

# ELECTRONIC FUEL INJECTION

SS0MM-03

## SERVICE DATA

|                                   |                                                                                                                        |                                                                                                                                                          |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fuel pressure regulator           | Fuel pressure                                                                                                          | 301 – 347 kPa (3.1 – 3.5 kgf/cm <sup>2</sup> , 44 – 50 psi)                                                                                              |
| Fuel pump                         | Resistance at 20°C (68°F)                                                                                              | 0.2 – 3.0 Ω                                                                                                                                              |
| Injector                          | Resistance at 20°C (68°F)<br>Injection volume<br>Difference between each cylinder<br>Fuel leakage                      | 13.4 – 14.2 Ω<br>47 – 58 cm <sup>3</sup> (2.7 – 3.3 cu in.) per 15 seconds<br>10 cm <sup>3</sup> (0.6 cu in.) or less<br>One drop or less per 12 minutes |
| Air flow meter                    | Resistance at –20°C (–4°F)<br>at 20°C (68°F)<br>at 60°C (140°F)                                                        | 13.6 – 18.4 kΩ<br>2.21 – 2.69 kΩ<br>0.49 – 0.67 kΩ                                                                                                       |
| Throttle position sensor          | Clearance between stop screw and lever<br>0 mm (0 in.) VTA – E2<br>Throttle valve fully open VTA – E2<br>– VC – E2     | 0.2 – 5.7 kΩ<br>2.0 – 10.2 kΩ<br>2.5 – 5.9 kΩ                                                                                                            |
| Camshaft timing oil control valve | Resistance at 20°C (68°F)                                                                                              | 6.9 – 7.9 Ω                                                                                                                                              |
| VSV (EVAP)                        | Resistance at 20°C (68°F)                                                                                              | 27 – 33 Ω                                                                                                                                                |
| VSV (Intake air control valve)    | Resistance at 20°C (68°F)                                                                                              | 37 – 44 Ω                                                                                                                                                |
| Water temp. 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 coil resistance                                                                                                 | 11 – 16 Ω                                                                                                                                                |
| Fuel cut rpm                      | Fuel return rpm                                                                                                        | 1,500 rpm                                                                                                                                                |