ENGINE CONTROL SYSTEM

SERVICE DATA

031VK–01

Camshaft timing oil control valve assy Resistance	1 (+) – 2 (–)	6.9 to 7.9 Ω at 20°C (68°F)
Mass air flow meter Resistance	4 (THA) – 5 (E2)	13.6 to 18.4 kΩ at –20°C (–4°F) 2.21 to 2.68 kΩ at 20°C (68°F) 0.493 to 0.667 kΩ at 60°C (140°F)
Engine coolant temperature sensor Resistance	1 (E2) – 2 (THW)	2.32 to 2.59 kΩ at 20°C (68°F) 0.310 to 0.326 kΩ at 80°C (176°F)
Throttle w/ motor body assy Throttle valve opening percentage Idle speed Resistance (Throttle control motor) Resistance (Throttle position sensor)	 1 (M+) – 2 (M+) 1 (VC) – 4 (E2)	 60 % or more 950 to 1,050rpm 0.3 to 100 Ω at 20°C (68°F) 1.25 to 2.35 Ω at 20°C (68°F)
Knock sensor Resistance	1 (Ground) – 2 (Output)	120 to 280 kΩ at 20°C (68°F)
EFI Relay Resistance	B5 – B8	10 kΩ or higher Below 1 Ω (Apply battery voltage to terminal B6 and B7)
Circuit opening relay Resistance	B5 – B8	10 kΩ or higher Below 1 Ω (Apply battery voltage to terminal B6 and B7)