

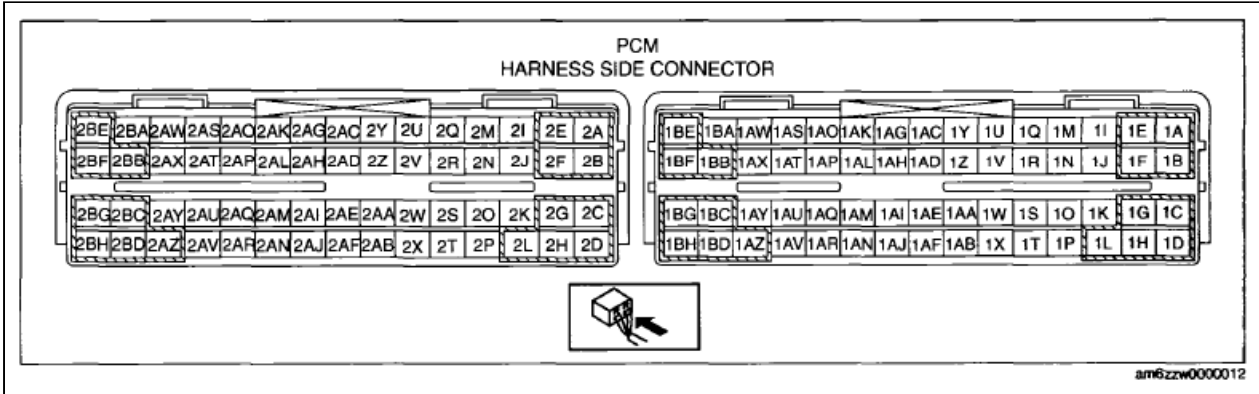
# PRODEMAND

YMMS: 2011 Mazda3 Mazdaspeed  
 Engine: 2.3L Eng  
 VIN:

May 31, 2022  
 License:  
 Odometer:

## PCM Connector End View

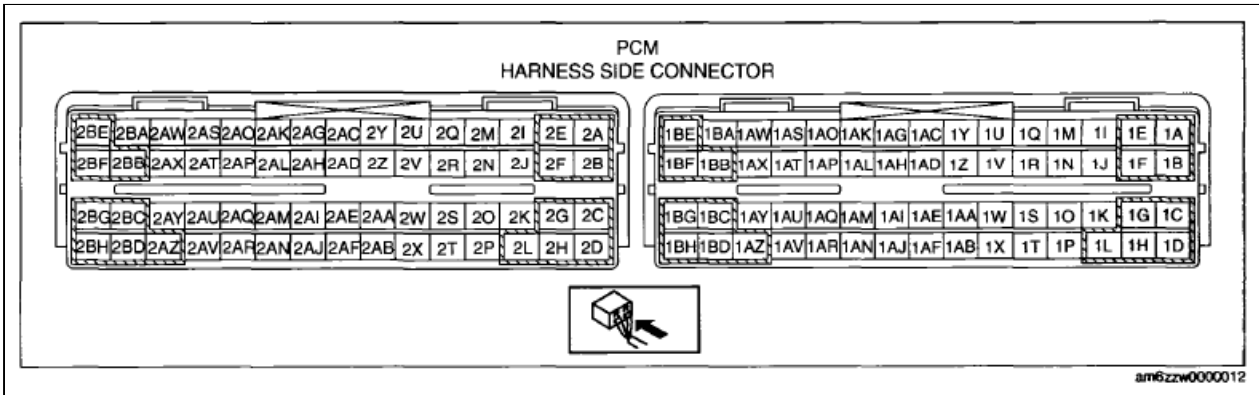
Fig 1: PCM Connector End View



Courtesy of MAZDA MOTORS CORP.

## PCM Connector Terminal Identification

Fig 2: PCM Connector Terminal Identification



Courtesy of MAZDA MOTORS CORP.

