

DTC B1345

B3E090201072W12

DTC B1345	Heated backlite input circuit short to ground
DETECTION CONDITION	Short to GND in wiring harness between PJB and climate control unit (rear window defroster switch)
POSSIBLE CAUSE	<ul style="list-style-type: none"> • Short to GND in wiring harness between PJB terminal J-04 AD and climate control unit terminal R • Climate control unit malfunction • PJB malfunction

Diagnostic procedure

STEP	INSPECTION	ACTION
1	INSPECT CLIMATE CONTROL UNIT CONNECTOR <ul style="list-style-type: none"> • Disconnect the climate control unit connector. • Inspect the climate control unit 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 REAR WINDOW DEFROSTER SWITCH SIGNAL CIRCUIT FOR SHORT TO GND <ul style="list-style-type: none"> • Inspect for continuity between PJB terminal J-04 AD (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.
	INSPECT CLIMATE CONTROL UNIT <ul style="list-style-type: none"> • Inspect the climate control unit. 	Replace the climate control unit, then go to the next step. (See CLIMATE CONTROL UNIT REMOVAL)

4	(See CLIMATE CONTROL UNIT INSPECTION [MANUAL AIR CONDITIONER].) • Is there any malfunction?	Yes	[MANUAL AIR CONDITIONER], CLIMATE CONTROL UNIT INSTALLATION [MANUAL AIR CONDITIONER].)
		No	Go to the next step.
5	VERIFY TROUBLESHOOTING COMPLETED • 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.