

## SFI

## SERVICE DATA

SS0FK-15

|                                   |                                                                                                         |                                                                                                                                                  |
|-----------------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Fuel pump                         | Resistance at 20°C (68°F)                                                                               | 0.2 - 3.0 Ω                                                                                                                                      |
| Fuel pressure regulator           | Fuel pressure                                                                                           | 304 - 343 kPa (3.1 - 3.5 kgf/cm <sup>2</sup> , 44 - 50 psi)                                                                                      |
| Injector                          | Resistance at 20°C (68°F)<br>Injection volume<br>Difference between each cylinder<br>Fuel leakage       | 13.4 - 14.2 Ω<br>60 - 73 cm <sup>3</sup> (3.7 - 4.5 cu in.) per 15 sec.<br>13 cm <sup>3</sup> (0.8 cu in.) or less<br>1 drop or less per 12 min. |
| MAF meter                         | Resistance (THA - E2) at -20°C (-4°F)<br>at 20°C (68°F)<br>at 60°C (140°F)                              | 13.6 - 18.4kΩ<br>2.21 - 2.69 kΩ<br>0.493 - 0.667 kΩ                                                                                              |
| Throttle body                     | Throttle body fully closed angle                                                                        | 3.5°                                                                                                                                             |
| Throttle control motor            | Motor (M+ - M-) at 20°C (68°F)<br>Clutch (CL+ - CL-) at 20°C (68°F)                                     | 0.3 - 100 Ω<br>4.2 - 5.2 Ω                                                                                                                       |
| Throttle position sensor          | Resistance (VC - E2) at 20°C (68°F)<br>Throttle valve opening percentage STD                            | 1.2 - 3.2 kΩ<br>14.8 ± 0.8 %                                                                                                                     |
| Accelerator pedal position sensor | Resistance (VC - E2) at 20°C (68°F)<br>Accelerator pedal position voltage STD                           | 1.2 - 3.2 kΩ<br>0.3 - 0.9 V                                                                                                                      |
| Camshaft timing oil control valve | Resistance at 20°C (68°F)                                                                               | 5.5 - 12 Ω                                                                                                                                       |
| Fuel pump resister                | Resistance at 20°C (68°F)                                                                               | 0.30 - 0.35 Ω                                                                                                                                    |
| VSV for EVAP                      | Resistance at 20°C (68°F)                                                                               | 27 - 33 Ω                                                                                                                                        |
| VSV for ACIS                      | Resistance at 20°C (68°F)                                                                               | 38.5 - 44.5 Ω                                                                                                                                    |
| VSV for CCV                       | Resistance at 20°C (68°F)                                                                               | 24 - 30 Ω                                                                                                                                        |
| VSV for pressure switching valve  | Resistance at 20°C (68°F)<br>at 120°C (248°F)                                                           | 37 - 44 Ω<br>51 - 62 Ω                                                                                                                           |
| ECT sensor                        | Resistance at -20°C (-4°F)<br>0°C (32°F)<br>20°C (68°F)<br>40°C (104°F)<br>60°C (140°F)<br>80°C (176°F) | 10 - 20 kΩ<br>4 - 7 kΩ<br>2 - 3 kΩ<br>0.9 - 1.3 kΩ<br>0.4 - 0.7 kΩ<br>0.2 - 0.4 kΩ                                                               |
| Vapor pressure sensor             | Power source voltage                                                                                    | 4.5 - 5.5 V                                                                                                                                      |
| Heated oxygen sensor              | Heater coil resistance at 20°C (68°F)<br>at 800°C (1,472°F)                                             | 11 - 16 Ω<br>23 - 32 Ω                                                                                                                           |
| Fuel cut rpm                      | Fuel return rpm                                                                                         | 1,000 rpm                                                                                                                                        |
| EFI main relay                    | Resistance 3 - 5<br>3 - 5 (Apply battery voltage to terminal 1 and 2)                                   | 10 kΩ or higher<br>Below 1 Ω                                                                                                                     |
| Circuit opening relay             | Resistance 3 - 5<br>3 - 5 (Apply battery voltage to terminal 1 and 2)                                   | 10 kΩ or higher<br>Below 1 Ω                                                                                                                     |