# SDS TOYOTA Camry

ACV30, 31, MCV30 — Aug. '01

| | | 1AZ-FE | 2AZ-FE | 1MZ-FE |
|---|---|---|---|---|
| cm³ or CC (cu. in.) | | 1998 (121.9) | 2362 (144.1) | 2995 (182.8) |
| mm (in.) / N (kgf) | | —— | —— | 11–13.5 (0.43–0.53)<br>※ 294–490 (30–50) |
| | | —— | —— | 10–12 (0.39–0.47)<br>※ 323–519 (33–53) |
| A | DENSO | SK20R11 | | |
| | NGK | IFR6A11 | | |
| | A mm (in.) | 1.1 (0.043) | | |
| kΩ | | —— | | |
| BTDC | | 8–12°<br>(DLC3 Terminals 13 (TC)–4 (CG) Connected) | | |
| mm (in.) | | 0.19–0.29<br>(0.007–0.011) | | 0.15–0.25<br>(0.006–0.010) |
| | | 0.30–0.40<br>(0.012–0.016) | | 0.25–0.35<br>(0.010–0.014) |
| DLC 3 Terminal 9 (TAC) Connected / rpm | | —— | 650–750 | —— |
| | | 610–710 | 610–710 | 550–650 |
| CO% | | 0–0.5 | | |

| | | | |
|---|---|---|---|
| kPa (kgf/cm², psi) | | 1360 (13.9, 198) | 1470 (15.0, 213) |
| | | ⬆ 980 (10.0, 142) | |
| | | ⬇ 100 (1.0, 15) | |
| kPa (kgf/cm², psi) | | ⬆ 29 (0.3, 4.3) | |
| | 3,000 rpm | 245–539<br>(2.5–5.5, 36–78) | |
| N·m (kgf-cm, ft-lbf) | A | ① 79 (806, 58)<br>② 90° | ① 54 (550, 40)<br>② 90° |
| | B | 30 (306, 12) | 15 (153, 11) |
| | C | 37 (378, 27) | 49 (500, 36) |

| | 1AZ-FE | 2AZ-FE | 1MZ-FE |
|---|---|---|---|
| liter (US qts, Imp. qts) | 4.1 (4.3, 3.6) | | 4.5 (4.8, 4.0) |
| | 4.3 (4.5, 3.8) | | 4.7 (5.0, 4.1) |
| | API grade SJ "Energy-Conserving", SL "Energy-Conserving" or ILSAC* multigrade engine oil | | |
| liter (US qts, Imp. qts) | 6.2 (6.6, 5.5) | | 9.2 (9.7, 8.1) |

* ILSAC: International Lubricant Standardization and Approval Committee

Printed in Japan [I]

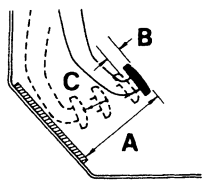
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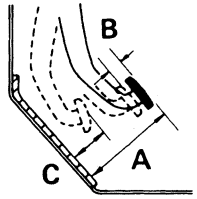
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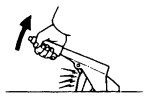
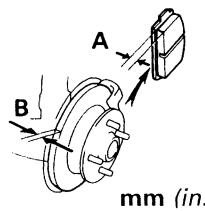
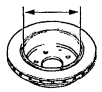
# Camry

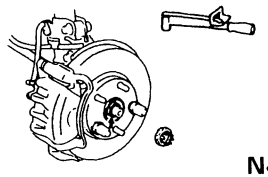
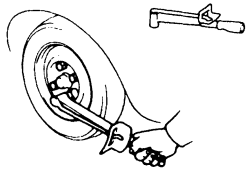
ACV30, 31
MCV30

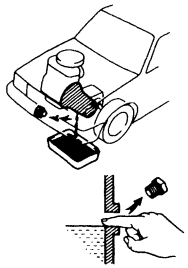
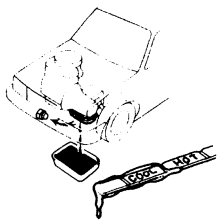
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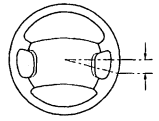
| | | | |
|---|---|---|---|
|  | A | 159–169 (6.260–6.654) | 165.9–175.9 (6.532–6.925) |
| | B | 5–15 (0.20–0.59) | |
| | C | ⬆ 25 (0.98) | |
| mm (in.) | | SAE J1703 or FMVSS No. 116 DOT3 | |

