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2018 Nissan Rogue Sport Service and Repair Manual

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DTC Diagnosis Procedure

SIEMD-7268447

Refer to [Trouble Diagnosis Flow Chart](#).

Sample

DTC DETECTION LOGIC

DTC No.		CONSULT screen terms	DTC detection condition	
C1B92	82	Brake control system	Diagnosis condition	When power switch is ON.
			Signal (terminal)	CAN communication signal
			Threshold	ABS actuator and electric unit (control unit) system is malfunctioning
			Diagnosis delay time	2 seconds or more

POSSIBLE CAUSE

ABS actuator and electric unit (control unit)

FAIL-SAFE

The following functions are suspended.

- Intelligent trace control function
- Automatic brake hold function
- e-Step function

1. PRECONDITIONING

If “Confirmation Procedure” has been previously conducted, always power switch OFF (auto ACC function OFF) and wait at least 10 seconds before conducting the next test.

>>

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2. CHECK DTC DETECTION

 With CONSULT

1. Power switch OFF (auto ACC function OFF) to ON.

CAUTION:

Be sure to wait of 10 seconds after power switch OFF (auto ACC function OFF) or ON.

2. Perform self-diagnosis for “CHASSIS CONTROL”.

Is DTC “C1B92-82” detected?

YES-1>>

"CRNT" is displayed: Refer to [DTC Diagnosis Procedure](#).

YES-2>>

"PAST" is displayed: INSPECTION END (Erase the memory of self-diagnosis results.)

NO-1>>

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

NO-2>>

Confirmation after repair: INSPECTION END

1. CHECK ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT) SYSTEM

 With CONSULT

Perform self-diagnosis for "ABS".

Is DTC detected?

YES>>

Check the DTC. Refer to [DTC Index](#).

NO>>

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2. ERASE SELF-DIAGNOSIS RESULT

 With CONSULT

1. Erase self-diagnosis result for "CHASSIS CONTROL".
2. Power switch OFF and wait for 10 seconds or more.

>>

INSPECTION END

DTC DETECTION LOGIC

DTC No.		CONSULT screen terms	DTC detection condition	
C1B92	86	Brake control system	Diagnosis condition	When power switch is ON.
			Signal (terminal)	CAN communication signal
			Threshold	ABS actuator and electric unit (control unit) system is malfunctioning
			Diagnosis delay time	2 seconds or more

POSSIBLE CAUSE

ABS actuator and electric unit (control unit)

FAIL-SAFE

The following functions are suspended.

- Intelligent trace control function
- Automatic brake hold function
- e-Step function

1. PRECONDITIONING

If "Confirmation Procedure" has been previously conducted, always power switch OFF (auto ACC function OFF) and wait at least 10 seconds before conducting the next test.

>>

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2. CHECK DTC DETECTION

 With CONSULT

1. Power switch OFF (auto ACC function OFF) to ON.

CAUTION:

Be sure to wait of 10 seconds after power switch OFF (auto ACC function OFF) or ON.

2. Perform self-diagnosis for "CHASSIS CONTROL".

Is DTC "C1B92-86" detected?

YES-1>>

"CRNT" is displayed: Refer to [DTC Diagnosis Procedure](#).

YES-2>>

"PAST" is displayed: INSPECTION END (Erase the memory of self-diagnosis results.)


NO-1>>

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

NO-2>>

Confirmation after repair: INSPECTION END

1. CHECK ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT) SYSTEM

 With CONSULT

Perform self-diagnosis for "ABS".

Is DTC detected?

YES>>

Check the DTC. Refer to [DTC Index](#).

NO>>

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2. ERASE SELF-DIAGNOSIS RESULT

 With CONSULT

1. Erase self-diagnosis result for "CHASSIS CONTROL".
2. Power switch OFF and wait for 10 seconds or more.

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INSPECTION END

DTC DETECTION LOGIC

DTC No.		CONSULT screen terms	DTC detection condition	
U2143	57	CAN communication error (VCM/HCM/EVC/HEVC)	Diagnosis condition	—
			Signal (terminal)	—
			Threshold	MAC communication error.
			Diagnosis delay time	—

POSSIBLE CAUSE

- Chassis control module used in vehicles is installed in the vehicle
- Chassis control module
- VCM

FAIL-SAFE

Normal control

1. CHECK DTC PRIORITY

If DTC "U2143-57" is displayed with DTC "U1327-52" or DTC "U1327-54", first perform the trouble diagnosis for DTC "U1327-52" or DTC "U1327-54".

Is DTC "U1327-52" or DTC "U1327-54" detected?

YES>>

- U1327-52: Refer to [DTC Description](#).
- U1327-54: Refer to [DTC Description](#).

NO>>

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2. CHECK MAC DIAGNOSIS

1. Power switch ON.
2. Perform "MAC Diagnosis" mode of "CHASSIS CONTROL" using CONSULT.

Is DTC "U2143-57" detected?

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