

**ON-BOARD DIAGNOSTIC [DYNAMIC STABILITY CONTROL (DSC)]****Diagnostic procedure**

STEP	INSPECTION		ACTION
1	<b>INSPECT DSC FUSE CONDITION</b> <ul style="list-style-type: none"> <li>Is the DSC fuse (DSC P 30A) normal?</li> </ul>	Yes	Go to the next step.
		No	Replace the DSC fuse, then go to Step 6.
2	<b>VERIFY PUMP MOTOR OPERATION</b> <ul style="list-style-type: none"> <li>Turn the ignition switch to the LOCK position.</li> <li>Connect the M-MDS to the DLC-2.</li> <li>Turn the ignition switch to the ON position.</li> <li>Access PMP_MTR active command modes using the M-MDS.</li> <li>Does the pump motor operate?</li> </ul>	Yes	Go to the next step.
		No	Replace the DSC HU/CM, then go to Step 6. (See 04-15-9 DSC HU/CM REMOVAL/ INSTALLATION [R.H.D.] )
3	<b>INSPECT MOTOR RELAY POWER SUPPLY FOR OPEN CIRCUIT</b> <ul style="list-style-type: none"> <li>Turn the ignition switch to the LOCK position.</li> <li>Disconnect the DSC HU/CM connector.</li> <li>Inspect for continuity between DSC HU/CM terminal Y and the positive battery terminal.</li> <li>Is there continuity?</li> </ul>	Yes	Go to the next step.
		No	Repair or replace the wiring harness, then go to Step 6.
4	<b>INSPECT MOTOR RELAY POWER SUPPLY FOR SHORT CIRCUIT</b> <ul style="list-style-type: none"> <li>Inspect for continuity between DSC HU/CM terminal Y and body ground.</li> <li>Is there continuity?</li> </ul>	Yes	Repair or replace the wiring harness, then go to Step 6.
		No	Go to the next step.
5	<b>INSPECT PUMP MOTOR GROUND FOR OPEN CIRCUIT</b> <ul style="list-style-type: none"> <li>Inspect for continuity between DSC HU/CM terminal B and body ground.</li> <li>Is there continuity?</li> </ul>	Yes	Go to the next step.
		No	Repair or replace the wiring harness, then go to the next step.
6	<b>VERIFY THAT THE SAME DTC IS NOT PRESENT</b> <ul style="list-style-type: none"> <li>Reconnect all disconnected connectors.</li> <li>Clear the DTCs from the memory. (See 04-02B-2 ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)] )</li> <li>Start the engine and drive the vehicle at <b>10 km/h {6.2 mph} or more</b>.</li> <li>Are the same DTCs present?</li> </ul>	Yes	Repeat the inspection from Step 1. If the malfunction recurs, replace the DSC CM, then go to the next step. (See 04-15-9 DSC HU/CM REMOVAL/ INSTALLATION [R.H.D.] )
		No	Go to the next step.
7	<b>VERIFY THAT NO OTHER DTCS ARE PRESENT</b> <ul style="list-style-type: none"> <li>Are any other DTCs output?</li> </ul>	Yes	Go to the applicable DTC inspection. (See 04-02B-2 ON-BOARD DIAGNOSIS [DYNAMIC STABILITY CONTROL (DSC)] )
		No	DTC troubleshooting completed.

**DTC C0030:07/C0031:07/C0033:07/C0034:07/C0036:07/C0037:07/C0039:07/C003A:07 [DYNAMIC STABILITY CONTROL (DSC)]**

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**Note**

- When only the driving wheels are rotated while the vehicle is jacked up, DTCs C0037:07 and C003A:07 are input to the memory.

DTC	C0030:07 C0031:07 C0033:07 C0034:07 C0036:07 C0037:07 C0039:07 C003A:07	LF ABS sensor rotor LF ABS wheel-speed sensor/ABS sensor rotor RF ABS sensor rotor RF ABS wheel-speed sensor/ABS sensor rotor LR ABS sensor rotor LR ABS wheel-speed sensor/ABS sensor rotor RR ABS sensor rotor RR ABS wheel-speed sensor/ABS sensor rotor
DETECTION CONDITION	<ul style="list-style-type: none"> <li>C0030:07, C0033:07, C0036:07, C0039:07 — Periodic abnormality is detected in the signal wave pattern from the ABS wheel-speed sensors.</li> <li>C0031:07, C0034:07, C0037:07, C003A:07 — (1) The wheel-speed signal is not input or an extremely low wheel-speed signal is detected from any of the four wheels when driving at a vehicle speed of <b>10 km/h {6.2 mph} or more</b> — (2) A large, sudden change in the wheel speed-signal is detected. — (3) ABS control continues to operate for <b>28 s or more</b>.</li> </ul>	