

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 370Z Roadster OEM Service and Repair Workshop Manual

[Go to manual page](#)

1. PERFORM DTC CONFIRMATION PROCEDURE

1. Set the vehicle to READY, and then wait for 2 seconds or more.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “U2155-82” is detected as the current malfunction in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “U2155-82” 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

Sample

1. CHECK ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT) SELF-DIAGNOSIS RESULTS

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

Is any DTC detected?

YES >>

Perform diagnosis on the detected DTC and repair or replace the malfunctioning parts. Refer to [DTC Index](#).

NO >>

[GO TO 2.](#)

2. CHECK CHASSIS CONTROL MODULE SELF-DIAGNOSIS RESULTS

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

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		
U2155	83	CAN comm err (parking brake)	1	Diagnosis condition	When vehicle is READY
				Signal (terminal)	CAN communication signal
				Threshold	If the ABS actuator and electric unit (control unit) is malfunction
				Diagnosis delay time	2 seconds or more
			2	Diagnosis condition	When vehicle is READY
				Signal (terminal)	CAN communication signal
				Threshold	If the chassis control module is malfunction
				Diagnosis delay time	2 seconds or more

POSSIBLE CAUSE

- ABS actuator and electric unit (control unit)
- Chassis control module
- Around view monitor control unit

FAIL-SAFE

The following systems are canceled.

- ProPILOT Park

1. PERFORM DTC CONFIRMATION PROCEDURE

1. Set the vehicle to READY, and then wait for 2 seconds or more.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “U2155-83” is detected as the current malfunction in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “U2155-83” 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 ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT) SELF-DIAGNOSIS RESULTS

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

Is any DTC detected?

YES >>

Perform diagnosis on the detected DTC and repair or replace the malfunctioning parts. Refer to [DTC Index](#).

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2. CHECK CHASSIS CONTROL MODULE SELF-DIAGNOSIS RESULTS

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

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	
U2156	82	CAN comm err (steering angle sensor)	Diagnosis condition	When vehicle is READY
			Signal (terminal)	—
			Threshold	Around view monitor control unit detects an error signal that is received from steering angle sensor via CAN communication
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

- Steering angle sensor
- Around view monitor control unit

FAIL-SAFE

The following systems are canceled.

- ProPILOT Park

1. CHECK DTC PRIORITY

If DTC “U2156-82” is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?

YES >>

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

NO >>

[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 “U2156-82” is detected as the current malfunction in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “U2156-82” 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 “U2156-82” is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?

YES >>

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

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2. CHECK ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT) SELF-DIAGNOSIS RESULTS

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

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	
U2156	83	CAN comm err (steering angle sensor)	Diagnosis condition	When vehicle is READY
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POSSIBLE CAUSE

- Steering angle sensor
- Around view monitor control unit

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