

DTC	C1567 / 67	Lock Mechanism Insertion Malfunction
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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
C1567 / 67	The system detects a malfunction in the actuator system.	• VGRS actuator • VGRS ECU

INSPECTION PROCEDURE

When DTC C1567/67 is output, the VGRS is faulty replace the VGRS actuator.

1	Record and clear VGRS DTCs.
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NEXT

2	Observe VGRS warning light.
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PREPARATION:

- (a) Turn the ignition switch OFF.
- (b) Start the engine.

CHECK:

VGRS warning light ON?

NO

No fault detected.

YES

Proceed to step 3.

3	Check for VGRS DTC C1567/67.
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CHECK:

Is VGRS DTC C1567/67 present?

NO**Check other recorded DTCs.****YES****Replace VGRS actuator.**