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2018 Nissan Kicks Service and Repair Manual

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When a malfunction occurs in the chassis control module, the master warning lamp turns ON and an interrupt is displayed on the information display of the combination meter.

DTC	Fail-safe condition
C1B80-54	The following functions are suspended. <ul style="list-style-type: none"> • Intelligent trace control function • Automatic brake hold function
C1B81-55	<ul style="list-style-type: none"> • Drive mode selector function • e-Step function
C1B8B-82	Normal control
C1B8C-82	
C1B8D-82	
C1B8F-82	The following functions are suspended. <ul style="list-style-type: none"> • Automatic brake hold function
C1B90-82	Normal control
C1B92-82	The following functions are suspended. <ul style="list-style-type: none"> • Intelligent trace control function • Automatic brake hold function • e-Step function
C1B92-86	
C1B93-82	
C1B93-86	
C1B94-82	The following functions are suspended. <ul style="list-style-type: none"> • Automatic brake hold function • e-Step function
C1B94-86	The following functions are suspended. <ul style="list-style-type: none"> • Automatic brake hold function
C1B96-82	Normal control
C1B96-86	
C1B97-82	The following functions are suspended. <ul style="list-style-type: none"> • Automatic brake hold function • e-Step function
C1BA1-82	Normal control
C1BB4-44	The following functions are suspended. <ul style="list-style-type: none"> • Intelligent trace control function • Automatic brake hold function • Drive mode selector function
C1BB4-45	
C1BB4-46	
C1BB4-49	

DTC	Fail-safe condition
C1BC9-82	<ul style="list-style-type: none"> • e-Step function The following functions are suspended.
C1BCA-82	<ul style="list-style-type: none"> • e-Step function
C1BCC-97	The following functions are suspended. <ul style="list-style-type: none"> • Intelligent trace control function • e-Step function
U0076-00	The following functions are suspended.* <ul style="list-style-type: none"> • Intelligent trace control function • Automatic brake hold function • Drive mode selector function
U007A-00	The following functions are suspended.* <ul style="list-style-type: none"> • Intelligent trace control function
U1327-52	<ul style="list-style-type: none"> • Automatic brake hold function
U1327-54	<ul style="list-style-type: none"> • Drive mode selector function • e-Step function
U1A30-83	The following functions are suspended. <ul style="list-style-type: none"> • e-Step function
U1A31-83	
U2118-87	
U2143-57	Normal control
U2143-83	The following functions are suspended. <ul style="list-style-type: none"> • Intelligent trace control function
U2143-87	<ul style="list-style-type: none"> • Automatic brake hold function • e-Step function
U214E-87	The following functions are suspended. <ul style="list-style-type: none"> • Drive mode selector function
U214F-57	Normal control
U214F-83	The following functions are suspended. <ul style="list-style-type: none"> • Automatic brake hold function • e-Step function
U214F-87	The following functions are suspended. <ul style="list-style-type: none"> • Automatic brake hold function • e-Step function
U2152-57	Normal control

DTC	Fail-safe condition
U2152-83	
U2152-87	
U2154-87	<p>The following functions are suspended.</p> <ul style="list-style-type: none"> • Drive mode selector function
U215B-83	<p>The following functions are suspended.</p> <ul style="list-style-type: none"> • Automatic brake hold function
U215B-87	<p>The following functions are suspended.</p> <ul style="list-style-type: none"> • Drive mode selector function
U2165-57	Normal control
U2165-83	
U2165-87	
U218B-83	
U218B-87	
U2248-83	<p>The following functions are suspended.</p> <ul style="list-style-type: none"> • Intelligent trace control function • Automatic brake hold function • e-Step function
U2248-87	
U2359-83	Normal control
U2359-87	
U2448-83	<p>The following functions are suspended.</p> <ul style="list-style-type: none"> • Intelligent trace control function
U2448-87	<p>The following functions are suspended.</p> <ul style="list-style-type: none"> • Intelligent trace control function • Drive mode selector function
U24A6-83	Normal control
U24A6-87	
U2543-83	<p>The following functions are suspended.</p> <ul style="list-style-type: none"> • Automatic brake hold function • e-Step function
U2543-87	
U2675-83	Normal control
U2675-87	
U2A03-88	<p>The following functions are suspended.*</p> <ul style="list-style-type: none"> • Intelligent trace control function • Automatic brake hold function

DTC	Fail-safe condition
	<ul style="list-style-type: none"> • Drive mode selector function • e-Step function
U2A0A-88	Normal control
U2A0B-88	<p>The following functions are suspended.*</p> <ul style="list-style-type: none"> • Intelligent trace control function • Drive mode selector function
U2A0E-88	<p>The following functions are suspended.*</p> <ul style="list-style-type: none"> • Intelligent trace control function • Automatic brake hold function • e-Step function

*: Depends on the DTC detection status

Sample

INTELLIGENT TRACE CONTROL FUNCTION

Chassis Control

Trace Control

SIEMD-16360728571760-01-000382341

No.	Switch name	Description
①	Intelligent trace control function setting screen [Combination meter (information display)]	The setting of intelligent trace control function can be switched ON and OFF.