## PCM TERMINAL VOLTAGE TABLE (REFERENCE)

Terminal	Signal	Connected to	Test condition	Voltage (V)	Inspection item
1A	-	-	-	-	-
1B	Starter relay control	Starter relay	Switch the ignition to off	Below 1.0	<ul style="list-style-type: none"> <li>Starter relay</li> <li>Related wiring harness</li> </ul>
			Switch the ignition to ON	Below 1.0	

1C	-	-	-	-	-	
1D	Clutch operation	CPP switch	Clutch pedal depressed		Approx. 1.5	<ul style="list-style-type: none"> <li>• CPP switch</li> <li>• Related wiring harness</li> </ul>
			Clutch pedal released		B+	
1E	-	-	-	-	-	
1F	-	-	-	-	-	
1G	-	-	-	-	-	
1H	Fuel pump control	Fuel pump relay	Switch the ignition to ON		B+	<ul style="list-style-type: none"> <li>• Fuel pump relay</li> <li>• Related wiring harness</li> </ul>
			Cranking		B+	
			Idle		Below 1.0	
1I	A/C	A/C relay	Idle	A/C operating	Below 1.0	<ul style="list-style-type: none"> <li>• A/C relay</li> <li>• Related wiring harness</li> </ul>
				A/C not operating	B+	
1J	-	-	-	-	-	
1K	-	-	-	-	-	
1L	-	-	-	-	-	
1M	IAT	MAF/IAT sensor	Switch the ignition to ON	IAT 20°C {68°F}	2.4E.6	<ul style="list-style-type: none"> <li>• MAF/IAT sensor</li> <li>• Related wiring harness</li> </ul>
				IAT 30°C {86°F}	1.7E.9	
1N	Constant voltage (Vref)	Fuel tank pressure sensor	Switch the ignition to ON		Approx. 5.0	<ul style="list-style-type: none"> <li>• Related wiring harness</li> </ul>
1O	-	-	-	-	-	
1P	MAF sensor ground	MAF/IAT sensor	Under any condition		Below 1.0	<ul style="list-style-type: none"> <li>• Related wiring harness</li> </ul>
1Q	APP sensor voltage	APP sensor	Switch the ignition to ON		Approx. 5.0	<ul style="list-style-type: none"> <li>• APP sensor</li> <li>• Related wiring harness</li> </ul>

1R	-	-	-	-	-	
1S	Neutral position	Neutral switch	Shift lever is at neutral position	Approx. 1.5	<ul style="list-style-type: none"> <li>• Neutral switch</li> <li>• Related wiring harness</li> </ul>	
			Shift lever is not at neutral position	B+		
1T	-	-	-	-	-	
1U	APP sensor ground	APP sensor	Under any condition	Below 1.0	<ul style="list-style-type: none"> <li>• APP sensor</li> <li>• Related wiring harness</li> </ul>	
1V	-	-	-	-	-	
1W	Cruise control switch ground	Cruise control switch	Under any condition	Below 1.0	<ul style="list-style-type: none"> <li>• Related wiring harness</li> </ul>	
1X	-	-	-	-	-	
1Y	APP sensor (No. 1)	APP sensor No. 1	Switch the ignition to ON	When the accelerator pedal is released	Approx. 0.4	<ul style="list-style-type: none"> <li>• APP sensor</li> <li>• Related wiring harness</li> </ul>
				When the accelerator pedal is depressed	Approx. 3.4	
1Z	-	-	-	-	-	
1AA	Fuel pump speed control	Fuel pump speed control relay	Switch the ignition to ON	B+	<ul style="list-style-type: none"> <li>• Fuel pump speed control relay</li> <li>• Related wiring harness</li> </ul>	
			Cranking	Below 1.0		
			Idle	Below 1.0		
1AB	Brake	Brake switch	Brake pedal depressed	B+	<ul style="list-style-type: none"> <li>• Brake switch</li> <li>• Related wiring harness</li> </ul>	
			Brake pedal released	Below 1.0		
1AC	APP sensor (No. 2)	APP sensor No. 2	<ul style="list-style-type: none"> <li>• Inspect using the wave profile. (See INSPECTION USING AN OSCILLOSCOPE (REFERENCE)).</li> </ul>		<ul style="list-style-type: none"> <li>• APP sensor</li> <li>• Related wiring harness</li> </ul>	

