
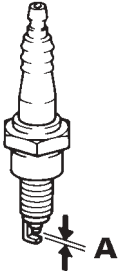
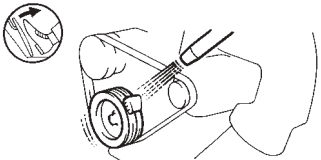
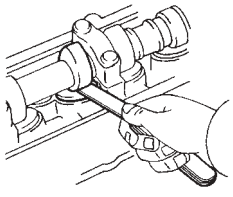


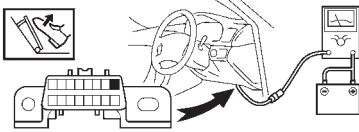
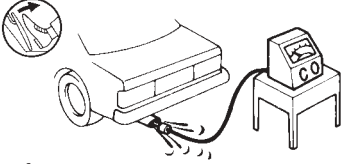
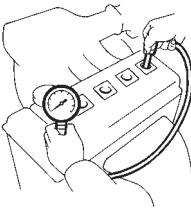





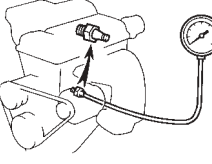

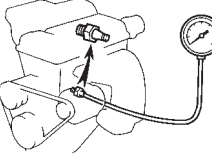
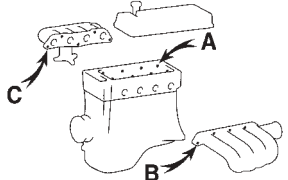
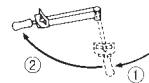

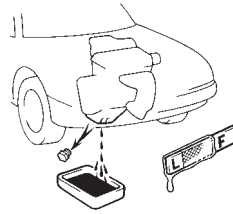


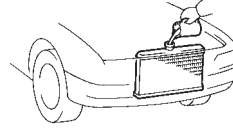


| | | |
|---|--|--|
|  | | 1ZZ-FE |
| cm ³ or CC (cu. in.) | | 1794 (109.5) |
|  | DENSO | K16R-U11 |
| | NGK | BKR5EYA11 |
| | A mm (in.) | 1.1 (0.043) |
|  | BTDC | 8–12° (DLC3 Terminals 13(TC)-4(CG) Connected) |
|  |  | 0.15–0.25 (0.006–0.010) |
| |  | 0.25–0.35 (0.010–0.014) |
|  | rpm | 750–850 (DLC Terminals 9(TAC) connected) |
|  | CO% | 0–0.5 |

| | | |
|---|---|--|
|  |  | 1270 (13.0, 184) |
|  |  | 1000 (10.2, 145) |
|  |  | 100 (1.0, 15) |
|  |  | 49 (0.5, 7.1) |
|  | 3,000 rpm | 294–539 (3.0–5.5, 43–78) |
|  | A |  ① 49 (500, 36) ② 90° |
| | B | 30 (306, 22) |
| | C | 37 (377, 27) |
| N·m (kgf-cm, ft-lbf) | | |
|  | | 1ZZ-FE |
|  |  | 3.5 (3.7, 3.1) |
| |  | 3.7 (3.9, 3.3) |
| liter (US qts, Imp.qts) | | 20W-50 and 15W-40– API grade SJ or SL multigrade engine oil 10W-30 and 5W-30– API grade SJ “Energy-Conserving”, SL “Energy-Conserving” or ILSAC*2 multigrade engine oil. |
|  | liter (US qts, Imp.qts) | 10.4 (11.0, 9.2) |

MR2

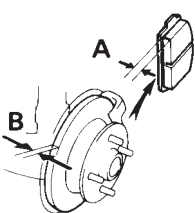




ZZW30 - 0063220 ~



| | | | |
|----------|---|---------------------------------|------------------------------|
| | | | |
| | A | 128.2–138.2 (5.047–5.441) | 143.1–153.1 (5.634–6.028) |
| | B | 5–15 (0.20–0.60) | |
| | C | 25 (0.98) | |
| mm (in.) | | SAE J1703 or FMVSS No. 116 DOT3 | |

| | | | |
|----------|----|---------------------------------|------------------------------|
| | | | |
| | A | 142.1–152.1 (5.594–5.988) | 133.2–143.2 (5.244–5.637) |
| | B | 1–6 (0.04–0.24) | |
| | C* | 85 (3.4) | 75 (3.0) |
| mm (in.) | | SAE J1703 or FMVSS No. 116 DOT3 | |

| | | | |
|--------------------------|--|-----|--|
| 196 N (20 kgf, 44.1 lbf) | | | |
| | | 5–8 | |

| | | | |
|--|----------|---|---|
|  mm (in.) | A |  1.0 (0.039) | |
| | B |  | |
| | |  18.0 (0.709) |  15.0 (0.591) |



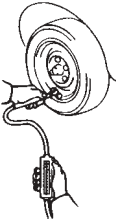








| | |
|----------------------|-----------------|
| | ZZW |
| | 216 (2200, 159) |
| N·m (kgf-cm, ft-lbf) | |
| | 103 (1050, 76) |
| N·m (kgf-cm, ft-lbf) | |

| | |
|--------------------------|--------------------------------|
| | ZZW |
| | 2.1 (2.2, 1.85) |
| R 1 3 5 2 4 6 N S | |
| | API GL-4 or GL-5 SAE 75W-90 |
| liter (US qts, Imp. qts) | |

| | | | |
|--------------------------|--|--|--|
| | | 0.6 (0.63, 0.53) | |
| | | TOYOTA POWER STEERING FLUID EH or equivalent | |
| liter (US qts, Imp. qts) | | | |

| | |
|----------|----------|
| | ZZW |
| | 30 (1.2) |
| mm (in.) | |

| | | | |
|----------|-----|------------------------------|------------------------------|
| | | | |
| | A | –0°48'±45' (–0.80°±0.75°) | –1°05'±45' (–1.08°±0.75°) |
| | B | 14°55'±45' (14.92°±0.75°) | — |
| | C | 3°05'±45' (3.08°±0.75°) | — |
| | D | 38°00'±2° (38.00°±2°) | — |
| | E+F | 0°09'±12' (0.15°±0.2°) | 0°18'±12' (0.3°±0.2°) |
| | G-H | 1.4±2 (0.06±0.08) | 3±2 (0.12±0.08) |
| mm (in.) | | | |

| | | | | | |
|---|-------------------|---|---|---|---------------|
|  | | | |  | |
| | | km/h (mph) | | | |
|  | 185/55R 15 81V | Australia |  140 (87) | 220 (2.2, 32) | _____ |
| | | |  140 (87) | 180 (1.8, 26) | _____ |
| | | Europe |  160 (100) | 180 (1.8, 26) | _____ |
| | | |  160 (100) | 180 (1.8, 26) | _____ |
| | 215/45R 16 86W | Australia |  140 (87) | _____ | 240 (2.4, 34) |
| | | |  140 (87) | _____ | 220 (2.2, 32) |
| Europe | |  160 (100) | _____ | 220 (2.2, 32) | |
| | |  160 (100) | _____ | 220 (2.2, 32) | |
| kPa (kg/cm ² or bar, psi) | | | | | |