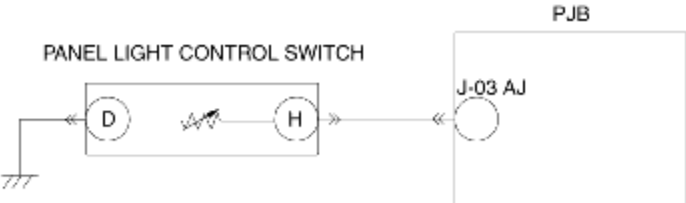


DTC B2212



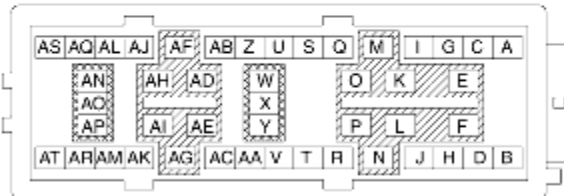
B3E090201072W35

DTC B2212	Panel light control circuit failure
DETECTION CONDITION	Input voltage from the panel light control switch is excessively low or high
POSSIBLE CAUSE	<ul style="list-style-type: none">• Open circuit in wiring harness between PJB terminal J-03 AJ and panel light control switch terminal H• Short to power supply in wiring harness between PJB terminal J-03 AJ and panel light control switch terminal H• Short to GND in wiring harness between PJB terminal J-03 AJ and panel light control switch terminal H• Panel light control switch malfunction• PJB malfunction

PANEL LIGHT CONTROL SWITCH WIRING HARNESS-SIDE CONNECTOR



PJB WIRING HARNESS-SIDE J-03 CONNECTOR



Diagnostic procedure

STEP	INSPECTION	ACTION
1	INSPECT PANEL LIGHT CONTROL SWITCH CONNECTOR <ul style="list-style-type: none"> • Turn the ignition switch off. • Disconnect the panel light control switch connector. • Inspect the panel light control switch connector terminals for poor connection (such as damaged/pulled-out pins, and corrosion). • Is there any malfunction? 	Yes Repair or replace the terminal, then go to Step 7.
		No Go to the next step.
2	INSPECT PJB CONNECTOR <ul style="list-style-type: none"> • Disconnect the PJB connector. • Inspect the PJB connector terminals for poor connection (such as damaged/pulled-out pins, and corrosion). • Is there any malfunction? 	Yes Repair or replace the terminal, then go to Step 7.
		No Go to the next step.
	INSPECT PANEL LIGHT CONTROL SWITCH CIRCUIT FOR OPEN CIRCUIT	Yes Go to the next step.

3	<ul style="list-style-type: none"> • Inspect for continuity between PJB terminal J-03 AJ (wiring harness-side) and panel light control switch terminal H (wiring harness-side). • Is there continuity? 	No	Repair or replace the wiring harness for a possible open circuit, then go to Step 7.
4	INSPECT PANEL LIGHT CONTROL SWITCH CIRCUIT FOR SHORT TO GND <ul style="list-style-type: none"> • Inspect for continuity between PJB terminal J-03 AJ (wiring harness-side) and body GND. • Is there continuity? 	Yes	Repair or replace the wiring harness for a possible short to GND, then go to Step 7.
		No	Go to the next step.
5	INSPECT PANEL LIGHT CONTROL SWITCH CIRCUIT FOR SHORT TO POWER SUPPLY <ul style="list-style-type: none"> • Turn the ignition switch to the ON position (Engine off). • Measure the voltage between PJB terminal J-03 AJ (wiring harness-side) and body GND. • Is the voltage B+? 	Yes	Repair or replace the wiring harness for a possible short to power supply, then go to Step 7.
		No	Go to the next step.
6	INSPECT PANEL LIGHT CONTROL SWITCH <ul style="list-style-type: none"> • Inspect the panel light control switch. (See PANEL LIGHT CONTROL SWITCH INSPECTION.) • Is there any malfunction? 	Yes	Replace the panel light control switch, then go to the next step. (See PANEL LIGHT CONTROL SWITCH REMOVAL/INSTALLATION.)
		No	Go to the next step.
7	VERIFY TROUBLESHOOTING COMPLETED <ul style="list-style-type: none"> • Make sure to reconnect all disconnected connectors. • Clear the DTC from the PJB memory using the WDS or equivalent. • Perform the self-test. (See PJB SELF-TEST.) • Is the same DTC present? 	Yes	Replace the PJB. (See PASSENGER JUNCTION BOX (PJB) REMOVAL/INSTALLATION.)
		No	DTC troubleshooting completed.