1AD	-	-	-	-	-	
1AE	Fan control module	Fan control module	<ul style="list-style-type: none"> <li>Inspect using the wave profile. (See INSPECTION USING AN OSCILLOSCOPE (REFERENCE)).</li> </ul>		<ul style="list-style-type: none"> <li>Fan control module</li> <li>Related wiring harness</li> </ul>	
1AF	-	-	-	-	-	
1AG	Fuel tank pressure	Fuel tank pressure sensor	Fuel tank pressure is 10 kPa {0.10 kgf/cm2, 1.5 psi} lower than barometric pressure	Approx. 1.2	<ul style="list-style-type: none"> <li>Fuel tank pressure sensor</li> <li>Related wiring harness</li> </ul>	
			Fuel tank pressure is equal to barometric pressure	Approx. 2.6		
			Fuel tank pressure is 6 kPa {0.06 kgf/cm2, 0.9 psi} higher than barometric pressure	Approx. 3.7		
1AH	-	-	-	-	-	
1AI	CAN (L)	CAN system related modules	Because this terminal is for CAN, no valid determination of terminal voltage is possible		<ul style="list-style-type: none"> <li>Related wiring harness</li> </ul>	
1AJ	Constant voltage	APP sensor	Switch the ignition to ON	Approx. 5.0	<ul style="list-style-type: none"> <li>Related wiring harness</li> </ul>	
1AK	MAF	MAF/IAT sensor	Switch the ignition to ON	Approx. 0.7	<ul style="list-style-type: none"> <li>MAF/IAT sensor</li> <li>Related wiring harness</li> </ul>	
			Idle	Approx. 1.3		
1AL	-	-	-	-	-	
1AM	CAN (H)	CAN system related modules	Because this terminal is for CAN, no valid determination of terminal voltage is possible		<ul style="list-style-type: none"> <li>Related wiring harness</li> </ul>	
1AN	-	-	-	-	-	
1AO	-	-	-	-	-	
1AP	-	-	-	-	-	
1AQ	Cruise control switch	Cruise control switch	Switch the ignition to ON	OFF switch pressed in	Approx. 0	<ul style="list-style-type: none"> <li>Cruise control switch</li> </ul>
				CANCEL switch pressed in	Approx. 1.4	

				SET/- switch pressed in	Approx. 2.4	<ul style="list-style-type: none"> <li>• Related wiring harness</li> </ul>
				RES/+ switch pressed in	Approx. 3.9	
				ON switch pressed in	Approx. 4.3	
				Except above	Approx. 4.7	
1AR	IAT sensor ground	MAF/IAT sensor, fuel tank pressure sensor, ECT sensor No. 2	Under any condition		Below 1.0	<ul style="list-style-type: none"> <li>• Related wiring harness</li> </ul>
1AS	CV solenoid control	CV solenoid valve	Switch the ignition to ON		B+	<ul style="list-style-type: none"> <li>• CV solenoid valve</li> <li>• Related wiring harness</li> </ul>
			Idle (CV solenoid valve not operating)		B+	
			Idle (CV solenoid valve operating)		Below 1.0	
1AT	Main relay control	Main relay	Switch the ignition to off		B+	<ul style="list-style-type: none"> <li>• Main relay</li> <li>• Related wiring harness</li> </ul>
			Switch the ignition to ON		Below 1.0	
1AU	-	-	-		-	-
1AV	APP sensor ground	APP sensor	Under any condition		Below 1.0	<ul style="list-style-type: none"> <li>• Related wiring harness</li> </ul>
1AW	Generator field coil control	Generator (terminal D)	<ul style="list-style-type: none"> <li>• Inspect using the wave profile. (See INSPECTION USING AN OSCILLOSCOPE (REFERENCE)).</li> </ul>			<ul style="list-style-type: none"> <li>• Generator</li> <li>• Related wiring harness</li> </ul>
1AX	Generator output voltage	Generator (terminal P)	<ul style="list-style-type: none"> <li>• Inspect using the wave profile. (See INSPECTION USING AN OSCILLOSCOPE (REFERENCE)).</li> </ul>			<ul style="list-style-type: none"> <li>• Generator</li> <li>• Related wiring harness</li> </ul>
1AY	Ignition switch	Ignition switch <sup>(1)</sup> , Ignition relay No. 1 <sup>(2)</sup>	Switch the ignition to off		Below 1.0	<ul style="list-style-type: none"> <li>• Ignition switch<sup>(1)</sup>, Ignition relay No. 1<sup>(2)</sup></li> <li>• Related wiring</li> </ul>
			Switch the ignition to ON		B+	

