

# Your Ultimate Source for OEM Repair Manuals

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## 2023 NISSAN Sakura Service and Repair Manual

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# Fail-safe

Refer to [Fail-safe \(Side Radar\)](#).

Sample

# DTC Inspection Priority Chart

SIEMD-7109512

If some DTCs are displayed at the same time, perform inspections one by one based on the following priority chart.

Priority	Detected items (DTC)
1	<ul style="list-style-type: none"> <li>• C1E10-54: Radar off-center</li> <li>• C1E10-78: Radar off-center</li> <li>• C1E13-55: Configuration unfinished</li> <li>• U2A08-88: CAN comm err (ITS3/5-CAN Bus Off)</li> </ul>
2	<ul style="list-style-type: none"> <li>• C1E00-44: Control unit</li> <li>• C1E00-45: Control unit</li> <li>• C1E00-46: Control unit</li> <li>• C1E00-47: Control unit</li> <li>• C1E00-48: Control unit</li> <li>• C1E00-49: Control unit</li> <li>• C1E00-4B: Control unit</li> <li>• C1E01-12: Incorrect installation location</li> <li>• C1E11-97: RADAR BLOCKED</li> <li>• C1E12-16: Power supply circuit</li> <li>• C1E12-17: Power supply circuit</li> <li>• C1E14-97: RADAR ELECTROMAGNETIC INTERFERENCE</li> <li>• U1B26-11: BSW indicator</li> <li>• U1B26-15: BSW indicator</li> <li>• U1B2E-87: CAN comm err</li> <li>• U2148-81: CAN comm err (brake control unit)</li> <li>• U2148-82: CAN comm err (brake control unit)</li> <li>• U2148-83: CAN comm err (brake control unit)</li> <li>• U2148-86: CAN comm err (brake control unit)</li> <li>• U2148-87: CAN comm err (brake control unit)</li> <li>• U214E-81: CAN comm err (combination meter)</li> <li>• U214E-87: CAN comm err (combination meter)</li> <li>• U214F-81: CAN comm err (BCM)</li> <li>• U214F-82: CAN comm err (BCM)</li> <li>• U214F-83: CAN comm err (BCM)</li> <li>• U214F-86: CAN comm err (BCM)</li> <li>• U214F-87: CAN comm err (BCM)</li> <li>• U2152-81: CAN comm err (ADAS control unit)</li> </ul>

Priority	Detected items (DTC)
	<ul style="list-style-type: none"><li>• U2152-87: CAN comm err (ADAS control unit)</li><li>• U2154-81: CAN comm err (MIU)</li><li>• U2154-87: CAN comm err (MIU)</li><li>• U2156-81: CAN comm err (steering angle sensor)</li><li>• U2156-87: CAN comm err (steering angle sensor)</li><li>• U215B-81: CAN comm err (IPDM E/R)</li><li>• U215B-82: CAN comm err (IPDM E/R)</li><li>• U215B-83: CAN comm err (IPDM E/R)</li><li>• U215B-86: CAN comm err (IPDM E/R)</li><li>• U215B-87: CAN comm err (IPDM E/R)</li><li>• U216E-81: CAN comm err (side radar)</li><li>• U216E-82: CAN comm err (side radar)</li><li>• U216E-83: CAN comm err (side radar)</li><li>• U216E-87: CAN comm err (side radar)</li></ul>

Sample

## Self Diagnostic Result

DTC		Items (CONSULT screen terms)	Fail-safe									Reference
			Vehicle speed & vehicle-to-vehicle control function	Lane keep function *1	Lane keep function *2	Lane change support function	Overtaking support function	Route driving support function	BSW	I-BSI	RCTA	
C1E00	44	Control unit	×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
	45		×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
	46		×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
	47		×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
	48		×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
	49		×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
	4B		×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
C1E01	12	Incorrect installation location	×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
C1E10	54	Radar off-center	×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
	78		×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
C1E11	97	RADAR BLOCKED	×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
C1E12	16	Power supply circuit	×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
	17		×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
C1E13	55	Configuration unfinished	×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
C1E14	97	RADAR ELECTROMAGNETIC INTERFERENCE	×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
U1B26	11	BSW indicator	×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
	15		×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
U1B2E	87	CAN comm err	×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
U2148	81	CAN comm err (brake control unit)	×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
	82		×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
	83		×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
	86		×	×	×	×	×	×	×	×	×	<a href="#">DTC</a>

