

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 GT-R OEM Service and Repair Workshop Manual

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1. CHECK DTC PRIORITY

If DTC “C21F6-54” 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

1. Set the vehicle to READY.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “C21F6-54” is detected as the current malfunction in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “C21F6-54” 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

1. CHECK DTC PRIORITY

If DTC “C21F6-54” is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?

YES>>

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

NO>>

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2. CHECK FRONT CAMERA UNIT SELF-DIAGNOSTIC RESULT

Check if any DTC is detected in “Self Diagnostic Result” of “LANE CAMERA”.

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	
C21F6	98	Camera	Diagnosis condition	Vehicle: READY
			Signal (terminal)	—
			Threshold	Temperature around front camera unit is excessively high
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

Interior room temperature is excessively high

FAIL-SAFE

The following systems are canceled.

- Lane keep function*¹
- Lane keep function*²
- Lane change support function
- Overtaking support function
- Route driving support function
- AEB
- RAB
- I-FCW
- I-LI
- I-BSI
- TSR

*1: ProPILOT Assist 2.0 display is green

*2: ProPILOT Assist 2.0 display is blue

1. PERFORM DTC CONFIRMATION PROCEDURE

1. Turn the power switch OFF.
2. Wait for 10 minutes or more.
3. Set the vehicle to READY.
4. Perform “All DTC Reading” with CONSULT.
5. Check if the “C21F6-98” is detected as the current malfunction in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “C21F6-98” 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. CHECK COOLING SYSTEM

Check for any malfunctions in cooling system.

Is cooling system normal?

YES>>

Replace the front camera unit. Refer to [Removal and Installation](#) (WITHOUT ProPILOT ASSIST 2.0) or [Removal and Installation](#) (WITH ProPILOT ASSIST 2.0).

NO>>

Repair cooling system.

Sample

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
U1D99	82	ADAS control unit	Diagnosis condition	Vehicle: READY
			Signal (terminal)	CAN communication signal
			Threshold	If ADAS control unit 2 is malfunctioning
			Diagnosis delay time	2 seconds or more

POSSIBLE CAUSE

ADAS control unit 2

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

If DTC “U1D99-82” is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?

YES>>

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

NO>>

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2. PERFORM DTC CONFIRMATION PROCEDURE

1. Set the vehicle to READY.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “U1D99-82” is detected as the current malfunction in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “U1D99-82” 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 “U1D99-82” is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?

YES>>

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

NO>>

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2. CHECK ADAS C/U 2 SELF-DIAGNOSIS RESULTS

Check if any DTC is detected in “Self Diagnostic Result” of “ICC/ADAS”.

Is any DTC detected?

YES>>

Perform diagnosis on the detected DTC and repair or replace the malfunctioning parts. Refer to [DTC Index](#) (WITHOUT ProPILOT ASSIST 2.0) or [DTC Index](#) (WITH ProPILOT ASSIST 2.0).

NO>>

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

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
U1D9A	82	ADAS control unit	Diagnosis condition	Vehicle: READY
			Signal (terminal)	CAN communication signal
			Threshold	If ADAS control unit 2 is malfunctioning
			Diagnosis delay time	2 seconds or more

POSSIBLE CAUSE

ADAS control unit 2

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