

RVM INDICATOR LIGHT (GREEN) DOES NOT ILLUMINATE [REAR VEHICLE MONITORING SYSTEM]

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Note

- If there is any vehicle malfunction complaint lodged by a customer, perform FOREWORD [REAR VEHICLE MONITORING SYSTEM] malfunction diagnosis according to the troubleshooting procedure.

Description

- The RVM indicator light (green) does not illuminate even though the RVM switch turns on after the ignition is switched ON.

Possible malfunction

- Rear vehicle monitoring control module (RH) does not recognize the RVM switch on/off status.
 - RVM switch malfunction (stuck switch, internal malfunction)
 - Rear vehicle monitoring control module (RH) malfunction
- Instrument cluster does not illuminate RVM indicator light (green).
 - Instrument cluster internal malfunction (RVM indicator light (green) illumination circuit disabled)

Diagnostic Procedure

Step	Inspection	Action
1	DETERMINE IF MALFUNCTION CAUSE IS RVM SWITCH OR RVM INDICATOR LIGHT (GREEN) RELATED <ul style="list-style-type: none">• Display the rear vehicle monitoring system PID MAIN_SW item using the M-MDS. (See PID/DATA MONITOR INSPECTION [REAR VEHICLE MONITORING SYSTEM].)• Turn the RVM switch on and off.• Does the PID MAIN_SW monitoring value turn on and off according to the RVM switch operation?	Yes Go to Step 3.
		No Go to the next step.
2	INSPECT RVM SWITCH <ul style="list-style-type: none">• Inspect the RVM switch. (See RVM SWITCH INSPECTION.)• Is the RVM switch normal?	Yes Go to the next step.
		No Replace the RVM switch. (See RVM SWITCH REMOVAL/INSTALLATION.)
3	DETERMINE IF MALFUNCTION CAUSE IS INSTRUMENT CLUSTER OR REAR VEHICLE MONITORING CONTROL MODULE (RH) <ul style="list-style-type: none">• Illuminate all the indicator lights and warning lights in the instrument cluster using the simulation function WL+IL in the M-MDS instrument cluster. (See ACTIVE COMMAND MODES INSPECTION [INSTRUMENT CLUSTER].)• Does the RVM indicator light (green) illuminate?	Yes Replace the rear vehicle monitoring control module (RH). (See REAR VEHICLE MONITORING CONTROL MODULE REMOVAL/INSTALLATION.)
		No Replace the instrument cluster. (See INSTRUMENT CLUSTER REMOVAL/INSTALLATION.)