

DTC	C1569 / 69	Lock Mechanism Release Incomplete
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CIRCUIT DESCRIPTION

The VGRS actuator contains a lock mechanism that mechanically locks the DC motor so the motor will not rotate if a failure occurs or when the engine is not running. The VGRS ECU supplies current to the lock solenoid to release the lock lever for VGRS operation.

When the VGRS ECU detects a malfunction in the lock mechanism, it turns the warning light on and records the DTC.

DTC No.	DTC Detecting Condition	Trouble Area
C1569/69	The system cannot start controlling because the actuator lock is not released.	• VGRS actuator

INSPECTION PROCEDURE

1	Is the power steering operating normal? (The steering effort is not heavy.)
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NO

Perform power steering check, because DTC may have occurred due to a faulty power steering system (See page [SR-12](#)).

YES

2	Check VGRS operation.
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PREPARATION:

Start the engine.

CHECK:

Check the number of turns of the steering wheel from lock to lock.

A: Approx. 2.4 turns

B: More than 2.4 turns

B

Replace the VGRS actuator.

A

Proceed to step 3.

3	Check for VGRS DTC C1569/69.
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PREPARATION:

- (a) Record and clear DTCs.
- (b) Turn the ignition switch OFF.
- (c) Start the engine.

CHECK:

Is DTC C1569/69 present?

YES

Replace the VGRS actuator.

NO

**No problem.
(Power steering may have caused the fault.)**