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2020 NISSAN Versa/Note Service and Repair Manual

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Monitor item	Condition		Value/Status
ICC TEMP	Power switch ON	When distance sensor is high temperature	OK
		Other than above	NG
ASCD STATUS	When conventional (fixed speed) cruise control mode is activated		ON
	Other than above		OFF
Brake torque command value	 NOTE: The item is displayed, but it is not used		—
TURN SIGNAL LAMP LEFT	Power switch ON	Turn signal lamp LH is operating	ON
		Turn signal lamp LH is not operating	OFF
TURN SIGNAL LAMP RIGHT	Power switch ON	Turn signal lamp RH is operating	ON
		Turn signal lamp RH is not operating	OFF
FEB SELECT	Power switch ON	When AEB is ON	ON
		When AEB is OFF	OFF
LDW SELECT	Power switch ON	When LDW is ON	ON
		When LDW is OFF	OFF
LDP SELECT	Power switch ON	When I-LI is ON	ON
		When I-LI is OFF	OFF
Steering assist function select	Power switch ON	When steering assist function is ON	ON
		When steering assist function is OFF	OFF
ICC WARNING	Set the vehicle to READY and press the ProPILOT Assist 2.0 switch	When ProPILOT Assist 2.0 warning message is ON	ON
		When ProPILOT Assist 2.0 warning message is OFF	OFF
BUZZER O/P	Set the vehicle to READY	When the buzzer is operating	ON
		When the buzzer is not operating	OFF
TARGET VEHICLE SPEED (NAVI)	 NOTE: The item is displayed, but it is not used		—
BSI system	Power switch ON	When I-BSI is ON	ON
		When I-BSI is OFF	OFF
ProPILOT Park switch	Power switch ON	When ProPILOT Park switch is pressed	ON
		When ProPILOT Park switch is not pressed	OFF
FEB SW	 NOTE: The item is displayed, but it is not used		—

Monitor item	Condition		Value/Status
ICC warning output	Power switch ON	ProPILOT Assist 2.0 malfunction message: ON	ON
		ProPILOT Assist 2.0 malfunction message: OFF	OFF
IEB buzzer	When the AEB warning buzzer is not sounding		OFF
	When the AEB warning buzzer is sounding		ON1
	When the AEB warning buzzer is sounding (higher pitched buzzer)		ON2
Brake fluid pressure command value	 NOTE: The item is displayed, but it is not used		—
ICC buzzer drive	 NOTE: The item is displayed, but it is not used		—
Speed control mode	Power switch ON	When the vehicle-to-vehicle distance control mode is operating	ICC
		When the conventional (fixed speed) cruise control mode is operating	ASCD
		When the cruise control mode is OFF	OFF
Set display lamp	Power switch ON	When the vehicle-to-vehicle distance control mode system display is ON	ICC
		When the conventional (fixed speed) cruise control mode system display is ON	ASCD
		When the cruise control mode system display is OFF	OFF
ICC Buzzer	 NOTE: The item is displayed, but it is not used		—
LDP system	Power switch ON	When I-LI is ON	ON
		When I-LI is OFF	OFF
LDP ON IND	Power switch ON	When I-LI is ON	ON
		When I-LI is OFF	OFF
LDP malfunction	Power switch ON	When I-LI is malfunction	ON
		When I-LI is normal	OFF
LDP buzzer	Power switch ON	When the I-LI warning buzzer is sounding	ON
		When the I-LI warning buzzer is not sounding	OFF
LDP yaw moment	 NOTE:		—

Monitor item	Condition		Value/Status
	The item is displayed, but it is not used		
LDW system	Power switch ON	When LDW is ON	ON
		When LDW is OFF	OFF
LDW warning lamp	 NOTE: The item is displayed, but it is not used		—
DISTANCE TO INTERSECTION	While driving		Displays distance to intersection
Side radar L block	Power switch ON	When side radar rear LH is blocked	ON
		When side radar rear LH is not blocked	OFF
Side radar R block	Power switch ON	When side radar rear RH is blocked	ON
		When side radar rear RH is not blocked	OFF
Steering torque (measured)	 NOTE: The item is displayed, but it is not used		—
Steering torque (dealer)	 NOTE: The item is displayed, but it is not used		—
Torque sensor value	 NOTE: The item is displayed, but it is not used		—
Steering torque (currently)	 NOTE: The item is displayed, but it is not used		—
STRG TOUCH SEN DETECT	Power switch ON	When the steering wheel is touched	ON
		When the steering wheel is not touched	OFF
EMERGENCY DISPLAY	Power switch ON	When ProPILOT Assist 2.0 warning message is ON	ON
		When ProPILOT Assist 2.0 warning message is OFF	OFF
EMERGENCY ALERT	Power switch ON	When the ProPILOT Assist 2.0 warning buzzer is sounding	ON
		When the ProPILOT Assist 2.0 warning buzzer is not sounding	OFF