DTC	Items (CONSULT screen terms)	Fail-safe									Reference	
		Vehicle speed & vehicle-to-vehicle control function	Lane keep function *1	Lane keep function *2	Lane change support function	Overtaking support function	Route driving support function	BSW	I-BSI	RCTA		
											<a href="#">Description</a>	
U214E	81	CAN comm err (combination meter)	×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
U214F	81	CAN comm err (BCM)	×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
	82		×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
	83		×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
	86		×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
U2152	81	CAN comm err (ADAS control unit)	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>	
U2154	81	CAN comm err (MIU)	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>	
U2156	81	CAN comm err (steering angle sensor)	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>	
U215B	81	CAN comm err (IPDM E/R)	×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
	82		×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
	83		×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
	86		×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
U216E	81	CAN comm err (side radar)	×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
	82		×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
	83		×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
U2A08	88	CAN comm err (ITS3/5-CAN Bus Off)	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>	

\*1: ProPILOT Assist 2.0 display is green

\*2: ProPILOT Assist 2.0 display is blue

×: Applicable

#### Network-DTC

DTC	Items (CONSULT screen terms)	Fail-safe									Reference	
		Vehicle speed & vehicle-to-vehicle control function	Lane keep function *1	Lane keep function *2	Lane change support function	Overtaking support function	Route driving support function	BSW	I-BSI	RCTA		
U2148	87	CAN comm err (brake control unit)	×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>

DTC		Items (CONSULT screen terms)	Fail-safe									Reference
			Vehicle speed & vehicle- to- vehicle control function	Lane keep function *1	Lane keep function *2	Lane change support function	Overtaking support function	Route driving support function	BSW	I- BSI	RCTA	
U214E	87	CAN comm err (combination meter)	×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
U214F	87	CAN comm err (BCM)	×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
U2152	87	CAN comm err (ADAS control unit)	×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
U2154	87	CAN comm err (MIU)	×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
U2156	87	CAN comm err (steering angle sensor)	×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
U215B	87	CAN comm err (IPDM E/R)	×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>
U216E	87	CAN comm err (side radar)	×	×	×	×	×	×	×	×	×	<a href="#">DTC Description</a>

\*1: ProPILOT Assist 2.0 display is green

\*2: ProPILOT Assist 2.0 display is blue

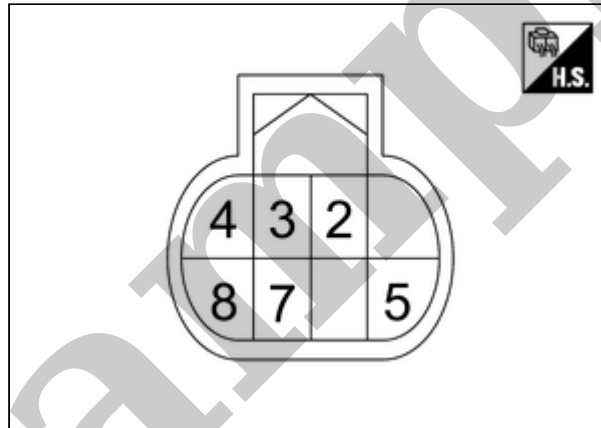
## VALUES ON THE DIAGNOSIS TOOL


**NOTE:**

The following table includes information (items) inapplicable to this vehicle. For information (items) applicable to this vehicle, refer to CONSULT display items.

Monitor item	Condition		Value/Status
BSW select	Power switch ON	When the BSW is ON	On
		When the BSW is OFF	Off
RCTA select	Power switch ON	When the RCTA is ON	On
		When the RCTA is OFF	Off
Horizontal alignment value	Power switch ON		(-5 deg) – (+5 deg)

## TERMINAL LAYOUT



SIEMD-7109451-01-000361282

## PHYSICAL VALUES

Terminal No. (Wire color)		Description		Condition	Value (Approx.)
+	-	Signal name	Input/Output		
2 (BR)	5 (B)	ITS CAN communication-H	—	—	—
3 (LG)		ITS CAN communication-L	—	—	—
4 (R)		BSW indicator signal	Output	Approx. 2 sec. after power switch OFF ⇒ ON (bulb check)	12 V
5 (B)	Ground	Ground	—	Power switch ON	0 V
7 (B)	5 (B)	Switching signal	—	—	0 V



Terminal No. (Wire color)		Description		Condition	Value (Approx.)
+	-	Signal name	Input/Output		
8 (GR)		Power switch ON power supply	Input	Power switch ON	Battery voltage

Sample

# Fail-safe

Refer to [Fail-safe \(Side Radar\)](#).

Sample