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2022 NISSAN 370Z Coupe Service and Repair Manual

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DTC DETECTION LOGIC

DTC No.	CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
		Diagnosis condition	When power switch is ON.
C2573-97	Front camera unit	Signal (terminal)	-
		Threshold	<ul style="list-style-type: none"> • Configuration of the front camera unit is not completed. • If front camera unit is malfunctioning
		Diagnosis delay time	5 seconds or more

POSSIBLE CAUSE

- Configuration of the front camera unit is not completed
- Front camera unit

FAIL-SAFE

The following functions are suspended.

- Vehicle-to-vehicle distance control mode^{*1}
- Steering wheel assistance function^{*1}
- Conventional (fixed speed) cruise control mode^{*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
- LDW
- I-LI
- I-BSI
- TSR

*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

CONFIRMATION PROCEDURE

1. PERFORM DTC CONFIRMATION PROCEDURE

1. Turn the power switch ON, and then wait for 5 seconds or more.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “C2573-97” is detected as the current malfunction on the self-diagnosis results of “LANE CAMERA”.

Is “C2573-97” 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 SELF-DIAGNOSIS RESULTS

Check if any DTC other than “C2500-49”, “C2504-71”, “C2505-92”, “C2506-49”, “C2544-82”, “C2544-83”, “C2544-86”, “C2544-87”, “C2545-82”, “C2545-83”, “C2545-86”, “C2545-87”, “C2572-71”, “C2572-97”, “C2573-97”, and “C2575-92” 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 front camera unit. Refer to [Removal and Installation](#).

Sample

DTC DETECTION LOGIC

DTC No.	CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
		Diagnosis condition	When power switch is ON.
C2575-92	Front camera unit	Signal (terminal)	-
		Threshold	<ul style="list-style-type: none"> • Configuration of the front camera unit is not completed. • If front camera unit is malfunctioning
		Diagnosis delay time	5 seconds or more

POSSIBLE CAUSE

- Configuration of the front camera unit is not completed
- Front camera unit

FAIL-SAFE

The following functions are suspended.

- Vehicle-to-vehicle distance control mode^{*1}
- Steering wheel assistance function^{*1}
- Conventional (fixed speed) cruise control mode^{*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
- LDW
- I-LI
- I-BSI
- TSR

*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

CONFIRMATION PROCEDURE

1. PERFORM DTC CONFIRMATION PROCEDURE

1. Turn the power switch ON, and then wait for 5 seconds or more.
2. Perform “All DTC Reading” with CONSULT.
3. Check if the “C2575-92” is detected as the current malfunction on the self-diagnosis results of “LANE CAMERA”.

Is “C2575-92” 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 SELF-DIAGNOSIS RESULTS

Check if any DTC other than “C2500-49”, “C2504-71”, “C2505-92”, “C2506-49”, “C2544-82”, “C2544-83”, “C2544-86”, “C2544-87”, “C2545-82”, “C2545-83”, “C2545-86”, “C2545-87”, “C2572-71”, “C2572-97”, “C2573-97”, and “C2575-92” 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 front camera unit. Refer to [Removal and Installation](#).

Sample

DTC DETECTION LOGIC

DTC No.	CONSULT screen terms (Trouble diagnosis content)	DTC detection condition	
C2502-55	Configuration data error (Configuration data error)	Diagnosis condition	<ul style="list-style-type: none"> • When vehicle is READY • When AEB system is ON
		Signal (terminal)	CAN communication signal
		Threshold	Configuration of the front camera unit is incomplete
		Diagnosis delay time	5 seconds or more

POSSIBLE CAUSE

- Configuration of the front camera unit is not completed
- Front camera unit

FAIL-SAFE

The following functions are suspended.

- Vehicle-to-vehicle distance control mode^{*1}
- Steering wheel assistance function^{*1}
- Conventional (fixed speed) cruise control mode^{*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
- LDW
- I-LI
- I-BSI
- TSR

*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

CONFIRMATION PROCEDURE

1. PERFORM DTC CONFIRMATION PROCEDURE

1. Set the vehicle to READY.
2. Turn the AEB system ON, and then wait for 5 seconds or more.
3. Perform “All DTC Reading” with CONSULT.
4. Check if the “C2502-55” is detected as the current malfunction on the self-diagnosis results of “LANE CAMERA”.

Is “C2502-55” 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 FRONT CAMERA UNIT

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

Is DTC "C2502-55" detected?

YES>>

Replace front camera unit. Refer to [Removal and Installation](#)(Without ProPILOT Assist 2.0) or [Removal and Installation](#)(With ProPILOT Assist 2.0).

NO>>

INSPECTION END

Sample