					harness
1AZ	Ground	Ground	Under any condition	Below 1.0	<ul style="list-style-type: none"> <li>• Related wiring harness</li> </ul>
1BA	Back-up power supply	Battery (positive terminal)	Under any condition	B+	<ul style="list-style-type: none"> <li>• Battery</li> <li>• Related wiring harness</li> </ul>
1BB	Ground	Ground	Under any condition	Below 1.0	<ul style="list-style-type: none"> <li>• Related wiring harness</li> </ul>
1BC	-	-	-	-	-
1BD	Ground	Ground	Under any condition	Below 1.0	<ul style="list-style-type: none"> <li>• Related wiring harness</li> </ul>
1BE	Power supply	Main relay	Switch the ignition to off	Below 1.0	<ul style="list-style-type: none"> <li>• Related wiring harness</li> </ul>
			Switch the ignition to ON	B+	
1BF	Power supply	Main relay	Switch the ignition to off	Below 1.0	<ul style="list-style-type: none"> <li>• Related wiring harness</li> </ul>
			Switch the ignition to ON	B+	
1BG	Ground	Ground	Under any condition	Below 1.0	<ul style="list-style-type: none"> <li>• Related wiring harness</li> </ul>
1BH	Ground	Ground	Under any condition	Below 1.0	<ul style="list-style-type: none"> <li>• Related wiring harness</li> </ul>
2A	Throttle valve actuator control (+)	Throttle body (throttle valve actuator)	Switch the ignition to ON	B+	<ul style="list-style-type: none"> <li>• Throttle valve actuator</li> <li>• Related wiring harness</li> </ul>
2B	Throttle valve	Throttle body (throttle valve	Switch the ignition to ON	B+	<ul style="list-style-type: none"> <li>• Throttle</li> </ul>

	actuator control (-)	actuator)			valve actuator	<ul style="list-style-type: none"> <li>• Related wiring harness</li> </ul>
2C	A/F sensor heater control	A/F sensor heater	<ul style="list-style-type: none"> <li>• Inspect using the wave profile. (See INSPECTION USING AN OSCILLOSCOPE (REFERENCE)).</li> </ul>		<ul style="list-style-type: none"> <li>• A/F sensor</li> <li>• Related wiring harness</li> </ul>	
2D	HO2S heater control	HO2S heater	Idle (after warm up)	B+	<ul style="list-style-type: none"> <li>• HO2S heater</li> <li>• Related wiring harness</li> </ul>	
2E	Power supply	Main relay	Switch the ignition to off	Below 1.0	<ul style="list-style-type: none"> <li>• Main relay</li> <li>• Related wiring harness</li> </ul>	
			Switch the ignition to ON	B+		
2F	High pressure fuel pump control (+)	High pressure fuel pump (Spill valve control solenoid valve)	Switch the ignition to ON	Approx. 9.2	<ul style="list-style-type: none"> <li>• Spill valve control solenoid valve</li> <li>• Related wiring harness</li> </ul>	
			Idle	Approx. 9.5		
2G	High pressure fuel pump control (-)	High pressure fuel pump (Spill valve control solenoid valve)	Switch the ignition to ON	Approx. 9.5	<ul style="list-style-type: none"> <li>• Spill valve control solenoid valve</li> <li>• Related wiring harness</li> </ul>	
			Idle	Approx. 9.0		
2H	Ground	Body ground	Under any condition	Below 1.0	<ul style="list-style-type: none"> <li>• Related wiring harness</li> </ul>	
2I	Sensor ground	HO2S	Switch the ignition to off	Below 1.0	<ul style="list-style-type: none"> <li>• HO2S</li> <li>• Related wiring harness</li> </ul>	
			Switch the ignition to ON	Approx. 1.5		
2J	-	-	-	-	-	