DESIGN/PURPOSE

The warning message is displayed on the information display when “Chassis Control” detected the system malfunction.

Warning Message

Design	Warning message
—	Chassis Control System Error See Owner’s Manual

SYNCHRONIZATION WITH MASTER WARNING LAMP

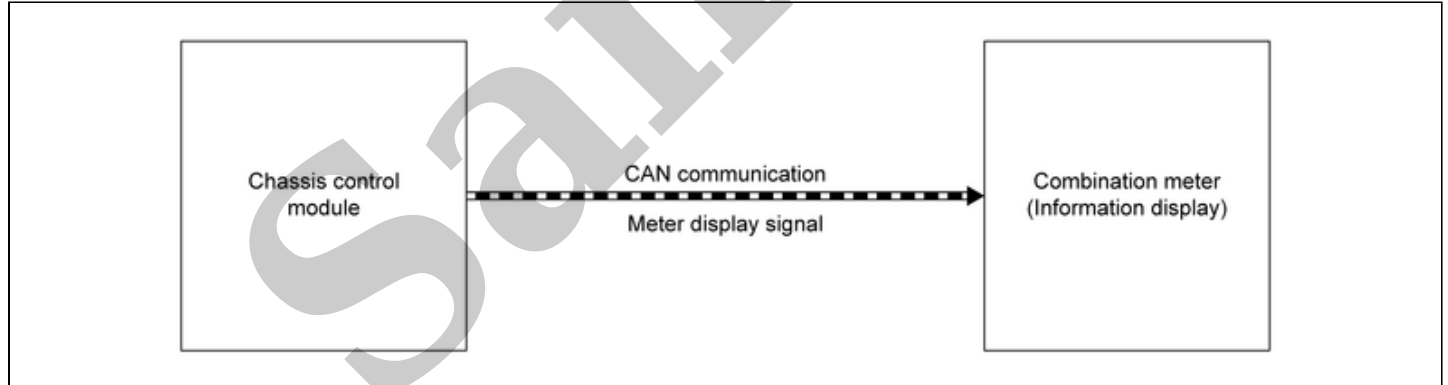
Applicable

Refer to [Master Warning Lamp](#).

SYNCHRONIZATION WITH WARNING CHIME

Not applicable

SYSTEM DIAGRAM



SIEMD-7267329-01-SFIA4258GB

SIGNAL PATH

- The chassis control module transmits the meter display signal to the combination meter via CAN communication.
- The combination meter shows the chassis control warning on the information display, according to the signal.

WARNING MESSAGE DISPLAY CONDITION

When all of the following conditions are satisfied.

- Power switch ON
- Chassis control system malfunction is detected. Refer to [DTC Index](#).

2WD MODELS

- This function senses driving based on the driver's steering and acceleration/braking patterns, and controls brake pressure at individual wheels to aid tracing at corners and help smooth vehicle response.
- When cornering, driver operation is reduced and vehicle behavior is smoothened.
- The intelligent trace control function can be turned ON/OFF by operating the steering switch.
- Amount of brake control is changed based on drive mode select switch.
- When the turn OFF the VDC function, intelligent trace control function is also turned OFF.
- When intelligent trace control function is not functioning properly, the master warning lamp illuminates, and warning message will also appear on information display.

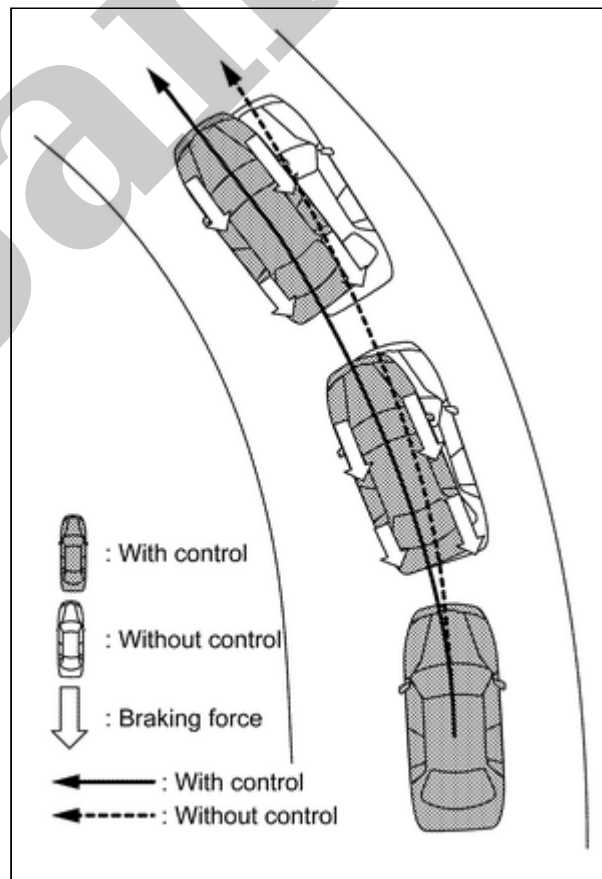


NOTE:

