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2006 NISSAN 350Z Roadster OEM Service and Repair Workshop Manual

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DTC DETECTION LOGIC

DTC No.	CONSULT screen items	DTC Detection Condition	
U214F-81	CAN communication error (BCM)	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 BCM via CAN communication
		Diagnosis delay time	2 seconds or more.

POSSIBLE CAUSE

- BCM
- Air bag diagnosis sensor unit

FAIL-SAFE

DTC CONFIRMATION PROCEDURE

1. CHECK DTC PRIORITY

If DTC U214F-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 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 U214F-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 BCM SELF-DIAGNOSIS RESULTS

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

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	
		U2152-81	CAN communication error (ADAS control unit)
		Signal (terminal)	CAN communication signal
		Threshold	If air bag diagnosis sensor unit detects an error signal that is received from ADAS control unit 2 via CAN communication
		Diagnosis delay time	2 seconds or more.

POSSIBLE CAUSE

- ADAS control unit 2
- Air bag diagnosis sensor unit

FAIL-SAFE

DTC CONFIRMATION PROCEDURE

1. CHECK DTC PRIORITY

If DTC U2152-81 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 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 U2152-81 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 ADAS CONTROL UNIT 2 SELF-DIAGNOSIS RESULTS

Check if any DTC is detected in “Self Diagnostic Result” of “ICC/ADAS 2”.

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	
U215B-81	CAN communication error (IPDM E/R)	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 IPDM E/R via CAN communication
		Diagnosis delay time	2 seconds or more.

POSSIBLE CAUSE

- IPDM E/R
- Air bag diagnosis sensor unit

FAIL-SAFE

DTC CONFIRMATION PROCEDURE

1. CHECK DTC PRIORITY

If DTC U215B-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 U215B-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 IPDM E/R SELF-DIAGNOSIS RESULTS

Check if any DTC is detected in “Self Diagnostic Result” of “IPDM E/R”.

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](#).