

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.

2016 Nissan Rogue Service and Repair Manual

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Connector	Terminal		
B65	2		Existed
	3*		

*:With ProPILOT Assist 2.0

Is the inspection result normal?

YES>>

INSPECTION END

NO>>

Repair the around view monitor control unit ground circuit.

Sample

DTC DETECTION LOGIC

DTC	CONSULT screen terms	DTC detection condition	
B2A0C-86	TCM	Diagnosis condition	When power switch is ON
		Signal (terminal)	CAN communication signal
		Threshold	Cannot receive shift position signal from electric shift control module
		Diagnosis delay time	2 seconds or more

POSSIBLE CAUSE

- Electric shift control module
- Around view monitor control unit

FAIL-SAFE

MOD (Moving Object Detection) function is cancel

DTC CONFIRMATION PROCEDURE

1. CHECK DTC PRIORITY

If DTC B2A0C-86 is displayed with DTC U2141-87, first perform the confirmation procedure (trouble diagnosis) for DTC U2141-87.

Is applicable DTC detected?

YES>>

Perform diagnosis of applicable.

NO>>

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2. PERFORM DTC CONFIRMATION PROCEDURE

 With CONSULT

1. Turn the power switch ON.
2. Check if the “B2A0C-86” is detected as the current malfunction in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “B2A0C-86” 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 SELF-DIAGNOSIS RESULTS

 With CONSULT

Check if “U2141-87” is detected other than “B2A0C-86” in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “U2141-87” detected?

YES>>

Perform diagnosis of applicable.

NO>>

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2. CHECK TCM SELF-DIAGNOSIS RESULTS

 With CONSULT

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

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	
C21FD	62	VCM	Diagnosis condition	Vehicle: READY
			Signal (terminal)	—
			Threshold	If around view monitor control unit detects an error signal that is received from VCM via CAN communication
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

VCM

FAIL-SAFE

The following systems are canceled.

- Vehicle-to-vehicle distance control mode
- 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. CHECK DTC PRIORITY

If DTC “C21FD-62” 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 “C21FD-62” is detected as the current malfunction in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “C21FD-62” 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 “C21FD-62” 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 VCM SELF-DIAGNOSIS RESULTS

Perform diagnosis on the detected DTC and repair or replace the malfunctioning parts.

Is any DTC detected?

YES>>

Check if any DTC is detected in “Self Diagnostic Result” of “EV/HEV”. 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	
U1DA1	82	BCM	Diagnosis condition	Vehicle: READY
			Signal (terminal)	—
			Threshold	If around view monitor control unit detects an error signal that is received from BCM via CAN communication
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

- BCM
- Around view monitor control unit

FAIL-SAFE

The following systems are canceled.

- Vehicle-to-vehicle distance control mode
- 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
- I-DA

*1: ProPILOT Assist 2.0 display is green

*2: ProPILOT Assist 2.0 display is blue

1. CHECK DTC PRIORITY

If DTC “U1DA1-82” 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 “U1DA1-82” is detected as the current malfunction in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “U1DA1-82” 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