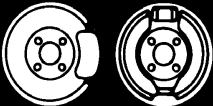
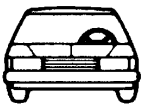
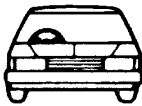
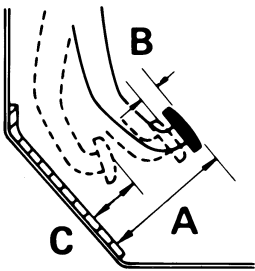
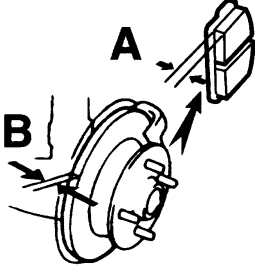
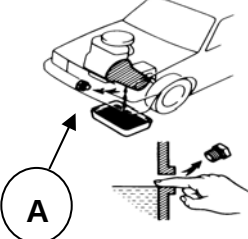
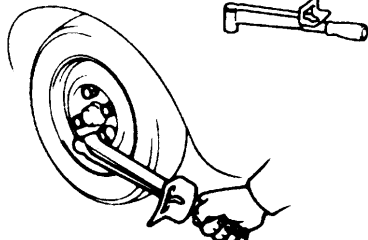
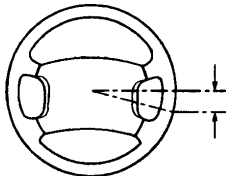
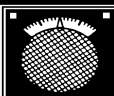
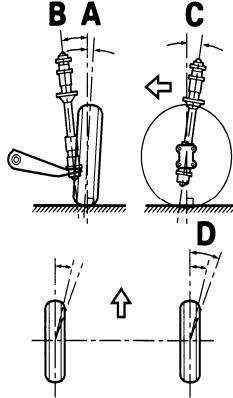
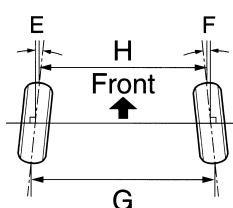
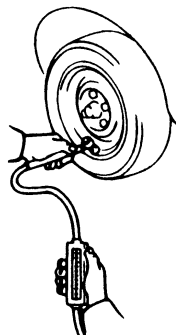
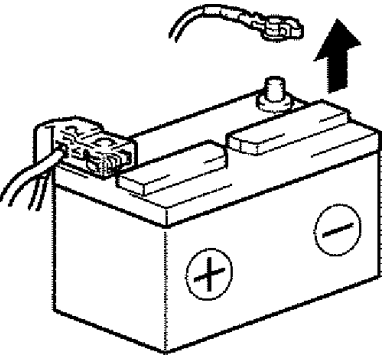
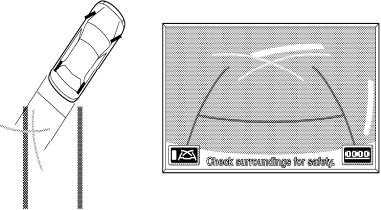
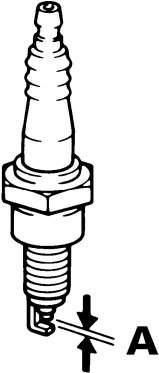
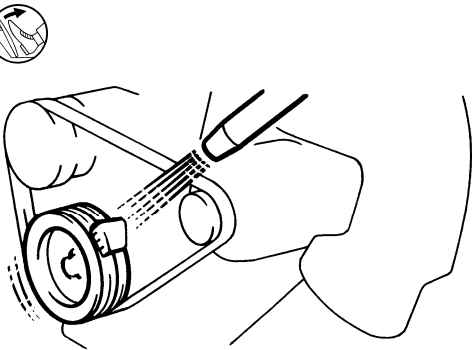
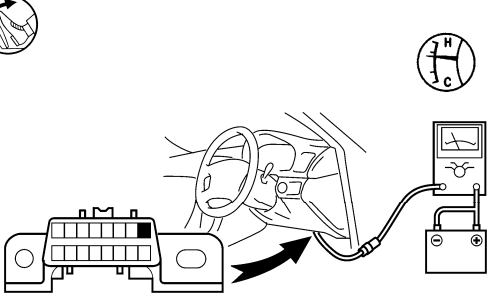
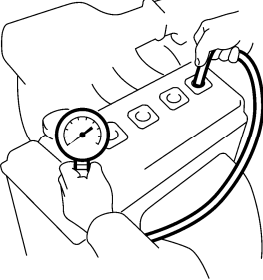
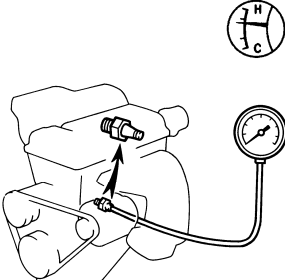
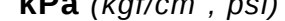
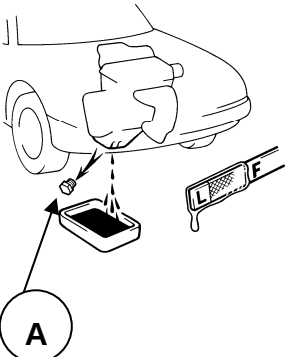
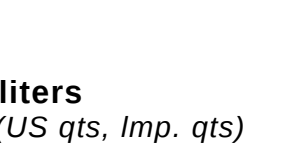
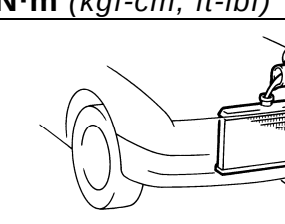


