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2017 NISSAN Tiida/Versa Sedan OEM Service and Repair Workshop Manual

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DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition			
B14A0	45	CONTROL MODULE	1	Diagnosis condition	When power switch is ON	
				Signal (terminal)	—	
				Threshold	Internal error	
				Diagnosis delay time	3 seconds or more	
			2	Diagnosis condition	When power switch is ON	
				Signal (terminal)	—	
				Threshold	Initial diagnosis at startup with power SW ON detects internal error 3 times straight	
				Diagnosis delay time	—	

POSSIBLE CAUSE

HD map module internal error

FAIL-SAFE

The following systems are canceled.

- Lane keeping function[*]

- Lane change support function

- Overtaking support function

- Route driving support function

*: ProPILOT Assist 2.0 display is blue

1. DTC CONFIRMATION PROCEDURE

1. Turn power switch ON and wait 5 seconds or more.

2. Perform "All DTC Reading" with CONSULT.

3. Check if "B14A0-45" is detected as current malfunction in self-diagnosis result of "HD MAP".

Is DTC "B14A0-45" detected as 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. DTC CONFIRMATION

1. Erase DTC.

2. Perform DTC confirmation procedure again. Refer to <u>DTC Description</u>.

<u>Is DTC "B14A0-45" detected as current malfunction?</u>

YES>>

Replace HD map module. Refer to <u>Removal and Installation</u>.

NO>>

INSPECTION END

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition			
B14A0	49	CONTROL MODULE	1	Diagnosis condition	When power switch is ON	
				Signal (terminal)	—	
				Threshold	Internal error	
				Diagnosis delay time	3 seconds or more	
			2	Diagnosis condition	When power switch is ON	
				Signal (terminal)	—	
				Threshold	Initial diagnosis at startup with power SW ON detects internal error 3 times straight	
				Diagnosis delay time	—	

POSSIBLE CAUSE

HD map module internal error

FAIL-SAFE

The following systems are canceled.

- Lane keeping function[*]

- Lane change support function

- Overtaking support function

- Route driving support function

*: ProPILOT Assist 2.0 display is blue

1. DTC CONFIRMATION PROCEDURE

1. Turn power switch ON and wait 5 seconds or more.

2. Perform "All DTC Reading" with CONSULT.

3. Check if "B14A0-49" is detected as current malfunction in self-diagnosis result of "HD MAP".

Is DTC "B14A0-49" detected as 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. DTC CONFIRMATION

1. Erase DTC.

2. Perform DTC confirmation procedure again. Refer to <u>Confirmation Procedure</u>.

<u>Is DTC "B14A0-49" detected as current malfunction?</u>

YES>>

Replace HD map module. Refer to <u>Removal and Installation</u>.

NO>>

INSPECTION END

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
B14A0	4B	CONTROL MODULE	Diagnosis condition	When power switch is ON
			Signal (terminal)	—
			Threshold	The temperature detected by the temperature sensor built in HD map module is 105 ℃ or higher
			Diagnosis delay time	5 seconds or more

POSSIBLE CAUSE

Temperature around HD map module is abnormally high

FAIL-SAFE

The following systems are canceled.

- Lane keeping function[*]

- Lane change support function

- Overtaking support function

- Route driving support function

*: ProPILOT Assist 2.0 display is blue

1. DTC CONFIRMATION PROCEDURE

    1. Turn power switch OFF.

    2. Leave the vehicle for at least 10 minutes.

    3. Turn power switch ON and wait 5 seconds or more.

    4. Perform "All DTC Reading" with CONSULT.

    5. Check if "B14A0-4B" is detected as current malfunction in self-diagnosis result of "HD MAP".
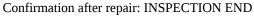
Is DTC "B14A0-4B" detected as current malfunction?

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

DTC Diagnosis Procedure

1. DTC CONFIRMATION

1. Erase DTC.

2. Perform DTC confirmation procedure again. Refer to Confirmation Procedure.

Is DTC "B14A0-4B" detected as current malfunction?

YES>>

Replace HD map module. Refer to Removal and Installation.

NO>>

INSPECTION END