# FUEL

031DA–03

## SERVICE DATA

### 2TR–FE:

| | | |
|---|---|---|
| Fuel pressure | | 281 to 287 kPa (2.87 to 2.93 kgf/cm$^2$, 40.8 to 41.7 psi) |
| Fuel pressure | | 147 kPa (1.5 kgf/cm$^2$, 21 psi) or more |
| Fuel injector | | |
| Resistance | at 20°C (68°F) | 11.6 to 12.4 Ω |
| Injection volume | | 71 to 86 cm$^2$ (4.3 to 5.3 cu in.) per 15 seconds |
| Difference between each cylinder | | 15 cm$^3$ (1.0 cu in.) or less |
| Fuel leakage | | 1 drop or less per 12 minutes |
| Fuel pump | | |
| Resistance | at 20°C (68°F) | 0.2 to 3.0 Ω |

### 1KD–FTV:

| | | |
|---|---|---|
| Injection or supply pump | | |
| Resistance | SCV | 1.9 to 2.3 Ω at 20 °C (68 °F) |
| Injector | | |
| Resistance | at 20 °C (68 °F) | 0.85 to 1.05 Ω |
| Common rail | | |
| Resistance | 2 – 3 | Below 16.4 kΩ at 20°C (68°F) |
| | 5 – 4 | Below 16.4 kΩ at 20°C (68°F) |
| | 1 – 2 | Below 3 kΩ at 20°C (68°F) |
| | 6 – 5 | Below 3 kΩ at 20°C (68°F) |
| Fuel heater | | |
| Resistance | at 20 °C (68 °F) | 0.5 to 2.0 Ω |
| Level warning switch | | |
| Specified condition | Float upper limit | Continuity |
| | Float lower limit | No continuity |
| Fuel temperature sensor | | |
| Resistance | at 20 °C (68 °F) | 2.21 to 2.69 kΩ |
| | at 80 °C (176 °F) | 0.287 to 0.349 kΩ |
| Supply pump drive shaft pulley | | |
| Thrust chearance | | 0.15 to 0.55 mm (0.0059 to 0.0217 in.) |