ENGINE CONTROL SYSTEM

03259–01

SERVICE DATA

Venturi assy		
Standard throttle valve opening percentage		60% or more
MAF meter assy		
Resistance	4 (THA) – 5 (E2)	
	at –20°C (–4°F)	12.5 to 16.9 kΩ
	at 20°C (68°F)	2.19 to 2.67 kΩ
	at 60°C (140°F)	0.5 to 0.68 kΩ
Venturi assy		
Resistance	2 (VCR) – 3 (E2R)	
	at 20°C (68°F)	2.0 to 10 kΩ
Throttle position sensor		
Resistance	3 (VTA) – 2 (E2)	
	Fully open	0.2 to 5.7 kΩ
	Fully closed	2.0 to 10.2 kΩ
ECT sensor		
Resistance	1 – 2	
	Approx. 20°C (68°F)	2.32 to 2.59 kΩ
	Approx. 80°C (176°F)	0.31 to 0.326 kΩ
	3 – body ground	
	Approx. 75°C (67°F)	79 to 93 kΩ
	Approx. 100°C (212°F)	35.5 to 41.5 kΩ
IAT sensor		
Resistance	Approx. 20°C (68°F)	2.21 to 2.65 kΩ
	Approx. 80°C (176°F)	0.55 to 0.61 kΩ
Idle variable resistor switch		
Resistance	2 – 3	
	ON	250 Ω
	MAX	1.2 kΩ
	ON → MAX	Resistance changes costantly
Crankshaft position sensor		
Resistance	at cold	1,630 to 2,740 Ω
	at hot	2,065 to 3,225 Ω
MAIN relay		
Specified condition	3 – 5	10 kΩ or higher
	3 – 5	Below 1 Ω (when battery voltage is applied to terminals 1 and 2)
EDU relay		
Specified condition	3 – 5	10 kΩ or higher
	3 – 5	Below 1 Ω (when battery voltage is applied to terminals 1 and 2)