | 3.4 (0.134)                   | 24.3 (0.957) | 64.7 (2.547)  | 6.7          |
|        | 1st accumulator spring              | 2.3 (0.091)                   | 20.0 (0.787) | 104.6 (4.118) | 14.8         |
|        | 4th accumulator spring              | 3.0 (0.118)                   | 18.0 (0.709) | 84.5 (3.327)  | 12.8         |
|        | 2nd accumulator spring              | 3.3 (0.130)                   | 20.2 (0.795) | 78.0 (3.071)  | 11.8         |
|        | 3rd accumulator spring              | 3.2 (0.126)                   | 19.0 (0.748) | 88.6 (3.488)  | 14.3         |
|        | Lock-up shift valve spring          | 1.0 (0.039)                   | 8.6 (0.339)  | 51.3 (2.020)  | 19.8         |
|        | Lock-up timing valve B spring       | 0.8 (0.031)                   | 5.6 (0.220)  | 27.8 (1.094)  | 16.4         |
|        | Lock-up control valve spring A/B/C  | 0.8 (0.031)                   | 6.6 (0.260)  | 38.3 (1.508)  | 25.0         |
|        | Servo control valve spring          | 1.0 (0.039)                   | 8.1 (0.319)  | 53.5 (2.106)  | 20.8         |
|        | Modulator valve spring A/B          | 1.4 (0.055)                   | 9.4 (0.370)  | 33.0 (1.299)  | 10.5         |
|        | CPC valve spring A/B/C              | 1.0 (0.039)                   | 6.8 (0.268)  | 32.1 (1.264)  | 15.6         |
|        | 4-3 kick-down valve spring          | 0.9 (0.035)                   | 6.6 (0.260)  | 30.7 (1.209)  | 12.9         |
|        | 3-2 kick-down valve spring          | 1.0 (0.039)                   | 6.1 (0.240)  | 27.1 (1.067)  | 13.4         |
|        | 2nd exhaust valve spring            | 1.0 (0.039)                   | 6.1 (0.240)  | 27.1 (1.067)  | 13.4         |