|                                          |     |       |       |
|---------------------------------------------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| <br>mm (in.)                             | A   | <b>128.8 to 138.8</b><br>(5.07 to 5.46)*2<br><b>126.8 to 136.8</b><br>(4.99 to 5.39)*3 | <b>133.3 to 143.3</b><br>(5.25 to 5.64)*2<br><b>131.3 to 141.3</b><br>(5.17 to 5.56)*3 |
|                                                                                                                           | B   | <b>1.0 to 6.0</b> (0.0394 to 0.236)                                                    |                                                                                        |
|                                                                                                                           | C*1 | ↑ <b>79.0</b> (3.11)*2<br>↑ <b>77.0</b> (3.03)*3                                       | ↑ <b>82.0</b> (3.23)*2<br>↑ <b>80.0</b> (3.15)*3                                       |
|                                                                                                                           |     | SAE J1703 or<br>FMVSS No. 116 DOT3                                                     |                                                                                        |
| <br><b>300 N</b><br>(31 kgf, 67.5 lbf) |     | <b>8 to 11</b>                                                                         |                                                                                        |
| <br>mm (in.)                           | A   | ↑ <b>1.0</b> (0.0394)                                                                  |                                                                                        |
|                                                                                                                           | B   | ↑ <b>22.0</b> (0.866)                                                                  | ↑ <b>7.5</b> (0.295)*4<br>↑ <b>8.5</b> (0.335)*5                                       |
|                                                                                                                           |     |     |                                                                                        |
|                                        |     | ZWA                                                                                    |                                                                                        |
| <br>liters (US qts, Imp.qts)           |     | <b>3.4</b> (3.6, 3.0)                                                                  |                                                                                        |
|                                                                                                                           |     | Toyota Genuine ATF WS                                                                  |                                                                                        |
|                                                                                                                           | A   | <b>39</b> (398, 29)                                                                    |                                                                                        |
| N·m (kgf-cm, ft-lbf)                                                                                                      |     |                                                                                        |                                                                                        |

|                                                                                                                |                 |                                                                                                                                 |                                                                                     |                                                                                     |
|----------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                             |                 | ZWA                                                                                                                             |                                                                                     |                                                                                     |
| <br>N·m (kgf-cm, ft-lbf)    |                 | 103 (1050, 76)                                                                                                                  |                                                                                     |                                                                                     |
|                             |                 | ZWA                                                                                                                             |                                                                                     |                                                                                     |
| <br>mm (in.)                |                 | ↓ 30 (1.18)                                                                                                                     |                                                                                     |                                                                                     |
|                             |                 |                                              |                                                                                     |                                                                                     |
|                           | A               | -0°15' +/- 45'<br>(-0.25° +/- 0.75°)*6<br>-0°13' +/- 45'<br>(-0.22° +/- 0.75°)*7*8<br>-0°14' +/- 45'<br>(-0.23° +/- 0.75°)*9*10 | -1°00' +/- 45'<br>(-1.00° +/- -0.75°)                                               |                                                                                     |
|                                                                                                                | B               | 12°22' (12.37°)*6<br>12°11' (12.18°)*7*8<br>12°14' (12.23°)*9*10                                                                | -                                                                                   |                                                                                     |
|                                                                                                                | C               | 5°48' +/- 45'<br>(5.80° +/- 0.75°)*6<br>5°56' +/- 45'<br>(5.93° +/- 0.75°)*7*8<br>5°48' +/- 45'<br>(5.80° +/- 0.75°)*9*10       | -                                                                                   |                                                                                     |
|                                                                                                                | D               | 39°05' +/- 2°<br>(39.08° +/- 2°)*6<br>39°20' +/- 2°<br>(39.33° +/- 2°)*7*8<br>39°15' +/- 2°<br>(39.25° +/- 2°)*9*10             | -                                                                                   |                                                                                     |
|                           | E+F             | 0°12' +/- 12'<br>(0.20° +/- 0.20°)                                                                                              | 0°12' +/- 12'<br>(0.20° +/- 0.20°)                                                  |                                                                                     |
|                                                                                                                | G-H<br>mm (in.) | 2.0 +/- 2.0<br>(0.0787 +/- 0.0787)                                                                                              | 2.0 +/- 2.0<br>(0.0787 +/- 0.0787)                                                  |                                                                                     |
| <br>km/h (mph)            |                 |                                            |                                                                                     |                                                                                     |
| <br>kPa<br>(kgf/cm², psi) | Europe          | ↑160<br>(100)                                                                                                                   | 250 (2.5, 36)*6<br>240 (2.4, 35)*7*9<br>230 (2.3, 33)*8*10                          | 250 (2.5, 36)*6<br>240 (2.4, 35)*7*9<br>220 (2.2, 32)*8*10                          |
|                                                                                                                |                 | ↓160<br>(100)                                                                                                                   | 230 (2.3, 33)*6*11<br>270 (2.7, 39)*6*12<br>220 (2.2, 32)*7*9<br>230 (2.3, 33)*8*10 | 230 (2.3, 33)*6*11<br>270 (2.7, 39)*6*12<br>220 (2.2, 32)*7*9<br>220 (2.2, 32)*8*10 |
|                                                                                                                | GCC             | ↑160<br>(100)                                                                                                                   | 240 (2.4, 35)                                                                       | 240 (2.4, 35)                                                                       |
|                                                                                                                |                 | ↓160<br>(100)                                                                                                                   | 220 (2.2, 32)                                                                       | 220 (2.2, 32)                                                                       |

