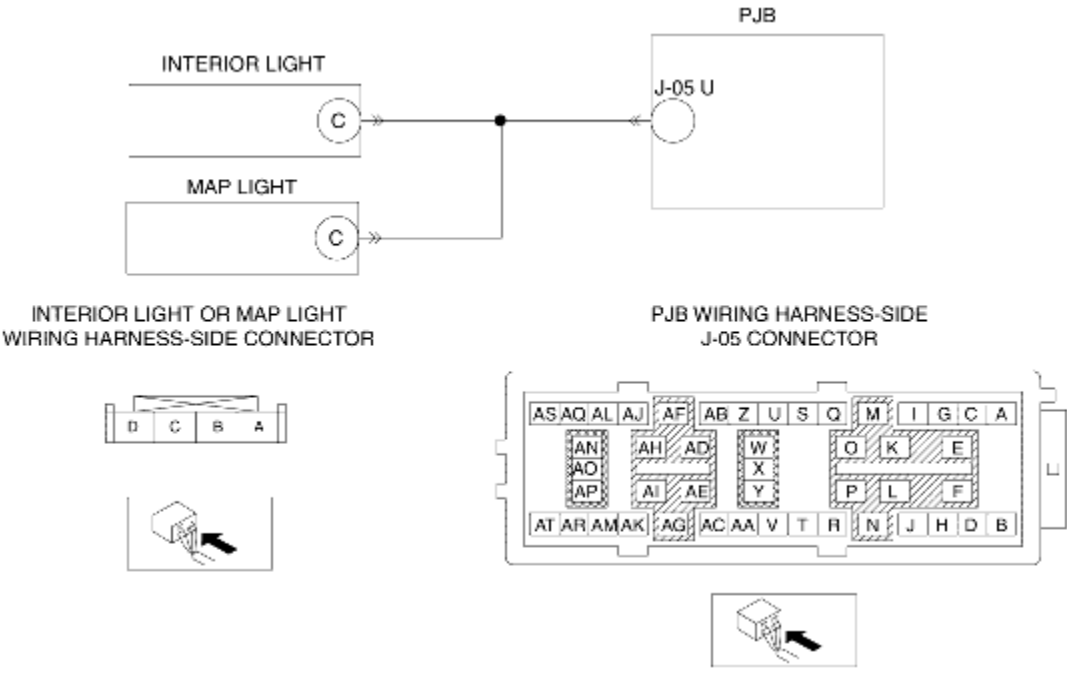


DTC B2555

B3E090201072W42

DTC B2555	Dome light output circuit short to battery
DETECTION CONDITION	Short to power supply in wiring harness between PJB and interior lights
POSSIBLE CAUSE	<ul style="list-style-type: none"> • Short to power supply in wiring harness between PJB terminal J-05 U and interior light terminal C • Short to power supply in wiring harness between PJB terminal J-05 U and map light terminal C • Interior light malfunction • Map light malfunction • PJB malfunction
 <p>The diagram illustrates the wiring for the dome light output circuit. It shows the Interior Light and Map Light wiring harness-side connectors, both with terminal C. These are connected to the PJB J-05 connector, specifically terminal U. A detailed view of the PJB J-05 connector terminal block is provided, showing terminals A through Z and U. The terminal block is a 2x12 grid. The top row contains terminals A through L, and the bottom row contains terminals M through Z. Terminal U is located between terminals T and V in the bottom row. The diagram also shows the physical connectors for the interior light and map light, with terminal C highlighted.</p>	

Diagnostic procedure

STEP	INSPECTION	ACTION
1	INSPECT INTERIOR LIGHT AND MAP LIGHT CONNECTORS <ul style="list-style-type: none"> • Turn the ignition switch off. • Disconnect the interior light and map light connectors. • Inspect the interior light and map light 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 5. 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 5. No: Go to the next step.
	INSPECT INTERIOR LIGHT AND MAP LIGHT	

3	CONTROL 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-05 U (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 5.
		No	Go to the next step.
4	INSPECT INTERIOR LIGHT AND MAP LIGHT <ul style="list-style-type: none"> • Inspect the interior light and map light. (See INTERIOR LIGHT INSPECTION, MAP LIGHT INSPECTION.) • Is there any malfunction? 	Yes	Replace the interior light or map light, then go to the next step. (See INTERIOR LIGHT REMOVAL/INSTALLATION , MAP LIGHT REMOVAL/INSTALLATION .)
		No	Go to the next step.
5	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.