

## RVM INDICATOR LIGHT (GREEN) DOES NOT TURN OFF WHEN REAR VEHICLE MONITORING SYSTEM IS OFF [REAR VEHICLE MONITORING SYSTEM]

id0903z7014000

### 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 turn off even though the RVM switch turns off 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 turn off RVM indicator light (green).
  - Instrument cluster internal malfunction (RVM indicator light (green) illumination circuit disabled)

### Diagnostic Procedure

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