

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.

2018 NISSAN 370Z Coupe OEM Service and Repair Workshop Manual

[Go to manual page](#)

1. PERFORM TROUBLE DIAGNOSIS FOR CAN COMMUNICATION SYSTEM

Perform trouble diagnosis for CAN communication system. Refer to [Trouble Diagnosis Flow Chart](#).

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INSPECTION END

Sample

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
U2A0B	88	Comm Bus Off CH2-CAN	Diagnosis condition	When vehicle is READY
			Signal (terminal)	CAN communication signal
			Threshold	Power network separate relay cannot receive/transmit CAN communication signal
			Diagnosis delay time	2 seconds or more


NOTE:

When DTC "U2A0B-88" is detected, perform first diagnosis for CAN communication system.

POSSIBLE CAUSE

CAN communication system

FAIL-SAFE

The following systems are canceled.

- Vehicle speed/vehicle-to-vehicle distance control mode function
- Lane keeping function *1
- Lane keeping function *2
- Lane change support function
- Overtaking support function
- Route driving support function

*1: ProPILOT Assist 2.0 display is green

*2: ProPILOT Assist 2.0 display is blue

1. CHECK DTC PRIORITY

If DTC "U2A0B-88" is displayed with network DTC, first perform the trouble diagnosis for network DTC.

Is applicable DTC detected?

YES>>

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

NO>>

[GO TO 2.](#)

2. DTC CONFIRMATION PROCEDURE

1. Set vehicle to READY and wait 2 seconds or more.
2. Perform "All DTC Reading" with CONSULT.
3. Check if "U2A0B-88" is detected as current malfunction in self-diagnosis result of "PNS relay".

Is DTC "U2A0B-88" detected as 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. PERFORM TROUBLE DIAGNOSIS FOR CAN COMMUNICATION SYSTEM

Perform trouble diagnosis for CAN communication system. Refer to [Trouble Diagnosis Flow Chart](#).

>>

INSPECTION END

Sample

DTC DETECTION LOGIC

DTC		CONSULT screen terms	DTC detection condition	
B23C0	04	Power network separate relay	Diagnosis condition	When vehicle is READY
			Signal (terminal)	—
			Threshold	Power network separate relay internal error
			Diagnosis delay time	1 second or less

POSSIBLE CAUSE

Power network separate relay

FAIL-SAFE

The following systems are canceled.

- Vehicle speed/vehicle-to-vehicle distance control mode function
- Lane keeping function *1
- Lane keeping function *2
- Lane change support function
- Overtaking support function
- Route driving support function

*1: ProPILOT Assist 2.0 display is green

*2: ProPILOT Assist 2.0 display is blue

1. CHECK DTC PRIORITY

If DTC "B23C0-04" is displayed with network DTC, first perform the trouble diagnosis for network DTC.

Is applicable DTC detected?

YES>>

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

NO>>

[GO TO 2.](#)

2. DTC CONFIRMATION PROCEDURE

1. Set vehicle to READY.
2. Perform "All DTC Reading" with CONSULT.
3. Check if "B23C0-04" is detected as current malfunction in self-diagnosis result of "PNS Relay".

Is DTC "B23C0-04" detected as 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 "B23C0-04" is displayed with network DTC, first perform the trouble diagnosis for network DTC.

Is applicable DTC detected?

YES>>

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

NO>>

Replace power network separate relay. Refer to [Removal and Installation](#).

Sample

Wiring Diagram

Click link to [Wiring Diagram](#)

Sample

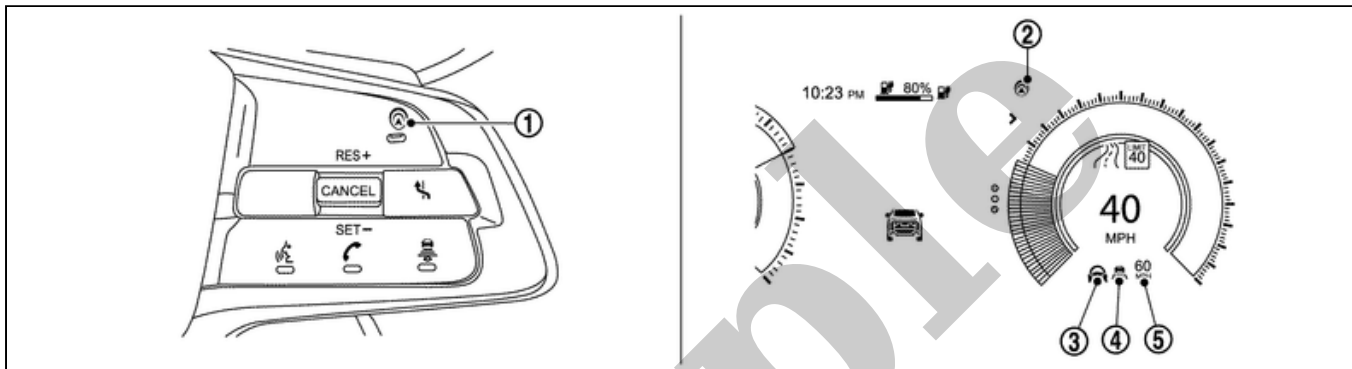
After repairing the malfunction symptom of ProPILOT Assist 2.0, perform an operation check of ProPILOT Assist 2.0 and check that ProPILOT Assist 2.0 operates normally.

CAUTION:

Always drive safely when performing the action test.

1. CHECK FOR ProPILOT ASSIST 2.0 SWITCH

1. Set the vehicle to READY.
2. Press the ProPILOT Assist 2.0 switch ① (less than 1.5 seconds).



SIEMD-7109073-01-000426180

Information display status		
ProPILOT Assist 2.0 status indicator ②	:	ON (gray)
Steering assist indicator/warning ③	:	ON (gray)
Set distance indicator ④	:	Long mode
Set vehicle speed indicator ⑤	:	“_____” “MPH”

3. Check that the vehicle information display in the combination meter is in the set standby status.
4. Press ProPILOT Assist 2.0 switch and check that ProPILOT Assist 2.0 operating lamp turns OFF when ProPILOT Assist 2.0 is turned OFF.
5. When the vehicle is set to READY again, make sure that ProPILOT Assist 2.0 operating lamp is OFF.

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[GO TO 2.](#)

2. CHECK FOR DISTANCE SWITCH

1. Set the vehicle to READY.
2. Press the ProPILOT Assist 2.0 switch (less than 1.5 seconds).
3. Press the DISTANCE switch.
4. Check that the set distance indicator changes display in order of: (Long) → (Middle) → (Short).