- **Intelligent trace control function is not always activated in any driving conditions.**
- **When the intelligent trace control function is activated, the driver may feel some vibration on the brake pedal, hear operating sound, or have feel of the deceleration. This is not a malfunction because it is caused by intelligent trace control function that is normally operated.**

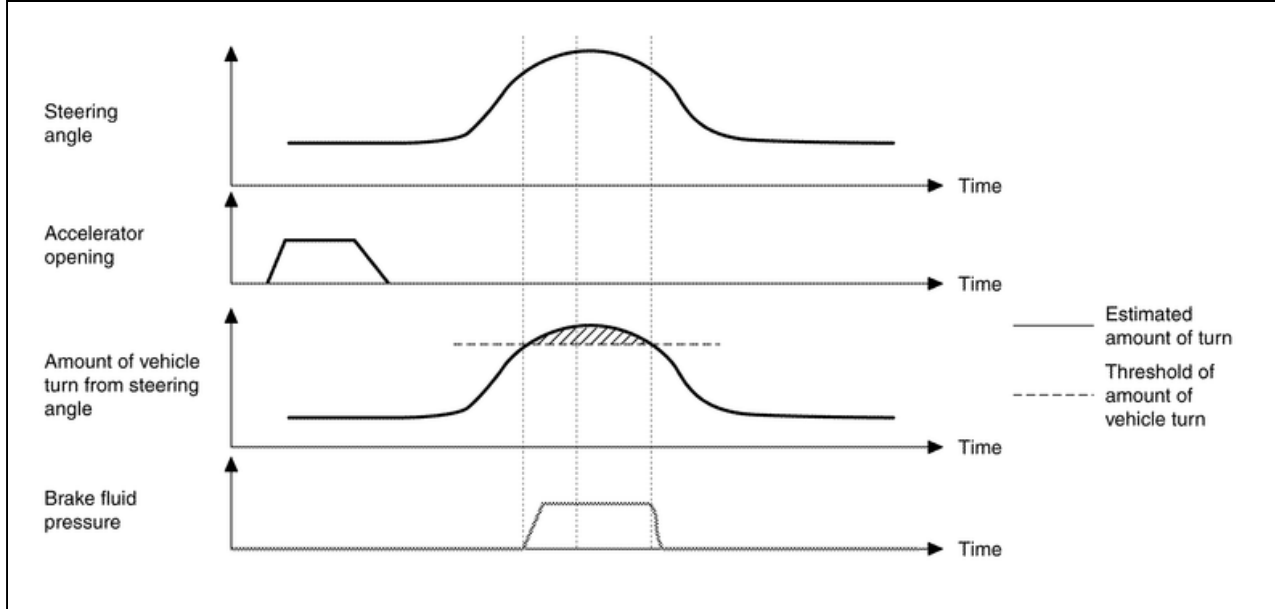
OPERATION CHARACTERISTICS

- Steady cornering - The change of forward and lateral acceleration is smoothened by applying the necessary amount of brake pressure.



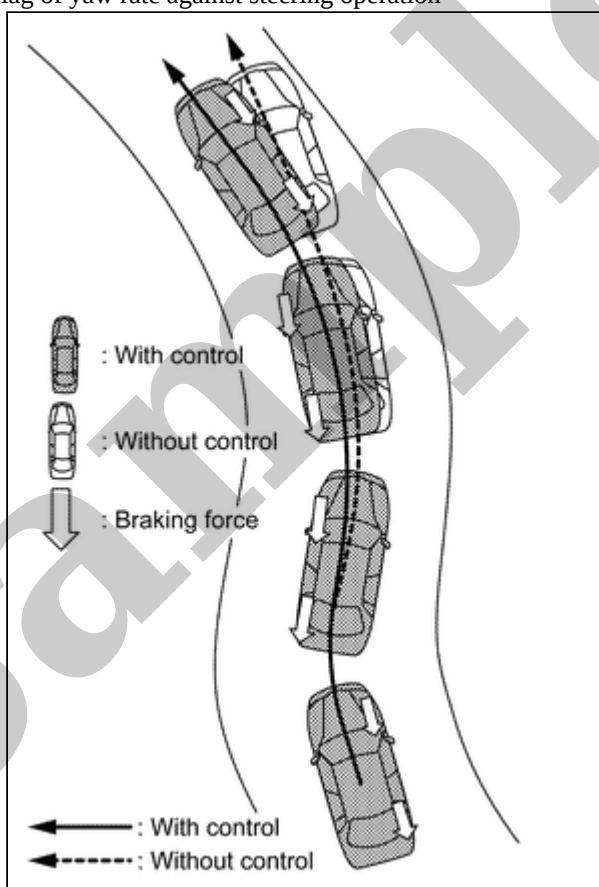
SIEMD-7267328-MD-16360732304770-01-000301436On-9829E6DD-000301436

- The brake is controlled according to the steering operation condition of the driver and the cornering condition of the vehicle.



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- Transient steering input - Reduces lag of yaw rate against steering operation



SIEMD-7267328-MD-16360732304770-03-000283519On-9829E716-000283519

- The brake is controlled according to the steering operation condition of the driver and the cornering condition of the vehicle.