2K	Constant voltage (Vref)	Fuel pressure sensor	Switch the ignition to ON	Approx. 5.0	<ul style="list-style-type: none"> <li>• Related wiring harness</li> </ul>	
2L	-	-	-	-	-	
2M	Sensor ground	A/F sensor	Under any condition	Below 1.0	<ul style="list-style-type: none"> <li>• Related wiring harness</li> </ul>	
2N	Boost air temperature	MAP/boost air temperature sensor	Switch the ignition to ON	IAT 20°C {68°F}	2.4E.6	<ul style="list-style-type: none"> <li>• Boost air temperature sensor</li> <li>• Related wiring harness</li> </ul>
				IAT 30°C {86°F}	1.7E.9	
2O	OCV control	OCV	Switch the ignition to ON	B+	<ul style="list-style-type: none"> <li>• OCV</li> <li>• Related wiring harness</li> </ul>	
2P	Sensor ground	Fuel pressure sensor	Under any condition	Below 1.0	<ul style="list-style-type: none"> <li>• Fuel pressure sensor</li> <li>• Related wiring harness</li> </ul>	
2Q	HO2S	HO2S	Idle	0E	<ul style="list-style-type: none"> <li>• HO2S</li> <li>• Related wiring harness</li> </ul>	
2R	Fuel pressure sensor	Fuel pressure sensor	Switch the ignition to off	Below 1.0	<ul style="list-style-type: none"> <li>• Fuel pressure sensor</li> <li>• Related wiring harness</li> </ul>	
			Switch the ignition to ON	Approx. 1.4		
			Idle	Approx. 1.4		
2S	CMP	CMP sensor	<ul style="list-style-type: none"> <li>• Inspect using the wave profile. (See INSPECTION USING AN OSCILLOSCOPE (REFERENCE)).</li> </ul>		<ul style="list-style-type: none"> <li>• CMP sensor</li> <li>• Related wiring harness</li> </ul>	



2T	-	-	-	-	-
2U	Knocking (+)	KS	Switch the ignition to ON (Use digital type voltmeter, because measurement voltage will be detected less than true voltage when using analog type voltmeter)	Approx. 4.3	<ul style="list-style-type: none"> <li>• KS</li> <li>• Related wiring harness</li> </ul>
2V	Knocking (-)	KS	Switch the ignition to ON (Use digital type voltmeter, because measurement voltage will be detected less than true voltage when using analog type voltmeter)	Below 1.0	<ul style="list-style-type: none"> <li>• KS</li> <li>• Related wiring harness</li> </ul>
2W	CKP	CKP sensor	<ul style="list-style-type: none"> <li>• Inspect using the wave profile. (See INSPECTION USING AN OSCILLOSCOPE (REFERENCE)).</li> </ul>		<ul style="list-style-type: none"> <li>• CKP sensor</li> <li>• Related wiring harness</li> </ul>
2X	Internal ground	KS, CMP sensor, CKP sensor, A/F sensor, TP sensor	Under any condition	Below 1.0	<ul style="list-style-type: none"> <li>• Related wiring harness</li> </ul>
2Y	A/F sensor calibration resistor	A/F sensor	Switch the ignition to ON	Approx. 1.5	<ul style="list-style-type: none"> <li>• A/F sensor</li> <li>• Related wiring harness</li> </ul>
2Z	A/F sensor power supply	A/F sensor	Idle (after warm up)	Approx. 4.0	<ul style="list-style-type: none"> <li>• A/F sensor</li> <li>• Related wiring harness</li> </ul>
2AA	Wastegate control solenoid valve	Wastegate control solenoid valve	<ul style="list-style-type: none"> <li>• Inspect using the wave profile. (See INSPECTION USING AN OSCILLOSCOPE (REFERENCE)).</li> </ul>		<ul style="list-style-type: none"> <li>• Wastegate control solenoid valve</li> <li>• Related wiring harness</li> </ul>
2AB	Purge solenoid valve	Purge solenoid valve	<ul style="list-style-type: none"> <li>• Inspect using the wave profile. (See INSPECTION USING AN OSCILLOSCOPE (REFERENCE)).</li> </ul>		<ul style="list-style-type: none"> <li>• Purge solenoid valve</li> <li>• Related wiring harness</li> </ul>

