

COMBINATION METER

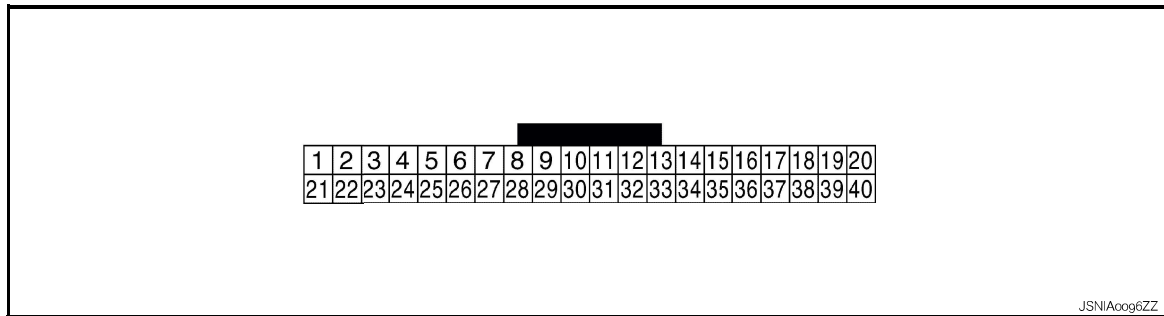
< ECU DIAGNOSIS >

Monitor Item	Condition		Value/Status
4 RANGE IND	Ignition switch ON	Shift indicator 4 is displayed	On
		Other than the above	Off
3 RANGE IND	Ignition switch ON	Shift indicator 3 is displayed	On
		Other than the above	Off
2 RANGE IND	Ignition switch ON	Shift indicator 2 is displayed	On
		Other than the above	Off
AT CHECK-W/L	Ignition switch ON	TCM electronic control system warning lamp ON	On
		TCM electronic control system warning lamp OFF	Off
CVT IND	Ignition switch ON	CVT warning lamp ON	On
		CVT warning lamp OFF	Off
CRUISE IND	Ignition switch ON	Cruise indicator lamp ON	On
		Cruise indicator lamp OFF	Off
SET IND	Ignition switch ON	SET indicator lamp ON	On
		SET indicator lamp OFF	Off
4WD LOCK SW	Ignition switch ON	4WD LOCK switch ON	On
		4WD LOCK switch OFF	Off
4WD LOCK IND	Ignition switch ON	4WD LOCK indicator lamp ON	On
		4WD LOCK indicator lamp OFF	Off
4WD W/L	Ignition switch ON	4WD warning lamp ON	On
		4WD warning lamp OFF	Off

NOTE:

Some items are not available according to vehicle specification.

TERMINAL LAYOUT

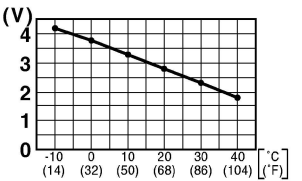
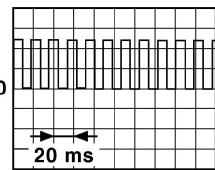


PHYSICAL VALUES

Terminal No. (Wire color)		Description		Condition		Value (Approx.)
+	-	Signal name	Input/ Output			
1 (Y)	Ground	Battery power supply	Input	Ignition switch OFF	—	Battery voltage
2 (GR)	Ground	IGN signal	Input	Ignition switch ON	—	Battery voltage
3 (B)	Ground	Ground	—	Ignition switch ON	—	0 V

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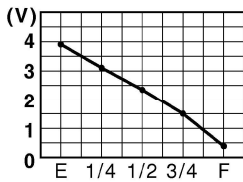
< ECU DIAGNOSIS >

Terminal No. (Wire color)		Description		Condition		Value (Approx.)
+	-	Signal name	Input/ Output			
11 (B)*1 (R)*2	Ground	Steering switch (trip computer) signal	Input	Ignition switch ON	Press the steering switch (trip computer)	0 V
					Other than the above	5 V
15 (W)	Ground	Air bag signal	Input	Ignition switch ON	Air bag warning lamp ON	4 V
					Air bag warning lamp OFF	0 V
19 (V)	Ground	OAT sensor signal	Input	Ignition switch ON	—	 <p style="text-align: right; font-size: small;">JSNI A0014GB</p>
20 (SB)	Ground	OAT sensor ground	—	Ignition switch ON	—	0 V
21 (L)	—	CAN-H	—	—	—	—
22 (P)	—	CAN-L	—	—	—	—
23 (B)	Ground	Ground	—	Ignition switch ON	—	0 V
24 (G)	Ground	Fuel level sensor signal ground	—	Ignition switch ON	—	0 V
25 (L)	Ground	Alternator signal	Input	Ignition switch ON	Charge warning lamp ON	0 V
					Charge warning lamp OFF	12 V
26 (V)	Ground	Parking brake switch signal	Input	Ignition switch ON	Parking brake ON	0 V
					Parking brake OFF	5 V
27 (BR)	Ground	Brake fluid level switch signal	Input	Ignition switch ON	Brake fluid level is normal	5 V
					Brake fluid level is less than LOW level	0 V
28 (SB)	Ground	Security signal	Input	Ignition switch ON	Security warning lamp ON	0 V
					Security warning lamp OFF	12 V
31 (Y)	Ground	Vehicle speed signal (8 pulse)	Output	Ignition switch ON	Vehicle speed is approximately 40 km/h (24.9 MPH)	<p>NOTE: The maximum voltage varies depending on the specification (destination unit).</p>  <p style="text-align: right; font-size: small;">JSNI A0012GB</p>

A
B
C
D
E
F
G
H
I
J
K
L
M
MWI
O
P

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Terminal No. (Wire color)		Description		Condition		Value (Approx.)
+	-	Signal name	Input/ Output			
32 (Y)	Ground	Oil level sensor signal	Input	Ignition switch ON	—	Refer to MWI-34. "Component Inspection" . NOTE: The measurement cannot be performed because the signal is input for a moment with the ignition switch ON.
33 (P)	Ground	Oil level sensor signal ground	—	Ignition switch ON	—	0 V
34 (B)	Ground	Fuel level sensor signal	Input	Ignition switch ON	—	 <p style="text-align: right; font-size: small;">JSNIA0322GB</p>
35 (O)	Ground	Seat belt buckle switch signal (driver side)	Input	Ignition switch ON	When driver seat belt is fastened	5 V
					When driver seat belt is unfastened	0 V
36 (GR)	Ground	Seat belt buckle switch signal (passenger side)	Input	Ignition switch ON	<ul style="list-style-type: none"> • When getting in the passenger seat • When passenger seat belt is fastened 	12 V
					<ul style="list-style-type: none"> • When getting in the passenger seat • When passenger seat belt is not fastened 	0 V
37 (R/Y)	Ground	Not manual mode signal	Input	Ignition switch ON	Manual mode	12 V
					Other than the above	0 V
38 (LG)	Ground	Manual mode shift down signal	Input	Ignition switch ON	Selector lever down operation	0 V
					Other than the above	12 V
39 (G/W)	Ground	Manual mode shift up signal	Input	Ignition switch ON	Selector lever up operation	0 V
					Other than the above	12 V
40 (L)	Ground	Manual mode signal	Input	Ignition switch ON	Manual mode	0 V
					Other than the above	12 V

*1 : With NAVI

*2 : Without NAVI