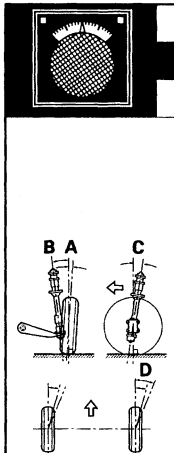
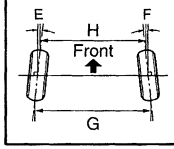
| | | | |
|---|---|---|---|
|  | A | 144.1–154.1 (5.673–6.067) | |
| | B | 1–6 (0.04–0.24) | |
| | C | ⬆ 63 (2.5) | ⬆ 70 (2.8) |
| mm (in.) | | SAE J1703 or FMVSS No. 116 DOT3 | |

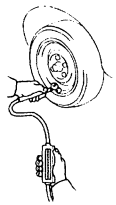
| | | |
|---|---|---|
|  196 N (20 kgf, 44.1 lbf) | | 6–9 |
|  300 N (31 kgf, 67 lbf) | | 3–6 |
|  mm (in.) | A | ⬆ 1.0 (0.039) |
| | B | ⬆ 26.0 (1.024) / ⬆ 10.5 (0.413) |
|  mm (in.) | | ⬆ 1.0 (0.039) |
|  mm (in.) | | ⬇ 171.0 (6.732) |

| | |
|---|---|
| | ACV, MCV |
|  N·m (kgf-cm, ft-lbf) | 294 (3000, 217) |
|  N·m (kgf-cm, ft-lbf) | 104 (1050, 77) |

| | | | |
|---|---|---|---|
| | | | ACV, MCV |
|  liter (US qts, Imp. qts) |  | ACV | 2.5 (2.6, 2.2) |
| | | MCV | —— |
| | | | API GL-4 or GL-5 SAE 75W-90 |
|  liter (US qts, Imp. qts) |  | ACV | 3.9 (4.1, 3.4) |
| | | MCV | 3.5 (3.7, 3.1) |
| | | | ATF TYPE T-IV |

| | | | |
|---|---|---|---|
| | | | ACV, MCV |
|  mm (in.) | | ⬇ 30 (1.18) | |

| | | | | |
|---|---|---|---|---|
|  | A | HI UP | −0°29′±45′ (−0.48°±0.75°) | −1°00′±45′ (−1.00°±0.75°) |
| | | Except HI UP | −0°40′±45′ (−0.67°±0.75°) | −1°13′±45′ (−1.22°±0.75°) |
| | B | HI UP | 10°57′ (10.95°) | —— |
| | | Except HI UP | 11°20′ (11.33°) | —— |
| | C | ACV 15 inch | 2°34′±45′ (2.57°±0.75°) | —— |
| | | ACV 16 inch | 2°32′±45′ (2.53°±0.75°) | —— |
| | | MCV | 2°30′±45′ (2.5°±0.75°) | —— |
| | | HI UP 15 inch | 2°27′±45′ (2.45°±0.75°) | —— |
| | | HI UP 16 inch | 2°25′±45′ (2.41°±0.75°) | —— |
| | D | ACV 15 inch | 39°13′±2° (39.22°±2°) | —— |
| | | ACV 16 inch | 36°46′±2° (36.77°±2°) | —— |
| | | MCV | 36°53′±2° (36.88°±2°) | —— |
| | | HI UP 15 inch | 39°38′±2° (39.63°±2°) | —— |
| | | HI UP 16 inch | 37°07′±2° (37.12°±2°) | —— |
|  | E+F | | 0°±12′ (0°±0.2°) | 0°22′±11′ (0.4°±0.2°) |
| | G–H mm (in.) | | 0±2 (0±0.08) | 4±2 (0.16±0.08) |

| | | | | |
|---|---|---|---|---|
| | | 160 km/h=100 mph 210 km/h=130 mph | ×5 | ×4 |
|  kPa (kgf/cm² or bar, psi) | 205/65R15 94V | ⬆ 210 km/h | 280 (2.8, 41) | 260 (2.6, 38) |
| | | ⬇ 210 km/h | 260 (2.6, 38) | 230 (2.3, 33) |
| | 215/60R16 95V | ⬆ 210 km/h | 290 (2.9, 42) | 2AZ-FE 260 (2.6, 38) 1MZ-FE 280 (2.8, 41) |
| | | ⬇ 210 km/h ⬆ 160 km/h | 260 (2.6, 38) | 2AZ-FE 230 (2.3, 33) 1MZ-FE 250 (2.5, 36) |
| | | ⬇ 160 km/h | 2AZ-FE 210 (2.1, 30) 1MZ-FE 230 (2.3, 33) | 2AZ-FE 210 (2.1, 30) 1MZ-FE 230 (2.3, 33) |

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