

# SFI (5VZ-FE)

## SERVICE DATA

SS00U-06

|                               |  |   |  |
|-------------------------------|--|---|--|
| Fuel pressure regulator       | Fuel pressure                          | at no vacuum  | 265 – 304 kPa (2.7 – 3.1 kgf/cm <sup>2</sup> , 38 – 44 psi)                        |
| Fuel pump                     | Resistance                             | at 20°C (68°F)  | 0.2 – 3.0 Ω  |
| Injector                      | Resistance                             |   | Approx. 13.8 Ω   |
|                               | Injection volume                       |   | 56 – 69 cm <sup>3</sup> (3.4 – 4.2 cu in.) per 15 sec.                             |
|                               | Difference between each cylinder       |   | 1.3 cm <sup>3</sup> (0.08 cu in.) or less  |
|                               | Fuel leakage                           |   | 1 drop or less per 12 minutes  |
| MAF meter                     | Resistance (THA – E2)                  | at –20°C (–4°F)<br>at 20°C (68°F)<br>at 60°C (140°F)  | 13.6 – 18.4 kΩ<br>2.2 – 2.7 kΩ<br>0.5 – 0.7 kΩ                                     |
| Throttle body                 | Throttle valve fully closed angle      |   | 10°  |
|                               | DP setting speed (M/T)                 |   | 1,800 – 2,200 rpm  |
|                               | Throttle opener setting speed          |   | 900 – 1,950 rpm  |
| Throttle position sensor      | Clearance between stop screw and lever |   |  |
|                               | 0 mm (0 in.)                           | VTA – E2  | 0.28 – 6.4 kΩ  |
|                               | Throttle valve fully open              | VTA – E2  | 2.0 – 11.6 kΩ  |
|                               |  | VC – E2   | 2.7 – 7.7 kΩ   |
| IAC valve                     | Resistance (+B – RSO or RSC)           | at cold<br>at hot   | 17.0 – 24.5 Ω<br>21.5 – 28.5 Ω   |
| VSV for EVAP                  | Resistance                             | at 20°C (68°F)  | 30 – 34 Ω  |
| VSV for vapor pressure sensor | Resistance                             | at 20°C (68°F)  | 37 – 44 Ω  |
| ECT sensor                    | Resistance                             | at –20°C (–4°F)<br>at 0°C (32°F)<br>at 20°C (68°F)<br>at 40°C (104°F)<br>at 60°C (140°F)<br>at 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 |
| Heated oxygen sensor          | Heater resistance                      | at 20°C (68°F)  | 11 – 16 Ω  |
| Vapor pressure sensor         | Voltage(VC – E2)                       |   | 4.5 – 5.5 V  |
| Fuel cut rpm                  | Fuel return rpm                        | M/T<br>A/T  | 1,000 rpm<br>1,200 rpm   |