

# 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.

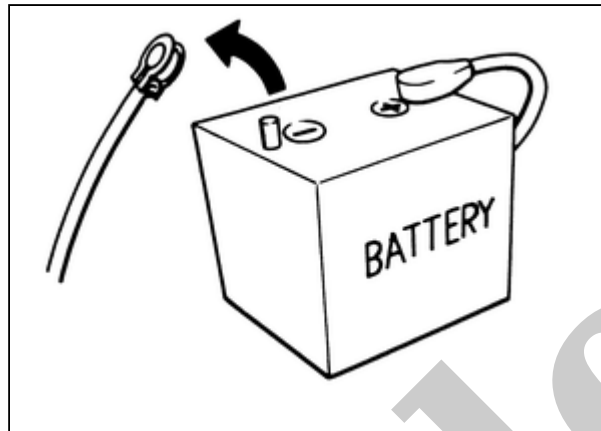
## 2017 NISSAN Tiida/Versa OEM Service and Repair Workshop Manual

[Go to manual page](#)

# Precautions for Removing Battery Terminal

RDE-001899086

- With the adoption of Auto ACC function, ACC power is automatically supplied by operating the Intelligent Key or remote keyless entry or by opening/closing the driver side door. In addition, ACC power is supplied even after the ignition switch is turned to the OFF position, i.e. ACC power is supplied for a certain fixed time.
- When disconnecting the 12V battery terminal, turn off the ACC power before disconnecting the 12V battery terminal, observing "How to disconnect 12V battery terminal" described below.



RDE-001554996-01-EF289H



## NOTE:

Some ECUs operate for a certain fixed time even after ignition switch is turned OFF and ignition power supply is stopped. If the battery terminal is disconnected before ECU stops, accidental DTC detection or ECU data damage may occur.

- For vehicles with the 2-batteries, be sure to connect the main battery and the sub battery before turning ON the ignition switch.



## NOTE:

If the ignition switch is turned ON with any one of the terminals of main battery and sub battery disconnected, then DTC may be detected.

- After installing the 12V battery, always check "Self Diagnosis Result" of all ECUs and erase DTC.



## NOTE:

The removal of 12V battery may cause a DTC detection error.

## HOW TO DISCONNECT 12V BATTERY TERMINAL

Disconnect 12V battery terminal according to instruction described below.

1. Open the hood.
2. Turn ignition switch to the ON position.
3. Turn ignition switch to the OFF position with the driver side door opened.
4. Get out of the vehicle and close the driver side door.
5. Wait at least 3 minutes.

## CAUTION:

While waiting, never operate the vehicle such as locking, opening, and closing doors. Violation of this caution results in the activation of ACC power supply according to the Auto ACC function.

6. Remove 12V battery terminal.

**CAUTION:**

**After installing 12V battery, always check self-diagnosis results of all ECUs and erase DTC.**

Sample

# Precaution for ProPILOT Assist 2.0 System Service

RDE-001974523

- ProPILOT Assist 2.0 assists driving operations and lane change operations to drive close to the center of the lane, up to the vehicle speed set by the driver, while keeping a proper distance from the vehicle ahead on highways and motorways.
- Once the destination is set in the navigation system, ProPILOT Assist 2.0 controls and assists the accelerator, brakes and steering on the highway route to the exit.

## **CAUTION:**

**Be careful the followings and always drive safely.**

- **ProPILOT Assist 2.0 is not an automated driving device. The driver is responsible for always paying attention to the surroundings, operating the steering wheel, brake pedal, and accelerator pedal according to the road, traffic, and vehicle conditions, and driving safely.**
- **ProPILOT Assist 2.0 controls the steering to drive close to the center of the lane. The system does not respond when a vehicle on the side approaches.**

Sample

## DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition		
B14A4	11	GPS ANTENNA	1	Diagnosis condition	When power switch is ON
				Signal (terminal)	GPS antenna signal
				Threshold	—
				Diagnosis delay time	2.5 seconds or more
			2	Diagnosis condition	When power switch is ON
				Signal (terminal)	GPS antenna signal
				Threshold	Detect 10 times straight
				Diagnosis delay time	—

## POSSIBLE CAUSE

- GNSS antenna connection
- Roof antenna

## 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 2.5 seconds or more.
2. Perform "All DTC Reading" with CONSULT.
3. Check if "B14A4-11" is detected as current malfunction in self-diagnosis result of "HD MAP".

Is DTC "B14A4-11" 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

---

Check GNSS antenna for loose fitting.

Is the inspection result normal?

YES>>

[GO TO 2.](#)

NO>>

Connect GNSS antenna properly.

## 2. PERFORM DTC CONFIRMATION PROCEDURE AGAIN

---

1. Turn power switch ON.
2. Erase DTC.
3. Perform DTC confirmation procedure again.

Is DTC "B14A4-11" detected as current malfunction?

YES>>

Replace roof antenna. Refer to [Removal and Installation](#).

NO>>

INSPECTION END

## DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition		
B14A4	13	GPS ANTENNA	1	Diagnosis condition	When power switch is ON
				Signal (terminal)	GPS antenna signal
				Threshold	0 V
				Diagnosis delay time	2.5 seconds or more
			2	Diagnosis condition	When power switch is ON
				Signal (terminal)	GPS antenna signal
				Threshold	Detect 0 V 10 times straight
				Diagnosis delay time	—

## POSSIBLE CAUSE

- GNSS antenna connection
- Roof antenna

## 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 2.5 seconds or more.
2. Perform "All DTC Reading" with CONSULT.
3. Check if "B14A4-13" is detected as current malfunction in self-diagnosis result of "HD MAP".

Is DTC "B14A4-13" 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 (1)

---

Check GNSS antenna for loose fitting.

Is the inspection result normal?

YES>>

[GO TO 2.](#)

NO>>

Connect GNSS antenna properly.

## 2. CHECK GNSS ANTENNA CONNECTION (2)

---

Check connection between the HD map module and GNSS antenna for loose fitting.

Is the inspection result normal?

YES>>

[GO TO 3.](#)

NO>>

Repair malfunctioning part.

## 3. PERFORM DTC CONFIRMATION PROCEDURE AGAIN

---

1. Turn power switch ON.
2. Erase DTC.
3. Perform DTC confirmation procedure again.

Is DTC "B14A4-13" detected as current malfunction?

YES>>

Replace roof antenna. Refer to [Removal and Installation](#).

NO>>

INSPECTION END