
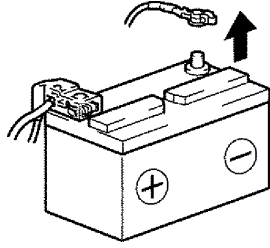

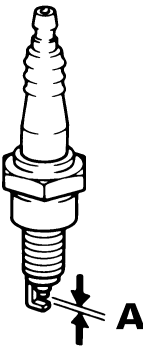
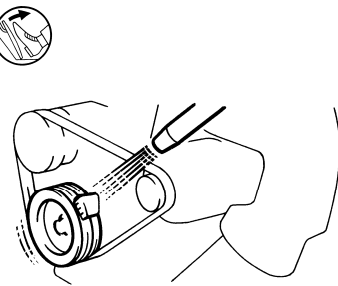
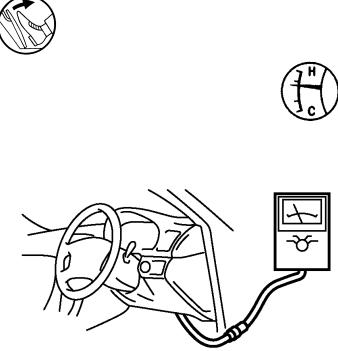
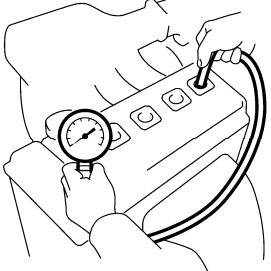



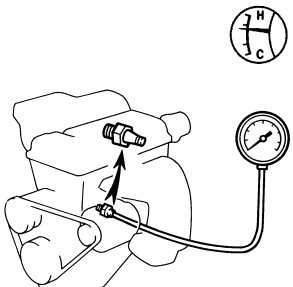


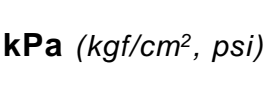


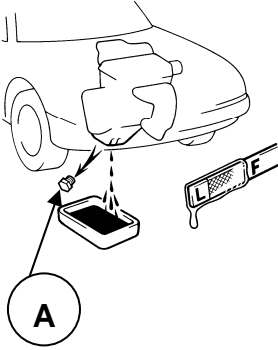


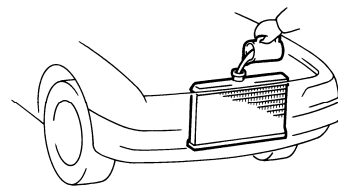


|                           |  |                               |              |
|---------------------------|--|-------------------------------|--------------|
|                           |  |                               |              |
|                           | <b>A</b>   | 149.5 to 159.5 (5.89 to 6.28) |              |
|                           | <b>B</b>   | 1.0 to 6.0 (0.0394 to 0.236)  |              |
|                           | <b>C*1</b>   | 85.0 (3.35)                   |              |
| mm (in.)                  | SAE J1703 or FMVSS No. 116 DOT3<br>SAE J1704 or FMVSS No. 116 DOT4 |                               |              |
|                           | <b>A</b>   |                               |              |
|                           | <b>B</b>   | 25.0 (0.984)                  | 10.5 (0.414) |
|                           | <b>A</b>   | 1.0 (0.0394)                  |              |
| mm (in.)                  |  |                               |              |
| <b>AXVH</b>               |  |                               |              |
|                           |  |                               |              |
|                           | 3.9 (4.1, 3.4)   |                               |              |
| liters (US qts, Imp. qts) | Toyota Genuine ATF WS  |                               |              |
| <b>A</b>                  | 50 (510, 37)   |                               |              |
| N·m (kgf·cm, ft·lbf)      |  |                               |              |

