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2006 NISSAN 350 Z OEM Service and Repair Workshop Manual

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DTC DETECTION LOGIC

DTC No.	CONSULT screen items	DTC Detection Condition	
		U2148-81	CAN communication error (brake control unit)
		Signal (terminal)	CAN communication signal
		Threshold	If air bag diagnosis sensor unit detects an error signal that is received from ABS actuator and electric unit (control unit) via CAN communication
		Diagnosis delay time	2 seconds or more.

POSSIBLE CAUSE

- ABS actuator and electric unit (control unit)
- Air bag diagnosis sensor unit

FAIL-SAFE

DTC CONFIRMATION PROCEDURE

1. CHECK DTC PRIORITY

If DTC U2148-81 is displayed with DTC U0073-00, first perform the trouble diagnosis for DTC U0073-00.

Is applicable DTC detected?

YES>>

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

NO>>

[GO TO 2.](#)

2. CHECK SELF-DIAG RESULT

 With CONSULT

1. Power switch ON.
2. Perform “Self Diagnostic Result” mode of “AIR BAG” using CONSULT.

Is malfunctioning part detected?

YES>>

Refer to [Diagnosis Procedure](#).

NO-1>>

To check malfunction symptom before repair: Refer to [Intermittent Incident](#).

NO-2>>

Confirmation after repair: INSPECTION END

Sample

WARNING:

- Before servicing, power switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK DTC PRIORITY

If DTC U2148-81 is displayed with DTC U0073-00, first perform the trouble diagnosis for DTC U0073-00.

Is applicable DTC detected?

YES>>

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

NO>>

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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 air bag diagnosis sensor unit. Refer to [Removal & Installation](#).

DTC DETECTION LOGIC

DTC No.	CONSULT screen items	DTC Detection Condition	
		U2148-83	CAN communication error (brake control unit)
		Signal (terminal)	CAN communication signal
		Threshold	Error signal that is received from ABS actuator and electric unit (control unit)
		Diagnosis delay time	2 seconds or more.

POSSIBLE CAUSE

- ABS actuator and electric unit (control unit)
- Air bag diagnosis sensor unit

FAIL-SAFE

DTC CONFIRMATION PROCEDURE

1. CHECK DTC PRIORITY

If DTC U2148-83 is displayed with DTC U0073-00, first perform the trouble diagnosis for DTC U0073-00.

Is applicable DTC detected?

YES>>

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

NO>>

[GO TO 2.](#)

2. CHECK SELF-DIAG RESULT

 With CONSULT

1. Power switch ON.

2. Perform “Self Diagnostic Result” mode of “AIR BAG” using CONSULT.

Is malfunctioning part detected?

YES>>

Refer to [Diagnosis Procedure](#).

NO-1>>

To check malfunction symptom before repair: Refer to [Intermittent Incident](#).

NO-2>>

Sample

WARNING:

- Before servicing, power switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK DTC PRIORITY

If DTC U2148-83 is displayed with DTC U0073-00, first perform the trouble diagnosis for DTC U0073-00.

Is applicable DTC detected?

YES>>

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

NO>>

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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 air bag diagnosis sensor unit. Refer to [Removal & Installation](#).

DTC DETECTION LOGIC

DTC No.	CONSULT screen items	DTC Detection Condition	
U214E-81	CAN communication error (combination meter)	Diagnosis condition	When power switch is ON.
		Signal (terminal)	CAN communication signal
		Threshold	If air bag diagnosis sensor unit detects an error signal that is received from combination meter via CAN communication
		Diagnosis delay time	2 seconds or more.

POSSIBLE CAUSE

- Combination meter
- Air bag diagnosis sensor unit

FAIL-SAFE

DTC CONFIRMATION PROCEDURE

1. CHECK DTC PRIORITY

If DTC U214E-81 is displayed with DTC U0073-00, first perform the trouble diagnosis for DTC U0073-00.

Is applicable DTC detected?

YES>>

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

NO>>

[GO TO 2.](#)

2. CHECK SELF-DIAG RESULT

 With CONSULT

1. Power switch ON.

2. Perform “Self Diagnostic Result” mode of “AIR BAG” using CONSULT.

Is malfunctioning part detected?

YES>>

Refer to [Diagnosis Procedure](#).

NO-1>>

To check malfunction symptom before repair: Refer to [Intermittent Incident](#).

NO-2>>

Confirmation after repair: INSPECTION END

Sample

WARNING:

- Before servicing, power switch OFF, disconnect battery negative terminal, and wait at least 3 minutes or more. (To discharge backup capacitor.)
- Never use unspecified tester or other measuring device.

1. CHECK DTC PRIORITY

If DTC U214E-81 is displayed with DTC U0073-00, first perform the trouble diagnosis for DTC U0073-00.

Is applicable DTC detected?

YES>>

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

NO>>

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2. CHECK COMBINATION METER SELF-DIAGNOSIS RESULTS

Check if any DTC is detected in “Self Diagnostic Result” of “METER/M&A”.

Is any DTC detected?

YES>>

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

NO>>

Replace air bag diagnosis sensor unit. Refer to [Removal & Installation](#).