

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.

2014 NISSAN Titan Crew Cab OEM Service and Repair Workshop Manual

Go to manual page

1. PERFORM DTC CONFIRMATION PROCEDURE AGAIN

(E)With CONSULT

Perform DTC confirmation procedure again. Refer to Confirmation Procedure.

Is DTC P0D3A-00 detected again?

YES>>

Replace On-board charger. Refer to ON-BOARD CHARGER: Disassembly & Assembly.

NO>>

INSPECTION END



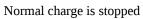
DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detecting condition		
	00	Battery charger input current sensor	Diagnosis condition	During normal charge	
P0D3B			Signal	AC current signal	
PODSB			Threshold	When the measured value of the AC current is sticking to the sensor upper limit value	
			Detection time	Max 100 seconds	

POSSIBLE CAUSE

On-board charger

FAIL-SAFE





1. PRECONDITIONING

- 1. Erase "self-diagnostic result" in "CHARGER/POWER DELIVERY MODULE" using CONSULT.
- 2. Turn the power switch OFF with the driver's side door open, get out of the vehicle, close the driver's side door and wait for at least 4 minutes.

CAUTION:

Since the auto ACC function causes the accessory power to be turned ON, do not perform any vehicle operation including locking the doors or opening and closing of the doors while waiting.

3. Check that 12 V battery voltage is 11 V or more.

>>

GO TO 2

2. PERFORM DTC CONFIRMATION PROCEDURE

With CONSULT

- 1. Perform normal charge for at least 120 seconds.
- 2. Check "self-diagnostic result" in "CHARGER/POWER DELIVERY MODULE" using CONSULT.



If a DTC other than "P0D3B-00" is detected, perform the trouble diagnosis for the detected DTC.

Is DTC detected?

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. PERFORM DTC CONFIRMATION PROCEDURE AGAIN

(P)With CONSULT

Perform DTC confirmation procedure again. Refer to Confirmation Procedure.

Is DTC P0D3B-00 detected again?

YES>>

Replace On-board charger. Refer to ON-BOARD CHARGER: Disassembly & Assembly.

NO>>

INSPECTION END



DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detecting condition		
P0D3F	00	Battery charger input voltage sensor	Diagnosis condition	During normal charge	
			Signal	AC voltage signal	
			Threshold	When the measured value of the AC voltage is sticking to the sensor lower limit value	
			Detection time	Max 100 seconds	

POSSIBLE CAUSE

On-board charger

FAIL-SAFE

Normal charge is stopped



1. PRECONDITIONING

- 1. Erase "self-diagnostic result" in "CHARGER/POWER DELIVERY MODULE" using CONSULT.
- 2. Turn the power switch OFF with the driver's side door open, get out of the vehicle, close the driver's side door and wait for at least 4 minutes.

CAUTION:

Since the auto ACC function causes the accessory power to be turned ON, do not perform any vehicle operation including locking the doors or opening and closing of the doors while waiting.

3. Check that 12 V battery voltage is 11 V or more.

>>

GO TO 2

2. PERFORM DTC CONFIRMATION PROCEDURE

(H)With CONSULT

- 1. Perform normal charge for at least 120 seconds.
- 2. Check "self-diagnostic result" in "CHARGER/POWER DELIVERY MODULE" using CONSULT.



If a DTC other than "P0D3F-00" is detected, perform the trouble diagnosis for the detected DTC.

Is DTC detected?

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. PERFORM DTC CONFIRMATION PROCEDURE AGAIN

(E)With CONSULT

Perform DTC confirmation procedure again. Refer to Confirmation Procedure.

Is DTC P0D3F-00 detected again?

YES>>

Replace On-board charger. Refer to ON-BOARD CHARGER: Disassembly & Assembly.

NO>>

INSPECTION END



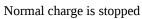
DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detecting condition		
P0D40	00	Battery charger input voltage sensor	Diagnosis condition	During normal charge	
			Signal	AC voltage signal	
			Threshold	When the measured value of the AC voltage is sticking to the sensor upper limit value	
			Detection time	Max 100 seconds	

POSSIBLE CAUSE

On-board charger

FAIL-SAFE





1. PRECONDITIONING

- 1. Erase "self-diagnostic result" in "CHARGER/POWER DELIVERY MODULE" using CONSULT.
- 2. Turn the power switch OFF with the driver's side door open, get out of the vehicle, close the driver's side door and wait for at least 4 minutes.

CAUTION:

Since the auto ACC function causes the accessory power to be turned ON, do not perform any vehicle operation including locking the doors or opening and closing of the doors while waiting.

3. Check that 12 V battery voltage is 11 V or more.

>>

GO TO 2

2. PERFORM DTC CONFIRMATION PROCEDURE

With CONSULT

- 1. Perform normal charge for at least 120 seconds.
- 2. Check "self-diagnostic result" in "CHARGER/POWER DELIVERY MODULE" using CONSULT.



If a DTC other than "P0D40-00" is detected, perform the trouble diagnosis for the detected DTC.

Is DTC detected?

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