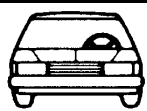
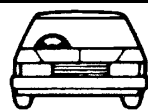
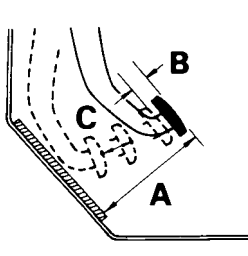
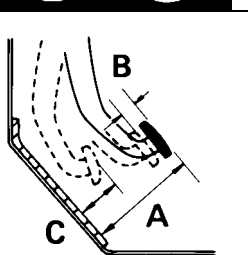





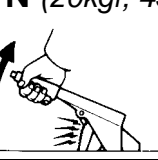
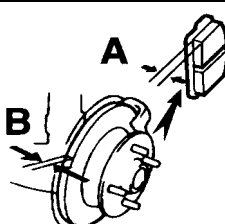

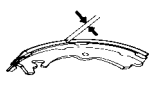
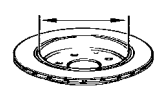
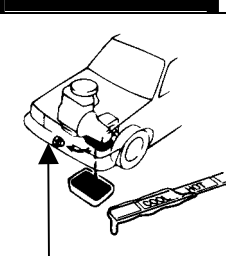
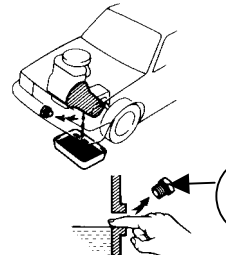

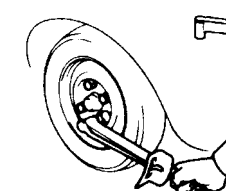
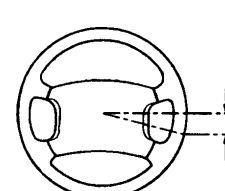
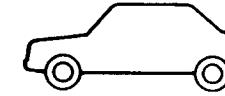
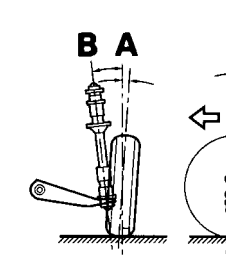
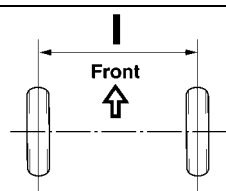



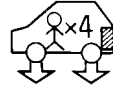
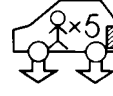
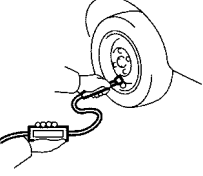
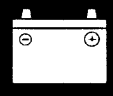
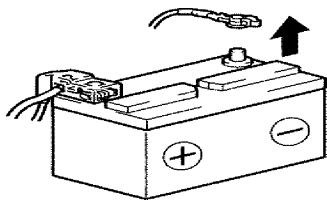
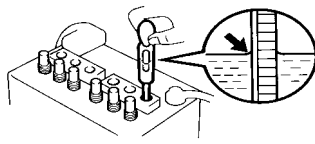
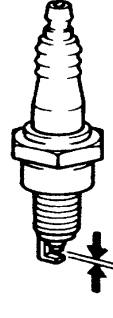
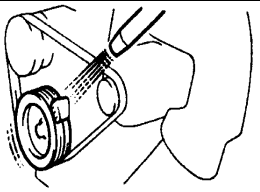
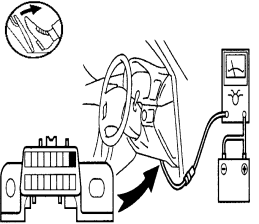
| | |  |  | |
|---|---|---|---|---------------------------------|
|  mm (in.) | A | 148.0 to 158.0 (5.826 to 6.221) | 164.7 to 174.7 (6.484 to 6.878) | |
| | B | 5.0 to 15.0 (0.197 to 0.591) | | |
| | C | ↑ 25 (0.98) | | |
| SAE J1703 or FMVSS No. 116 DOT3 | | | | |
|  mm (in.) | A |  | 129.9 to 139.9 (5.114 to 5.508) | 135.5 to 145.5 (5.335 to 5.728) |
| | |  | 131.9 to 141.9 (5.193 to 5.587) | 137.5 to 147.5 (5.413 to 5.807) |
| | B | 1.0 to 6.0 (0.039 to 0.236) | | |
| | C |  | ↑ 61 (2.402) | ↑ 65 (2.559) |
|  | | ↑ 63 (2.480) | ↑ 67 (2.638) | |
| SAE J1703 or FMVSS No. 116 DOT3 | | | | |
| 300 N (31kgf, 67.5 lbf)  | | 7 to 10 | | |
| 200 N (20kgf, 45 lbf)  | | 7 to 9 | | |
|  mm (in.) |  | | | |
| | A | ↑ 1.0 (0.039) | | |
| B | ↑ 25.0 (0.983) | ↑ 8.5 (0.334) | | |
|  mm (in.) | ↑ 1.0 (0.039) | | | |
|  mm (in.) | ↓ 171.0 (6.73) | | | |

