

# Your Ultimate Source for OEM Repair Manuals

FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

## 2016 Nissan Sentra Service and Repair Manual

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## 1. CHECK DTC PRIORITY

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If DTC U1327-52 is displayed with DTC U1327-54, first perform the trouble diagnosis for DTC U1327-54.

Is DTC U1327-54 detected?

YES>>

Refer to [DTC Description](#).

NO>>

[GO TO 2.](#)

## 2. PERFORM MAC KEY WRITING

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 With CONSULT

1. Perform “MAC key writing”. Refer to [DTC Description](#).
2. Perform “MAC Diagnosis” of “AROUND VIEW MONITOR” using CONSULT.

Is DTC U1327-52 detected as the current malfunction?

YES>>

[GO TO 3.](#)

NO>>

INSPECTION END.

## 3. REPLACE AROUND VIEW MONITOR CONTROL UNIT

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Replace around view monitor control unit. Refer to [Removal and Installation](#).

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INSPECTION END

**DTC DETECTION LOGIC**

DTC No.	CONSULT screen items	DTC Detection Condition	
U1327-54	MAC key update	Diagnosis condition	-
		Signal (terminal)	-
		Threshold	MAC key is not written after around view monitor control unit replacement.
		Diagnosis delay time	-

**POSSIBLE CAUSE**

- Writing of MAC key has not been executed
- Around view monitor control unit

**FAIL-SAFE**

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Sample

## DTC CONFIRMATION PROCEDURE

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### 1. PERFORM DTC CONFIRMATION PROCEDURE

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 With CONSULT

1. Turn power switch ON.
2. Perform “MAC key writing”. Refer to [DTC Description](#).
3. Perform “MAC Diagnosis” of “AROUND VIEW MONITOR” using CONSULT.

Is DTC U1327-54 detected as the current malfunction?

YES>>

Refer to [DTC Diagnosis Procedure](#).

NO-1>>

To check malfunction symptom before repair: Refer to [Intermittent Incident](#).

NO-2>>

Confirmation after repair: INSPECTION END

Sample

## 1. PERFORM MAC KEY WRITING

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 With CONSULT

1. Perform “MAC key writing”. Refer to [DTC Description](#).
2. Perform “MAC Diagnosis” of “AROUND VIEW MONITOR” using CONSULT.

Is DTC U1327-54 detected as the current malfunction?

YES>>

[GO TO 2.](#)

NO>>

INSPECTION END

## 2. PERFORM MAC KEY WRITING AGAIN (SECOND TIMES)

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 With CONSULT

1. Restart CONSULT.
2. Perform “MAC Key writing” again. Refer to [DTC Description](#).
3. Perform “MAC Diagnosis” of “AROUND VIEW MONITOR” using CONSULT.

Is DTC U1327-54 detected as the current malfunction?

YES>>

[GO TO 3.](#)

NO>>

INSPECTION END

## 3. PERFORM MAC KEY WRITING AGAIN (THIRD TIMES)

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 With CONSULT

1. Restart CONSULT.
2. Perform “MAC Key writing” again. Refer to [DTC Description](#).
3. Perform “MAC Diagnosis” of “AROUND VIEW MONITOR” using CONSULT.

Is DTC U1327-54 detected as the current malfunction?

YES>>

Replace around view monitor control unit. Refer to [Removal and Installation](#).

NO>>

INSPECTION END

## DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
U1DB3	82	IPDM E/R	Diagnosis condition	Vehicle: READY
			Signal (terminal)	—
			Threshold	If around view monitor control unit detects an error signal that is received from IPDM E/R via CAN communication.
			Diagnosis delay time	1 second or less

## POSSIBLE CAUSE

IPDM E/R

## FAIL-SAFE

The following systems are canceled.

- Lane keep function\*
- Lane change support function
- Overtaking support function
- Route driving support function

\*: ProPILOT Assist 2.0 display is blue

## 1. CHECK DTC PRIORITY

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If DTC “U1DB3-82” is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?

YES>>

Perform diagnosis of applicable. Refer to [DTC Index](#).

NO>>

[GO TO 2.](#)

## 2. PERFORM DTC CONFIRMATION PROCEDURE

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1. Set the vehicle to READY.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “U1DB3-82” is detected as the current malfunction in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “U1DB3-82” detected as the current malfunction?

YES>>

Refer to [DTC Diagnosis Procedure](#).

NO-1>>

To check malfunction symptom before repair: Refer to [Intermittent Incident](#).

NO-2>>

Confirmation after repair: INSPECTION END

## 1. CHECK DTC PRIORITY

---

If DTC “U1DB3-82” is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?

YES>>

Perform diagnosis of applicable. Refer to [DTC Index](#).

NO>>

[GO TO 2.](#)

## 2. CHECK IPDM E/R SELF-DIAGNOSIS RESULTS

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Check if any DTC is detected in “Self Diagnostic Result” of “IIPDM E/R”.

Is any DTC detected?

YES>>

Perform diagnosis on the detected DTC and repair or replace the malfunctioning parts. Refer to [DTC Index](#).

NO>>

Replace the around view monitor control unit. Refer to [Removal and Installation](#).



## DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
U1DB3	83	IPDM E/R	Diagnosis condition	Vehicle: READY
			Signal (terminal)	—
			Threshold	If around view monitor control unit detects an error signal that is received from IPDM E/R via CAN communication.
			Diagnosis delay time	1 second or less

## POSSIBLE CAUSE

IPDM E/R

## FAIL-SAFE

The following systems are canceled.

- Lane keep function\*
- Lane change support function
- Overtaking support function
- Route driving support function

\*: ProPILOT Assist 2.0 display is blue

## 1. CHECK DTC PRIORITY

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If DTC “U1DB3-83” is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?

YES>>

Perform diagnosis of applicable. Refer to [DTC Index](#).

NO>>

[GO TO 2.](#)

## 2. PERFORM DTC CONFIRMATION PROCEDURE

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1. Set the vehicle to READY.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “U1DB3-83” is detected as the current malfunction in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “U1DB3-83” detected as the current malfunction?

YES>>

Refer to [DTC Diagnosis Procedure](#).

NO-1>>

To check malfunction symptom before repair: Refer to [Intermittent Incident](#).

NO-2>>

Confirmation after repair: INSPECTION END