

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.

2021 NISSAN Qashqai Service and Repair Manual

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CONFIRMATION PROCEDURE

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. Turn the AEB system ON, and then wait for 5 seconds or more.
5. Perform “All DTC Reading” with CONSULT.
6. Check if the “C2580-4B” is detected as the current malfunction in “Self Diagnostic Result” of “LASER/RADAR”.

Is “C2580-4B” 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 distance sensor. Refer to [Removal and Installation](#).

NO >>

Repair cooling system.

Sample

DTC DETECTION LOGIC

DTC		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
C2580	55	Distance sensor (Distance sensor)	Diagnosis condition	When vehicle is READY
			Signal (terminal)	CAN communication signal
			Threshold	Configuration of the distance sensor is not completed
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

- Configuration of the distance sensor is not completed
- Distance sensor

FAIL-SAFE

The following systems are canceled.

- Vehicle-to-vehicle distance control mode^{*1}
- Conventional (fixed speed) cruise control mode^{*1}
- Steering wheel assistance function^{*1}
- Vehicle speed & vehicle-to-vehicle control function^{*2}
- Lane keep function^{*2,3}
- Lane keep function^{*2,4}
- Lane change support function^{*2}
- Overtaking support function^{*2}
- Route driving support function^{*2}
- AEB
- RAB
- I-FCW

*1: With ProPILOT Assist, Without ProPILOT Assist 2.0

*2: With ProPILOT Assist 2.0

*3: ProPILOT Assist 2.0 display is green

*4: ProPILOT Assist 2.0 display is blue

DTC CONFIRMATION PROCEDURE

1. PERFORM DTC CONFIRMATION PROCEDURE

1. Set the vehicle to READY.

2. Perform “All DTC Reading” with CONSULT.

3. Check if the “C2580-55” is detected as the current malfunction on the self-diagnosis results of “LASER/RADAR”.

Is “C2580-55” 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. PERFORM CONFIGURATION OF DISTANCE SENSOR

1. Perform configuration of the distance sensor. Refer to [Work Procedure](#)
2. Erases self-diagnosis results.
3. Perform DTC confirmation procedure again. Refer to [DTC Description](#).

Is DTC "C2580-55" detected?

YES >>

Replace the distance sensor. Refer to [Removal and Installation](#).

NO >>

INSPECTION END

Sample

DTC DETECTION LOGIC

DTC		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
C2584	02	Distance sensor (Distance sensor)	Diagnosis condition	When vehicle is READY
			Signal (terminal)	—
			Threshold	Distance sensor is malfunctioning
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

Distance sensor

FAIL-SAFE

The following systems are canceled.

- Vehicle-to-vehicle distance control mode*¹
- Conventional (fixed speed) cruise control mode*¹
- Steering wheel assistance function*¹
- Vehicle speed & vehicle-to-vehicle control function*²
- Lane keep function*^{2,3}
- Lane keep function*^{2,4}
- Lane change support function*²
- Overtaking support function*²
- Route driving support function*²
- AEB
- RAB
- I-FCW

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CONFIRMATION PROCEDURE

1. CHECK DTC PRIORITY

If DTC "C2584-02" is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?

YES>>

Perform diagnose 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 “C2584-02” is detected as the current malfunction in “Self Diagnostic Result” of “LASER/RADAR”.

Is “C2584-02” 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 DTC PRIORITY

If DTC “C2584-02” is displayed with Network-DTC, first diagnose the Network-DTC.

Is applicable DTC detected?

YES>>

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

NO>>

Replace the distance sensor. Refer to [Removal and Installation](#).

Sample

DTC DETECTION LOGIC

DTC		CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
C2581	92	Distance sensor (Distance sensor)	Diagnosis condition	<ul style="list-style-type: none"> When vehicle is READY When AEB system is ON
			Signal (terminal)	—
			Threshold	Radar of distance sensor is off the aiming point
			Diagnosis delay time	30 seconds or more



NOTE:

When driving is continued while snow is adhered to distance sensor, "C2581-92" may be detected.

POSSIBLE CAUSE

Radar is off the aiming point

FAIL-SAFE

The following systems are canceled.

- Vehicle-to-vehicle distance control mode^{*1}
- Conventional (fixed speed) cruise control mode^{*1}
- Steering wheel assistance function^{*1}
- Vehicle speed & vehicle-to-vehicle control function^{*2}
- Lane keep function^{*2,3}
- Lane keep function^{*2,4}
- Lane change support function^{*2}
- Overtaking support function^{*2}
- Route driving support function^{*2}
- AEB
- RAB
- I-FCW

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