TERMINAL LAYOUT



SIEMD-7452952-01-000361275

PHYSICAL VALUES

Terminal No. (Wire color)		Description		Condition		Value (Approx.)
+	-	Signal name	Input/Output			
1 (B)	Ground	Ground	—	Power switch ON		0 V
2 (GR)		ITS CAN communication-H	—	—		—
3 (B)		Steering assist switch signal	Input	Power switch ON	Steering assist switch is not pressed	Battery voltage
					Steering assist switch is pressed	0 V
4 (BR)		ITS CAN communication-H	—	—		—
5 (LG)		ITS CAN communication-L	—	—		—
6 (W)		ITS CAN communication-L	—	—		—
8 (BR)		ITS CAN communication-H	—	—		—
10 (BR)		ITS CAN communication-H	—	—		—
15 (V)		Steering vibration motor signal ground	Input	Power switch ON	Steering vibration motor OFF	4 V
					At "STRG vibration" test of "Active test"	0 V
18 (LA/R)		Power switch ON power supply	Input	Power switch ON		Battery voltage
20		Battery power supply	—	Power switch ON		Battery voltage

Terminal No. (Wire color)		Description		Condition	Value (Approx.)	
+	-	Signal name	Input/Output			
(LA/R)						
21 (B)		Ground	—	Power switch ON	0 V	
22 (V)		ITS CAN communication-L	—	—	—	
24 (R)		ITS CAN communication-L	—	—	—	
25 (W)		Stop lamp drive output signal	—	—	—	
26 (BR)		ITS CAN communication-H	—	—	—	
27 (BR)		ITS CAN communication-H	—	—	—	
28 (V)		ITS CAN communication-L	—	—	—	
30 (P)		ITS CAN communication-L	—	—	—	
35 (GR)		Steering vibration motor signal	Output	Power switch ON	Steering vibration motor OFF	0 V
					At "STRG vibration" test of "Active test"	Battery voltage
36 (B)		Ground	—	Power switch ON	0 V	
40 (BR)		LIN communication	—	—	—	
42 (Y)		Ethernet(+)	—	—	—	
43 (G)		Ethernet(-)	—	—	—	
45 (SHIELD)		Shield	—	—	—	
47 (Y)		Ethernet(+)	—	—	—	
48 (G)		Ethernet(-)	—	—	—	
50 (SHIELD)		Shield	—	—	—	

Terminal No. (Wire color)		Description		Condition	Value (Approx.)
+	-	Signal name	Input/Output		
52 (Y)		Ethernet(+)	—	—	—
53 (G)		Ethernet(-)	—	—	—
55 (SHIELD)		Shield	—	—	—

Sample

Fail-safe (ADAS Control Unit)

SIEMD-7452954

Refer to [Fail-safe \(ADAS Control Unit 2\)](#).

Sample

DTC Inspection Priority Chart

SIEMD-7452950

If multiple DTCs are detected simultaneously, check them one by one depending on the following DTC inspection priority chart.

Priority	Detected items (DTC)
1	<ul style="list-style-type: none">• C1F36-55: CONFIG UNFINISHED• U2A04-88: Comm Bus Off ITS1-FD• U2A05-88: Comm Bus Off ITS4-FD• U2A07-88: Comm Bus Off ITS2-FD• U2A08-88: Comm Bus Off ITS3-FD• U2A09-88: Comm Bus Off ITS5-FD
2	<ul style="list-style-type: none">• C1655-62: Electric parking brake circuit• C1F00-44: CONTROL UNIT• C1F00-45: CONTROL UNIT• C1F00-46: CONTROL UNIT• C1F00-47: CONTROL UNIT• C1F00-49: CONTROL UNIT• C1F00-4B: CONTROL UNIT• C1F00-54: CONTROL UNIT• C1F00-71: CONTROL UNIT• C1F00-87: CONTROL UNIT• C1F02-16: POWER SUPPLY CIR• C1F02-17: POWER SUPPLY CIR• C1F03-23: OPERATION SW CIRC• C1F03-62: OPERATION SW CIRC• C1F03-72: OPERATION SW CIRC• C1F04-48: FEB OPE COUNT LIMIT• C1F04-61: FEB OPE COUNT LIMIT• C1F05-04: Front camera unit• C1F05-49: Front camera unit• C1F05-4B: Front camera unit• C1F05-54: Front camera unit• C1F05-64: Front camera unit• C1F05-82: Front camera unit• C1F05-83: Front camera unit• C1F05-97: Front camera unit• C1F37-55: Switch information

Priority**Detected items (DTC)**

- C1F40-82: ECM
- C1F40-83: ECM
- C1F42-82: TCM
- C1F42-83: TCM
- C1F43-04: Around view control unit
- C1F43-82: Around view control unit
- C1F43-83: Around view control unit
- C1F44-29: BCM
- C1F44-82: BCM
- C1F44-83: BCM
- C1F45-64: CCM
- C1F45-82: CCM
- C1F45-83: CCM
- C1F46-04: VCM/HPCM
- C1F46-24: VCM/HPCM
- C1F46-29: VCM/HPCM
- C1F46-62: VCM/HPCM
- C1F46-82: VCM/HPCM
- C1F46-83: VCM/HPCM
- C1F46-97: VCM/HPCM
- C1F47-04: Combination meter
- C1F47-08: Combination meter
- C1F47-29: Combination meter
- C1F47-82: Combination meter
- C1F47-83: Combination meter
- C1F48-04: ABS/TCS/VDC CIRC
- C1F48-29: ABS/TCS/VDC CIRC
- C1F48-64: ABS/TCS/VDC CIRC
- C1F48-82: ABS/TCS/VDC CIRC
- C1F48-83: ABS/TCS/VDC CIRC
- C1F48-86: ABS/TCS/VDC CIRC
- C1F49-04: Side radar front LH
- C1F49-82: Side radar front LH
- C1F49-83: Side radar front LH
- C1F49-97: Side radar front LH