

BRIGHTNESS LEVEL OF RVM WARNING INDICATOR LIGHTS IS TOO HIGH OR LOW [REAR VEHICLE MONITORING SYSTEM]

id0903z7014700

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 brightness level of the RVM warning indicator light is low in the daytime (headlights off) (correct level at night).
- The brightness level of the RVM warning indicator light is high at night (headlights on) (correct level in the daytime).

Possible malfunction

- The rear view monitoring control module (RH) cannot receive the TNS switch signal.
 - TNS switch (light switch) malfunction (stuck)
 - Instrument cluster malfunction
 - Rear vehicle monitoring control module malfunction

Diagnostic Procedure

Step	Inspection	Action
1	DETERMINE IF MALFUNCTION CAUSE IS RVM WARNING INDICATOR LIGHT ILLUMINATION CIRCUIT <ul style="list-style-type: none">• Monitor the following rear vehicle monitoring system PIDs using the M-MDS: (See PID/DATA MONITOR INSPECTION [REAR VEHICLE MONITORING SYSTEM].)<ul style="list-style-type: none">— OP_BRT_R— OP_BRT_L• Turn the headlight switch (TNS switch) on/off. <p>Note</p> <ul style="list-style-type: none">• While the headlights turned on, the PID monitoring value increases (brighter).• Does the PID display value change according to the operation of the headlight switch?	Yes Replace the rear vehicle monitoring control module (LH). (See REAR VEHICLE MONITORING CONTROL MODULE REMOVAL/INSTALLATION.)
		No Go to the next step.
2	INSPECT LIGHT SWITCH <ul style="list-style-type: none">• Inspect the light switch. (See LIGHT SWITCH INSPECTION.)• Is the light switch normal?	Yes Go to the next step.
		No Replace the light switch. (See LIGHT SWITCH REMOVAL/INSTALLATION.)
3	DETERMINE IF MALFUNCTION CAUSE IS INSTRUMENT CLUSTER OR REAR VEHICLE MONITORING CONTROL MODULE (RH) <ul style="list-style-type: none">• Display the instrument cluster PID I_ILLUMI_M item using the M-MDS. (See PID/DATA MONITOR INSPECTION [INSTRUMENT CLUSTER].)• Turn the headlight switch (TNS switch) on/off.• Does the PID/data monitor display switch normally?	Yes Replace the rear vehicle monitoring control module (LH). (See REAR VEHICLE MONITORING CONTROL MODULE REMOVAL/INSTALLATION.)
		No Replace the instrument cluster. (See INSTRUMENT CLUSTER REMOVAL/INSTALLATION.)