2AC	A/F sensor VSIP	A/F sensor	Idle (after warm up)		Approx. 3.6	<ul style="list-style-type: none"> <li>A/F sensor</li> <li>Related wiring harness</li> </ul>
2AD	A/F sensor IP+	A/F sensor	Idle (after warm up)		Approx. 3.5	<ul style="list-style-type: none"> <li>A/F sensor</li> <li>Related wiring harness</li> </ul>
2AE	Variable swirl shutter valve monitor	Variable swirl shutter valve switch	variable swirl shutter valve close		Below 1.0	<ul style="list-style-type: none"> <li>Variable swirl shutter valve switch</li> <li>Related wiring harness</li> </ul>
			variable swirl shutter valve open		B+	
2AF	OCV control	OCV	<ul style="list-style-type: none"> <li>Inspect using the wave profile. (See INSPECTION USING AN OSCILLOSCOPE (REFERENCE)).</li> </ul>			<ul style="list-style-type: none"> <li>OCV valve</li> <li>Related wiring harness</li> </ul>
2AG	Manifold absolute pressure	MAP sensor	Switch the ignition to ON		Approx. 1.9	<ul style="list-style-type: none"> <li>MAP sensor</li> <li>Related wiring harness</li> </ul>
			Idle (after warm up)		Below 1.0	
2AH	ECT (No. 1)	ECT sensor (No. 1)	Switch the ignition to ON	ECT 20°C {68°F}	3.04E.14	<ul style="list-style-type: none"> <li>ECT sensor No. 1</li> <li>Related wiring harness</li> </ul>
				ECT 60°C {140°F}	1.29E.39	
2AI	-	-	-		-	-
2AJ	TP sensor ground	TP sensor	Under any condition		Below 1.0	<ul style="list-style-type: none"> <li>TP sensor</li> <li>Related wiring harness</li> </ul>
2AK	TP sensor (No. 1)	TP sensor (No. 1)	<div style="border: 1px solid black; padding: 10px; text-align: center;"> <p><b>NOTE:</b></p> <ul style="list-style-type: none"> <li>When the ignition switch is in the ON position (engine is off), the throttle</li> </ul> </div>			<ul style="list-style-type: none"> <li>TP sensor</li> <li>Related wiring harness</li> </ul>

			<i>valve is fully closed regardless of the accelerator pedal opening angle.</i>		
			Switch the ignition to ON (after warm up)	APP is released	Approx. 0.85
				APP is depressed	Approx. 0.85
2AL	TP sensor (No. 2)	TP sensor (No. 2)	<p><b>NOTE:</b></p> <ul style="list-style-type: none"> <li>When the ignition switch is in the ON position (engine is off), the throttle valve is fully closed regardless of the accelerator pedal opening angle.</li> </ul>		<ul style="list-style-type: none"> <li>TP sensor</li> <li>Related wiring harness</li> </ul>
			Switch the ignition to ON (after warm up)	APP is released	Approx. 4.15
				APP is depressed	Approx. 4.15
2AM	EGR valve #2 coil control	EGR valve	Switch the ignition to ON		B+
			Idle		B+
			Switch the ignition to ON		B+
2AN	EGR valve #4 coil control	EGR valve	Idle		B+
			Switch the ignition to ON		Approx. 5.0
2AO	Constant voltage (Vref)	TP sensor			<ul style="list-style-type: none"> <li>TP sensor</li> <li>Related wiring harness</li> </ul>
2AP	ECT (No. 2)	ECT sensor No. 2	Switch the ignition to ON	ECT 20°C {68°F}	3.04-3.14
				ECT 60°C {140°F}	1.29E.39
					<ul style="list-style-type: none"> <li>ECT sensor No. 2</li> <li>Related wiring harness</li> </ul>

2AQ	EGR valve #1 coil control	EGR valve	Switch the ignition to ON	Below 1.0	<ul style="list-style-type: none"> <li>EGR valve</li> <li>Related wiring harness</li> </ul>
			Idle	Below 1.0	
2AR	EGR valve #3 coil control	EGR valve	Switch the ignition to ON	B+	<ul style="list-style-type: none"> <li>EGR valve</li> <li>Related wiring harness</li> </ul>
			Idle	B+	
2AS	Variable swirl control	Variable swirl solenoid valve	ECT 0°C {32°F} or more or engine speed 3, 250 rpm or more	B+	<ul style="list-style-type: none"> <li>Variable swirl solenoid valve</li> <li>Related wiring harness</li> </ul>
			ECT less than 0°C {32°F} and engine speed less than 3, 250 rpm	Below 1.0	
2AT	IGT4	Ignition coil (No. 4 cylinders)	<ul style="list-style-type: none"> <li>Inspect using the wave profile. (See INSPECTION USING AN OSCILLOSCOPE (REFERENCE)).</li> </ul>		<ul style="list-style-type: none"> <li>Ignition coil No. 4</li> <li>Related wiring harness</li> </ul>
2AU	Constant voltage (Vref)	MAP sensor	Switch the ignition to ON	Approx. 5.0	<ul style="list-style-type: none"> <li>Related wiring harness</li> </ul>
2AV	Sensor ground	MAP sensor	Under any condition	Below 1.0	<ul style="list-style-type: none"> <li>Related wiring harness</li> </ul>
2AW	IGT2	Ignition coil (No. 2 cylinders)	<ul style="list-style-type: none"> <li>Inspect using the wave profile. (See INSPECTION USING AN OSCILLOSCOPE (REFERENCE)).</li> </ul>		<ul style="list-style-type: none"> <li>Ignition coil No. 2</li> <li>Related wiring harness</li> </ul>
2AX	IGT3	Ignition coil (No. 3 cylinders)	<ul style="list-style-type: none"> <li>Inspect using the wave profile. (See INSPECTION USING AN OSCILLOSCOPE (REFERENCE)).</li> </ul>		<ul style="list-style-type: none"> <li>Ignition coil No. 3</li> <li>Related wiring harness</li> </ul>
2AY	Sensor ground	ECT sensor	Under any condition	Below 1.0	<ul style="list-style-type: none"> <li>ECT sensor</li> </ul>

