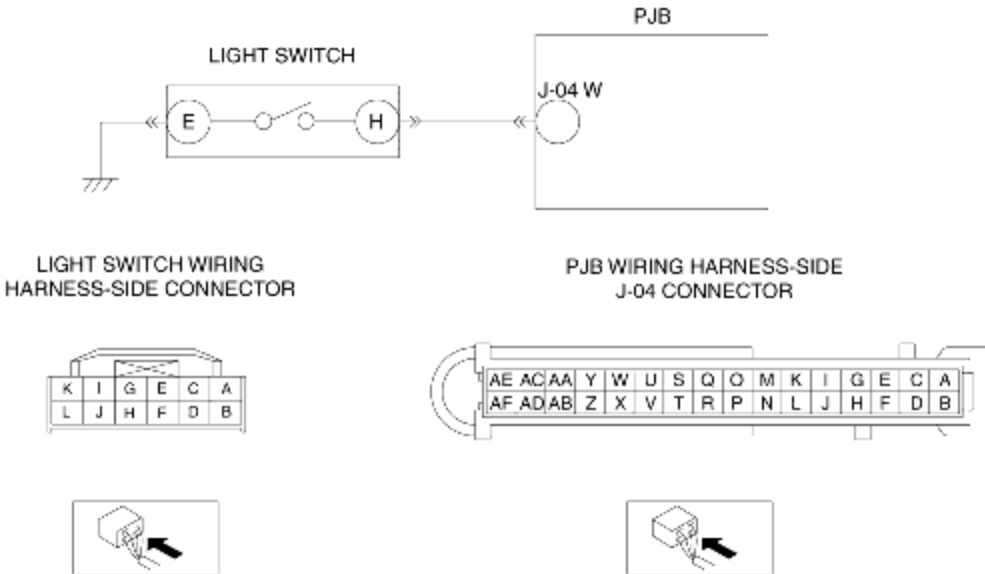


DTC B2254

B3E090201072W36

DTC B2254	Front fog light switch failure
DETECTION CONDITION	Short to GND in wiring harness between PJB and fog light switch
POSSIBLE CAUSE	<ul style="list-style-type: none"> • Short to GND in wiring harness between PJB terminal J-04 W and light switch terminal H • Light switch malfunction • PJB malfunction
	

Diagnostic procedure

STEP	INSPECTION	ACTION
1	INSPECT LIGHT SWITCH CONNECTOR <ul style="list-style-type: none"> • Disconnect the light switch connector. • Inspect the light 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 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.
3	INSPECT LIGHT SWITCH SIGNAL CIRCUIT FOR SHORT TO GND <ul style="list-style-type: none"> • Inspect for continuity between PJB terminal J-04 W (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 5.
		No Go to the next step.
4	INSPECT LIGHT SWITCH <ul style="list-style-type: none"> • Inspect the light switch. (See LIGHT SWITCH INSPECTION.) • Is there any malfunction? 	Yes Replace the light switch, then go to the next step. (See LIGHT SWITCH 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.