

DTC B2259

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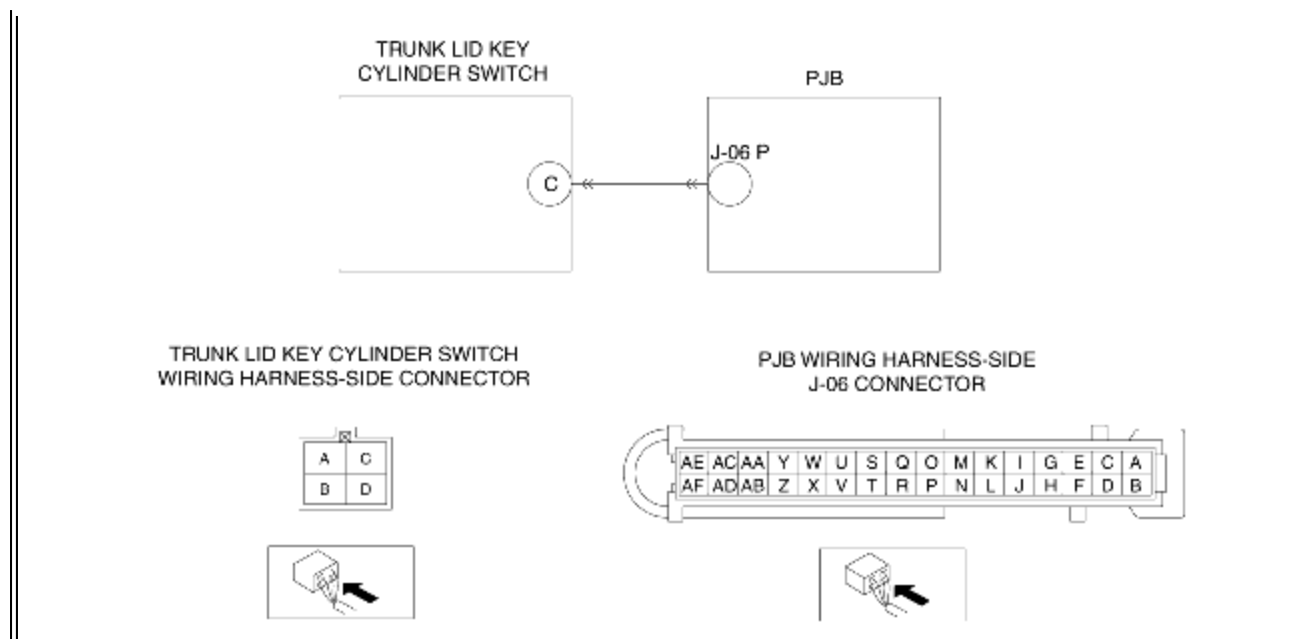
DTC B2259	Front wiper variable intermittent switch circuit failure Intermittent wiper circuit short to ground
DETECTION CONDITION	<ul style="list-style-type: none"> • Input voltage from the windshield wiper and washer switch (INT volume or sensitivity adjustment volume) is excessively low or high • Short to GND in wiring harness between PJB and windshield wiper and washer switch (INT)
POSSIBLE CAUSE	<ul style="list-style-type: none"> • Open circuit in wiring harness between PJB terminal J-04 U and windshield wiper and washer switch terminal G • Short to power supply in wiring harness between PJB terminal J-04 U and windshield wiper and washer switch terminal G • Short to GND in wiring harness between PJB terminal J-04 U and windshield wiper and washer switch terminal G • Short to GND in wiring harness between PJB terminal J-04 E and windshield wiper and washer switch terminal D • Windshield wiper and washer switch malfunction • PJB malfunction
<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>WINDSHIELD WIPER AND WASHER SWITCH</p> <p>WINDSHIELD WIPER AND WASHER SWITCH WIRING HARNESS-SIDE CONNECTOR</p> </div> <div style="text-align: center;"> <p>PJB</p> <p>PJB WIRING HARNESS-SIDE J-04 CONNECTOR</p> </div> </div>	

Diagnostic procedure

STEP	INSPECTION	ACTION
1	INSPECT WINDSHIELD WIPER AND WASHER SWITCH CONNECTOR <ul style="list-style-type: none"> • Turn the ignition switch off. • Disconnect the windshield wiper and washer switch connector. • Inspect the windshield wiper and washer 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 8.
		No Go to the next step.
	INSPECT PJB CONNECTOR <ul style="list-style-type: none"> • Disconnect the PJB connector. • Inspect the PJB connector terminals for poor 	Yes Repair or replace the terminal, then go to Step 8.

2	connection (such as damaged/pulled-out pins, and corrosion). • Is there any malfunction?	No	Go to the next step.
3	INSPECT WINDSHIELD WIPER AND WASHER SWITCH CIRCUIT FOR OPEN CIRCUIT • Inspect for continuity between PJB terminal J-04 U (wiring harness-side) and windshield wiper and washer switch terminal G (wiring harness-side). • Is there continuity?	Yes	Go to the next step.
		No	Repair or replace the wiring harness for a possible open circuit, then go to Step 8.
4	INSPECT WINDSHIELD WIPER AND WASHER SWITCH CIRCUIT FOR SHORT TO GND • Inspect for continuity between PJB terminal J-04 U (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 8.
		No	Go to the next step.
5	INSPECT WINDSHIELD WIPER AND WASHER SWITCH CIRCUIT FOR SHORT TO POWER SUPPLY • Turn the ignition switch to the ON position (Engine off). • Measure the voltage between PJB terminal J-04 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 8.
		No	Go to the next step.
6	INSPECT WINDSHIELD WIPER AND WASHER SWITCH CIRCUIT FOR SHORT TO GND • Inspect for continuity between PJB terminal J-04 E (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 8.
		No	Go to the next step.
7	INSPECT WINDSHIELD WIPER AND WASHER SWITCH • Inspect the windshield wiper and washer switch. (See WINDSHIELD WIPER AND WASHER SWITCH INSPECTION.) • Is there any malfunction?	Yes	Replace the windshield wiper and washer switch, then go to the next step. (See WIPER AND WASHER SWITCH REMOVAL/INSTALLATION.)
		No	Go to the next step.
8	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.

DTC B2259	Trunk lid lock/unlock switch circuit failure
DETECTION CONDITION	Short to GND in wiring harness between PJB and trunk lid key cylinder switch
POSSIBLE CAUSE	<ul style="list-style-type: none"> • Short to GND in wiring harness between PJB terminal J-06 P and trunk lid key cylinder switch terminal C • Trunk lid key cylinder switch malfunction • PJB malfunction



Diagnostic procedure

STEP	INSPECTION		ACTION
1	INSPECT TRUNK LID KEY CYLINDER SWITCH CONNECTOR <ul style="list-style-type: none"> Disconnect the trunk lid key cylinder switch connector. Inspect the trunk lid key cylinder 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 TRUNK LID KEY CYLINDER SWITCH SIGNAL CIRCUIT FOR SHORT TO GND <ul style="list-style-type: none"> Inspect for continuity between PJB terminal J-06 P (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 TRUNK LID KEY CYLINDER SWITCH <ul style="list-style-type: none"> Inspect the trunk lid key cylinder switch. (See TRUNK LID KEY CYLINDER SWITCH INSPECTION.) Is there any malfunction? 	Yes	Replace the trunk lid key cylinder switch, then go to the next step. (See TRUNK LID KEY CYLINDER 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.