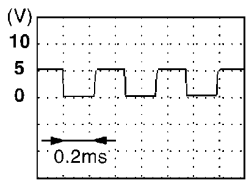
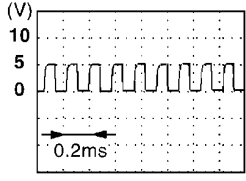
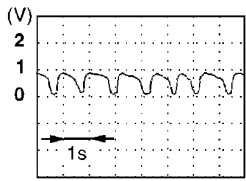


# TROUBLE DIAGNOSIS — GENERAL DESCRIPTION

**KA24DE**

*ECM Terminals and Reference Value (Cont'd)*

TER-MINAL NO.	WIRE COLOR	ITEM	CONDITION	DATA (DC Voltage)	GI
49	LG	Camshaft position sensor (Position signal)	<b>[Engine is running]</b> <input type="checkbox"/> Warm-up condition <input type="checkbox"/> Idle speed	Approximately 2.6V  	MA
			<b>[Engine is running]</b> <input type="checkbox"/> Engine speed is 2,000 rpm	Approximately 2.5 - 2.6V  	EC
50	B	Front heated oxygen sensor	<b>[Engine is running]</b> <input type="checkbox"/> After warming up to normal operating temperature and engine speed is 2,000 rpm.	0 - Approximately 1.0V  	MT
54	R	Mass air flow sensor	<b>[Engine is running]</b> <input type="checkbox"/> Warm-up condition <input type="checkbox"/> Idle speed	0.9 - 1.8V	PD
			<b>[Engine is running]</b> <input type="checkbox"/> Warm-up condition <input type="checkbox"/> Engine speed is 2,500 rpm	1.8 - 2.3V	AX
55	G	Mass air flow sensor ground	<b>[Engine is running]</b> <input type="checkbox"/> Warm-up condition <input type="checkbox"/> Idle speed	Approximately 0V	SU
56	OR	Rear heated oxygen sensor	<b>[Engine is running]</b> <input type="checkbox"/> After warming up to normal operating temperature and revving engine from idle to 3,000 rpm quickly	0 - Approximately 1.0V	BR
59	LG/R	Engine coolant temperature sensor	<b>[Engine is running]</b>	Approximately 0 - 4.8V Output voltage varies with engine coolant temperature	RS
60	Y/B	Fuel tank temperature sensor	<b>[Engine is running]</b>	Approximately 0 - 4.8V Output voltage varies with fuel temperature	BT
61	PU/R	Intake air temperature sensor	<b>[Engine is running]</b>	Approximately 0 - 4.8V Output voltage varies with intake air temperature	HA
62	Y	EVAP control system pressure sensor	<b>[Ignition switch ON]</b>	Approximately 3.4V	SC

EL

IDX