\*1: When the brake pedal is depressed with force of 196 N (20 kgf, 44.1 lbf) with the power switch on (READY). \*2: for Aluminum pad \*3: for Rubber pad  
 \*4: Disc diameter: 259 mm (10.2 in.) \*5: Disc diameter: 279 mm (11.0 in.) \*6: Tire size: 195/65R15 \*7: Tire size: 205/55R16 (except sport)  
 \*8: Tire size: 215/45R17 (except sport) \*9: Tire size: 205/55R16 (sport) \*10: Tire size: 215/45R17 (sport) \*11: Standard pressure  
 \*12: Eco pressure (for Countries that use WVTA)

|                                                                                     |               |                                                                                    |  |
|-------------------------------------------------------------------------------------|---------------|------------------------------------------------------------------------------------|--|
|    |               | ZWA                                                                                |  |
|    |               |  |  |
|                                                                                     |               | Power Door Lock Control System                                                     |  |
|   |               | 2ZR-FXE                                                                            |  |
| cm <sup>3</sup> or cc (cu.in.)                                                      |               | 1798 (109.7)                                                                       |  |
|  | DENSO         | SC20HR11                                                                           |  |
|                                                                                     | A<br>mm (in.) | 1.0 to 1.1<br>(0.0394 to 0.0433)                                                   |  |
|  |               | 8 to 12°<br>(DLC3 Terminals 13 (TC) – 4 (CG) Connected)                            |  |
|  |               | 950 to 1050*3<br>(DLC3 Terminal 9 (TAC) Connected)                                 |  |
|                                                                                     |               | rpm                                                                                |  |

|                                                                                       |  |                                                          |                                                                                                      |
|---------------------------------------------------------------------------------------|--|----------------------------------------------------------|------------------------------------------------------------------------------------------------------|
|    |  | 813 (8.3, 118)                                           |                                                                                                      |
|    |  | 617 (6.3, 89.5)                                          |                                                                                                      |
|    |  | 100 (1.0, 14.5)                                          |                                                                                                      |
|  |  | 60 (0.6, 8.7)*3                                          |                                                                                                      |
|  |  | 142 (1.4, 21)*3                                          |                                                                                                      |
|  |  | 2ZR-FXE                                                  |                                                                                                      |
|  |  | 3.9 (4.1, 3.4)                                           |                                                                                                      |
|  |  | 4.2 (4.4, 3.7)                                           |                                                                                                      |
|  |  | 15W-40<br>20W-50                                         | API grade SL or SM<br>multigrade engine oil                                                          |
|  |  | 0W-20<br>5W-20<br>5W-30<br>10W-30                        | API grade SL<br>"Energy-Conserving".<br>SM "Energy-Conserving"<br>or ILSAC*<br>multigrade engine oil |
|  |  | A                                                        | 37 (377, 27)                                                                                         |
|  |  | 6.9 (7.3, 6.1)*4<br>6.5 (6.9, 5.7)*5<br>2.1 (2.2, 1.8)*6 |                                                                                                      |
|                                                                                       |  | liters (US qts, Imp. qts)                                |                                                                                                      |

\*ILSAC: International Lubricant Standardization and Approval Committee

\*1: Initialization required. Refer to the repair manual for the initialization procedures.    \*2: Parking Assist Monitor System

\*3: Park (P) selected in inspection mode    \*4: for Engine w/ Exhaust Heat Recirculation System    \*5: for Engine w/o Exhaust Heat Recirculation System

\*6: for Inverter