

NO.6 DSC^{*2} OPERATES FREQUENTLY/DSC DOES NOT WORK CORRECTLY^{*2}: TCS/DSC INDICATOR LIGHT GOES ON AND OFF WHILE DSC OPERATES [DYNAMIC STABILITY CONTROL (DSC)]

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6	DSC^{*2} operates frequently DSC does not work correctly *2: TCS/DSC indicator light goes on and off while DSC operates
POSSIBLE CAUSE	<ul style="list-style-type: none"> • DSC HU/CM detected malfunction. (Input and output device malfunction) • There is a difference in size or air pressure between front or rear tires. • Poor installation with SAS control module (yaw rate sensor, low-G sensor) (If SAS control module is poorly installed, DSC may operate intermittently.) • When replacing DSC HU/CM initialization is not performed. (If initialization is not performed correctly, DSC may not work correctly.) • Incorrect ABS wheel speed sensor is inputted to DSC HU/CM.

Diagnostic procedure

STEP	INSPECTION	ACTION
1	CONFIRM DSC HU/CM DTC <ul style="list-style-type: none"> • Retrieve the DSC HU/CM DTC using the M-MDS (IDS). (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].) • Are any DTCs present? 	Yes Go to the applicable DTC inspection. (See ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)].)
		No Go to the next step.
2	VERIFY THAT SAS CONTROL MODULE IS INSTALLED <ul style="list-style-type: none"> • Verify that each sensor is installed. • Is SAS control module (yaw rate sensor, low-G sensor) securely installed? 	Yes Go to the next step.
		No Install the malfunctioning sensor securely.
3	VERIFY THAT BRAKE FLUID PRESSURE SENSOR IS INITIALIZED <ul style="list-style-type: none"> • Verify that each sensor is initialized. • Has the initialization for the DSC HU/CM been performed after replacing the DSC HU/CM and the SAS control module? 	Yes Go to the next step.
		No Perform the initialization procedure. (See DSC RELATED PARTS SENSOR INITIALIZATION PROCEDURE.)
4	INSPECT TIRE SIZE AND AIR PRESSURE <ul style="list-style-type: none"> • Inspect tire size and air pressure. • Tire size and air pressure as specified? 	Yes Go to the next step.
		No Replace with specified tires and adjust tire air pressure.
5*	INSPECT ABS WHEEL-SPEED SENSOR OUTPUT PULSE <ul style="list-style-type: none"> • Perform the Voltage Pattern Inspection for each ABS wheel-speed sensor. (See FRONT ABS WHEEL-SPEED SENSOR INSPECTION.) (See REAR ABS WHEEL-SPEED SENSOR INSPECTION [2WD].) (See REAR ABS WHEEL-SPEED SENSOR INSPECTION [4WD].) • Is the output voltage pattern normal? 	Yes Found malfunctioning part according to the "INTERMITTENT CONCERN TROUBLESHOOTING". (See PRECAUTION [DYNAMIC STABILITY CONTROL (DSC)].)
		No ABS wheel-speed sensor installation inspection: <ul style="list-style-type: none"> • Inspect the ABS wheel-speed sensor for looseness and confirm it is securely adhered. ABS sensor rotor installation inspection: <ul style="list-style-type: none"> • Inspect the ABS sensor rotor for poor installation. Repair or replace any malfunctioning parts according to the inspection result.

- When performing an asterisked (*) troubleshooting inspection, shake the wiring harness and connectors while doing the inspection to discover whether poor contact points are the cause of any intermittent malfunctions. If there is a problem, check to make sure connectors, terminals and wiring harness are connected correctly and undamaged.