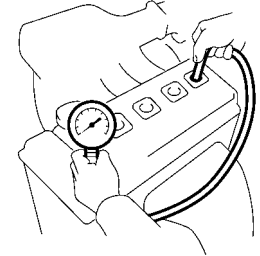



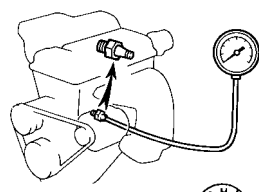



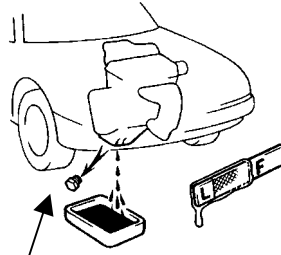
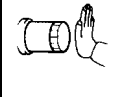
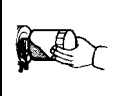
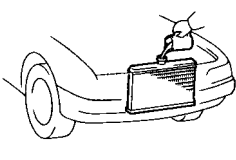
| | | ACV | GSV |
|--|---|---------------------------------|---------------------------------|
|  liter (US qts, Imp.qts) | A | Drain and refill 3.5 (3.7, 3.1) | Drain and refill 6.6 (6.9, 5.8) |
| | | "ATF WS" or equivalent | |
| N-m (kgf-cm, ft-lbf) | A | 49 (500, 36) | 40 (408, 30) |
|  liter (US qts, Imp.qts) |  | Drain and refill 2.5 (2.6, 2.2) | |
| | | API GL-4 or GL-5 SAE 75W-90 | |
| N-m (kgf-cm, ft-lbf) | A | 49 (500, 36) | |
| ACV, GSV | | | |
|  N-m (kgf-cm, ft-lbf) | 103 (1050, 76) | | |
| ACV, GSV | | | |
|  mm (in.) | ↓ 30 (1.18) | | |
|  | | | |
|  mm (in.) | A | -0°30' ± 45° (-0.50° ± 0.75°) | -1°00' ± 45° (-1.00° ± 0.75°) |
| | B | 12°00' ± 45° (12.00° ± 0.75°) | - |
| | C | 2°40' ± 45° (2.67° ± 0.75°) | - |
| | D | 38°42' ± 2° (38.70° ± 2°) | - |
|  H-I mm (in.) | 0 ± 2 (0 ± 0.08) | | 4 ± 2 (0.16 ± 0.08) |

CAMRY

ACV40
GSV40



|  | | |  |  |
|---|-------------|---|---|---|
| | km/h (mph) | | | |
|  | ↑ 210 (131) | | 250 (2.5, 36) | 270 (2.8, 39) |
| | ↑ 160 (100) | | 230 (2.3, 33) | 250 (2.5, 36) |
| | ↓ 160 (100) | | 210 (2.1, 31) | 220 (2.2, 32) |
| kPa (kgf/cm ² or bar, psi) | | | | |
|  | | ACV, GSV | | |
|  | | *1 | | |
|  | | 20°C (68°F) | | |
| | | 1.25 to 1.29 | | |
|  | | 2AZ-FE | | 2GR-FE |
| cm ³ or cu.in. | | 2362 (14401) | | 3456 (210.9) |
| DENSO | | SK20R11 | | FK20HR11 |
| | | NGK | | 1FR6A11 |
| A mm (in.) | | 1.0 to 1.1 (0.039 to 0.043) | | |
|  | | 8 to 12° (DLC3 Terminals 13 (TC) - 4 (CG) Connected) | | |
| BTDC | | | | |
|  | | 610 to 710 | | 600 to 700 |
| | | 650 to 750 | | |
| rpm | | | | |

| | | | |
|---|---|--|--|
|  |  | 1360 (13.9, 198) | 1400 (14.0, 199) |
| |  | ↑ 980 (10.0, 142) | ↑ 980 (10.0, 142) |
| |  | ↓ 100 (1.0, 15) | ↓ 100 (1.0, 15) |
| kPa (kgf/cm ² , psi) | | | |
|  |  | ↑ 29 (0.3, 4.3) | ↑ 80 (0.8, 11.6) |
| |  | 3,000 rpm: ↑ 170 to 300 (1.7 to 3.1, 24 to 44) | 6,000 rpm: ↑ 380 (3.9, 55.5) |
| kPa (kgf/cm², psi) | | | |
|  | | ACV, GSV | |
|  |  | 4.1 (4.3, 3.6) | 5.7 (6.0, 5.0) |
| |  | 4.3 (4.5, 3.8) | 6.1 (6.4, 5.4) |
| A | | 20W-50 and 15W-40: API grade SL or SM multigrade engine oil 10W-30 and 5W-30: API grade SL Energy-Conserving, SM Energy-Conserving or ILSAC ^{*2} multigrade engine oil | |
| liter (US qts, Imp. qts) | | | |
| A | | 25 (255, 18) | 40 (408, 30) |
| N·m (kgf-cm, ft-lbf) | | | |
|  | | 6.2 (6.6, 5.5) | 9.0 (9.5, 7.9) |
| liter (US qts, Imp. qts) | | | |

*1 Initialization required. Refer to the repair manual for the initialization procedures.

*2 ILSAC : International Lubricant Standardization and Approval Committee