

# 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.

## 2017 Nissan Titan Service and Repair Manual

[Go to manual page](#)

## DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
B14A5	45	HD map data error 1	Diagnosis condition	When power switch is ON
			Signal (terminal)	—
			Threshold	An error occurs when writing data
			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

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1. Turn power switch ON.
2. Perform "All DTC Reading" with CONSULT.
3. Check if "B14A5-45" is detected as current malfunction in self-diagnosis result of "HD MAP".

Is DTC "B14A5-45" 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

Sample

## 1. PERFORM DTC CONFIRMATION PROCEDURE AGAIN

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1. Erase DTC.

2. Perform DTC confirmation procedure again. Refer to [Confirmation Procedure](#).

Is DTC "B14A5-45" detected as current malfunction?

YES>>

Replace HD map module. Refer to [Removal and Installation](#).

NO>>

INSPECTION END

Sample

## DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
B14B0	56	VIN data mismatch	Diagnosis condition	When power switch is ON
			Signal (terminal)	—
			Threshold	File system internal error
			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

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1. Turn power switch ON.
2. Perform "All DTC Reading" with CONSULT.
3. Check if "B14B0-56" is detected as current malfunction in self-diagnosis result of "HD MAP".

Is DTC "B14B0-56" 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

Sample

## 1. DTC CONFIRMATION

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1. Erase DTC.

2. Perform DTC confirmation procedure again. Refer to [Confirmation Procedure](#).

Is DTC "B14B0-56" detected as current malfunction?

YES>>

Replace HD map module. Refer to [Removal and Installation](#).

NO>>

INSPECTION END

Sample

## DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
U1C93	86	GPS communication error	Diagnosis condition	When power switch is ON
			Signal (terminal)	GNSS communication signal
			Threshold	Serial communication with GNSS antenna data error
			Diagnosis delay time	2 seconds or more

## POSSIBLE CAUSE

- GNSS antenna is abnormal
- HD map module is abnormal

## 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

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1. Turn power switch ON.
2. Perform "All DTC Reading" with CONSULT.
3. Check if "U1C93-86" is detected as current malfunction in self-diagnosis result of "HD MAP".

Is DTC "U1C93-86" 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

Sample

## 1. CHECK GNSS ANTENNA CONNECTION

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1. Turn power switch OFF.
2. Check GNSS antenna for connection (including intermediate connector).
3. Perform DTC confirmation procedure again. Refer to [Confirmation Procedure](#).

Is DTC "U1C93-86" detected as current malfunction?

YES>>

Replace HD map module. Refer to [Removal and Installation](#).

NO>>

INSPECTION END

Sample