|                                 |              |   |  |
|---------------------------------|--------------|---|--|
|                                 |              | <b>AXVH</b>   |  |
|                                 |              | 103 (1050, 76)  |  |
|                                 |              | <b>AXVH</b>   |  |
|                                 |              | 30 (1.18)   |  |
|                                 |              |   |  |
|                                 | <b>A</b>     | -0°30'±-45'<br>(-0.50°±-0.75°)<br>-0°20'±-45'<br>(-0.33°±-0.75°)*2  | -1°05'±-45'<br>(-1.08°±-0.75°)<br>-0°55'±-45'<br>(-0.92°±-0.75°)*2 |
|                                 | <b>B</b>     | 12°50' (12.83°)<br>12°30' (12.50°)*2  | -  |
|                                 | <b>C</b>     | 5°20'±-45'<br>(5.33°±-0.75°)  | -  |
|                                 | <b>D</b>     | 38°15' ±-2°<br>(38.25°±-2°)*3*5<br>32°50'<br>(32.83°)*3*6<br>36°55' ±-2°<br>(36.92°±-2°)*4*5<br>32°00'<br>(32.00°)*4*6<br>37°20' ±-2°<br>(37.33°±-2°)*2*4*5<br>32°15'<br>(32.25°)*2*4*6 | -  |
|                                 | <b>E+F</b>   | 0°11'±-10'<br>(0.19°±-0.17°)<br>0°12'±-10'<br>(0.21°±-0.17°)*2  | 0°09'±-10'<br>(0.15°±-0.17°)<br>0°10'±-10'<br>(0.16°±-0.17°)*2     |
|                                 | <b>G-H</b>   | 2.2±-2.0<br>(0.0866±-0.0787)<br>2.4±-2.0<br>(0.0945±-0.0787)*2  | 1.7±-2.0<br>(0.0669±-0.0787)<br>1.9±-2.0<br>(0.0748±-0.0787)*2     |
|                                 | mm (in.)     |   |  |
| <b>AXVH</b>                     |              |   |  |
|                                 |              |   |  |
|                                 | Korea        | 215/55R17 94V<br>235/45R18 94V  | 240 (2.4, 35)  |
|                                 | except Korea | 215/55R17 94V<br>235/45R18 94Y  | 240 (2.4, 35)*7<br>270 (2.7, 39)*9                                 |
|                                 |              | 235/45R18 94Y<br>235/45R18 94W  | 240 (2.4, 35)  |
|                                 |              | 235/45R18 94W   | 240 (2.4, 35)*8<br>270 (2.7, 39)*10                                |
| kPa (kgf/cm <sup>2</sup> , psi) |              |   |  |

\*1: When the brake pedal is depressed with force of 300 N (31 kgf, 67.4 lbf) while engine is running. \*2: for Rough Road Area Specification Vehicles  
 \*3: Tire Size: 215/55R17 \*4: Tire Size: 235/45R18 \*5: Inside \*6: Outside \*7: For driving under 160 km/h (99 mph).  
 \*8: For driving under 190 km/h (118 mph). \*9: For driving at 160 km/h (99 mph) to 220 km/h (137 mph).  
 \*10: For driving at 190 km/h (118 mph) to 220 km/h (137 mph).

|   |                                      |  |  |
|---|--------------------------------------|--|--|
|    |                                      | <b>AXVH</b>  |  |
|    | *1                                   | Lane Departure Alert System (w/ Steering Control)              |  |
|   |                                      | Pre-collision System   |  |
|   |                                      | Parking Assist Monitor System                                  |  |
|   |                                      | <b>A25A-FXS</b>  |  |
|   | <b>cm<sup>3</sup> or cc (cu.in.)</b> | <b>2487 (151.8)</b>  |  |
|  | <b>DENSO</b>                         | <b>FC16HR-Q8</b>   |  |
|   | <b>A</b><br>mm (in.)                 | <b>0.7 to 0.8 (0.0276 to 0.0315)</b>                           |  |
|  | <b>BTDC</b>                          | <b>8 to 12°</b><br>(DLC3 Terminals 13 (TC) – 4 (CG) Connected) |  |
|  |                                      | <b>1050 to 1150</b>  |  |
|   | <b>rpm</b>                           |  |  |

|   |   |  |  |
|---|---|--|--|
|    |    | <b>870 (8.9, 126)</b>  |  |
|   |    | <b>700 (7.1, 102)</b>  |  |
|   |    | <b>200 (2.0, 29)</b>   |  |
|   |    | <b>1500 rpm</b>  |  |
|   |    | <b>80 (0.8, 11.6)</b>  |  |
|  |   | <b>2500 rpm</b>  |  |
|   |  | <b>80 (0.8, 11.6)</b>  |  |
|  |   | <b>A25A-FXS</b>  |  |
|  |  | <b>4.2 (4.4, 3.7)</b>  |  |
|   |  | <b>4.5 (4.8, 4.0)</b>  |  |
|   | <b>0W-16</b>  | API grade SN "Resource-Conserving" multigrade engine oil   |  |
|   | <b>0W-20<br/>5W-20<br/>5W-30<br/>10W-30</b>   | API grade SL "Energy-Conserving", SM "Energy-Conserving", SN "Resource-Conserving" or ILSAC* multigrade engine oil |  |
|   | <b>15W-40</b>   | API grade SL, SM or SN multigrade engine oil   |  |
|   | <b>A</b>  | <b>40 (408, 30)</b>  |  |
|   | <b>N·m (kgf-cm, ft-lbf)</b>   |  |  |
|  |   | <b>6.1 (6.4, 5.4)*2</b>  |  |
|   | <b>liters (US qts, Imp. qts)</b>  | <b>1.8 (1.9, 1.6)*3</b>  |  |

\*ILSAC: International Lubricant Standardization and Approval Committee

\*1: Initialization required. Refer to the repair manual for the initialization procedures. \*2: for Engine \*3: for Inverter