

# 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 Terrano OEM Service and Repair Workshop Manual

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## DTC CONFIRMATION PROCEDURE

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### 1. PERFORM DTC CONFIRMATION PROCEDURE

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 With CONSULT

1. Turn power switch ON.
2. Turn power switch OFF and wait at least 30 seconds.
3. Turn power switch ON and wait at least 2 seconds or more.
4. Select “Self Diagnostic Result” mode of “AROUND VIEW MONITOR” using CONSULT.
5. Check DTC.

Is DTC B2A05-55 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 CONFIGURATION OF AROUND VIEW MONITOR CONTROL UNIT

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Perform configuration of around view monitor control unit when DTC B2A05-55 is detected.

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Perform configuration of around view monitor control unit. Refer to [Work Procedure](#).

## 2. PERFORM DTC CONFIRMATION PROCEDURE AGAIN

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 With CONSULT

1. Turn power switch ON.
2. Erase DTC.
3. Perform DTC confirmation procedure again. Refer to [Confirmation Procedure](#).

Is DTC B2A05-55 detected again?

YES>>

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

NO>>

INSPECTION END

## DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
C21FC	78	GEAR POSITION	Diagnosis condition	Vehicle speed:10 km/h or more
			Signal (terminal)	CAN communication signal
			Threshold	A mismatch between an current gear position signal transmitted from VCM via CAN communication and a gear position calculated by the around view monitor control unit continues
			Diagnosis delay time	Approximately 11 minutes or more

## POSSIBLE CAUSE

- VCM
- Around view monitor control unit

## FAIL-SAFE

None

## 1. CHECK DTC PRIORITY

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If DTC “C21FC-78” 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

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1. Set the vehicle to READY.
2. Drive the vehicle at 10 km/h (6 MPH) or faster for approximately 15 minutes or more.

**CAUTION:**  
**Always drive safely.**

3. Stop the vehicle.
4. Perform “All DTC Reading” with CONSULT.
5. Check if the “C21FC-78” is detected as the current malfunction in “Self Diagnostic Result” of “AROUND VIEW MONITOR”.

Is “C21FC-78” 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

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If DTC “C21FC-78” 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. CHECK VEHICLE SPEED SIGNAL

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Check that “VHCL SPEED SE” operate normally in “DATA MONITOR” of “AROUND VIEW MONITOR”.

**CAUTION:**

**Be careful of the vehicle speed.**

Is the inspection result normal?

YES>>

[GO TO 3.](#)

NO>>

[GO TO 4.](#)

## 3. CHECK VCM SELF-DIAGNOSIS RESULTS

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Check if any DTC is detected in “Self Diagnostic Result” of “EV/HEV”.

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](#).

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

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

Is any DTC detected?

YES>>

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	
B2A00-52	Left camera	Diagnosis condition	When power switch is ON
		Signal (terminal)	—
		Threshold	The calibration is not completed or the connected camera is different from the one when calibrated.
		Diagnosis delay time	2 seconds or more

**POSSIBLE CAUSE**

- Side camera LH
- Camera calibration is incomplete

**FAIL-SAFE**

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Sample

## 1. PERFORM DTC CONFIRMATION PROCEDURE

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 With CONSULT

1. Turn power switch ON.
2. Turn power switch OFF and wait at least 30 seconds.
3. Turn power switch ON and wait at least 2 seconds.
4. Select “Self Diagnostic Result” mode of “AROUND VIEW MONITOR” using CONSULT.
5. Check DTC.

Is DTC B2A00-52 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 CALIBRATING CAMERA IMAGE

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Perform camera calibration. Refer to [Work Procedure](#).

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[GO TO 2.](#)

## 2. PERFORM DTC CONFIRMATION PROCEDURE AGAIN

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 With CONSULT

1. Turn power switch ON.
2. Erase DTC.
3. Perform DTC confirmation procedure again. Refer to [Confirmation Procedure](#).

Is DTC “B2A00-52” detected again?

YES>>

Replace side camera LH. Refer to [Removal and Installation](#).

NO>>

INSPECTION END

Sample

**DTC DETECTION LOGIC**

DTC	CONSULT screen terms	DTC detection condition	
B2A01-52	Right camera	Diagnosis condition	When power switch is ON
		Signal (terminal)	—
		Threshold	The calibration is not completed or the connected camera is different from the one when calibrated.
		Diagnosis delay time	2 seconds or more

**POSSIBLE CAUSE**

- Side camera RH
- Camera calibration is incomplete

**FAIL-SAFE**

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Sample