					<ul style="list-style-type: none"> <li>• Related wiring harness</li> </ul>
2AZ	Fuel injection (-) (#4)	Fuel injector (No. 4)	<ul style="list-style-type: none"> <li>• Inspect using the wave profile. (See INSPECTION USING AN OSCILLOSCOPE (REFERENCE)).</li> </ul>		<ul style="list-style-type: none"> <li>• Fuel injector No. 4</li> <li>• Related wiring harness</li> </ul>
2BA	IGT1	Ignition coil (No. 1 cylinders)	<ul style="list-style-type: none"> <li>• Inspect using the wave profile. (See INSPECTION USING AN OSCILLOSCOPE (REFERENCE)).</li> </ul>		<ul style="list-style-type: none"> <li>• Ignition coil No. 1</li> <li>• Related wiring harness</li> </ul>
2BB	Fuel injection (-) (#1)	Fuel injector (No. 1)	<ul style="list-style-type: none"> <li>• Inspect using the wave profile. (See INSPECTION USING AN OSCILLOSCOPE (REFERENCE)).</li> </ul>		<ul style="list-style-type: none"> <li>• Fuel injector No. 1</li> <li>• Related wiring harness</li> </ul>
2BC	Fuel injection B(#2)	Fuel injector (No. 2)	<ul style="list-style-type: none"> <li>• Inspect using the wave profile. (See INSPECTION USING AN OSCILLOSCOPE (REFERENCE)).</li> </ul>		<ul style="list-style-type: none"> <li>• Fuel injector No. 2</li> <li>• Related wiring harness</li> </ul>
2BD	Fuel injection (-) (#3)	Fuel injector (No. 3)	<ul style="list-style-type: none"> <li>• Inspect using the wave profile. (See INSPECTION USING AN OSCILLOSCOPE (REFERENCE)).</li> </ul>		<ul style="list-style-type: none"> <li>• Fuel injector No. 3</li> <li>• Related wiring harness</li> </ul>
2BE	Fuel injector power supply 1	Fuel Injector relay	Switch the ignition to off	Below 1.0	<ul style="list-style-type: none"> <li>• Fuel Injector relay</li> <li>• Related wiring harness</li> </ul>
			Switch the ignition to ON	B+	
2BF	Fuel injector power supply 2	Fuel Injector relay	Switch the ignition to off	Below 1.0	<ul style="list-style-type: none"> <li>• Fuel Injector relay</li> </ul>

			Switch the ignition to ON	B+	<ul style="list-style-type: none"> <li>• Related wiring harness</li> </ul>
2BG	Fuel injection (+) (#1,#4)	Fuel injector (No. 1, No. 4)	<ul style="list-style-type: none"> <li>• Inspect using the wave profile. (See INSPECTION USING AN OSCILLOSCOPE (REFERENCE)).</li> </ul>		<ul style="list-style-type: none"> <li>• Fuel injector No. 1, No. 4</li> <li>• Related wiring harness</li> </ul>
2BH	Fuel injection (+) (#2, #3)	Fuel injector (No. 2, No. 3)	<ul style="list-style-type: none"> <li>• Inspect using the wave profile. (See INSPECTION USING AN OSCILLOSCOPE (REFERENCE)).</li> </ul>		<ul style="list-style-type: none"> <li>• Fuel injector No. 2, No. 3</li> <li>• Related wiring harness</li> </ul>
(1)	Without advanced keyless entry and push button start system				
(2)	With advanced keyless entry and push button start system				