

DTC B2114

B3E090201072W31

DTC B2114	Front washer switch input circuit short to battery
DETECTION CONDITION	Short to power supply in wiring harness between PJB and windshield wiper and washer switch (front washer)
POSSIBLE CAUSE	<ul style="list-style-type: none"> • Short to power supply in wiring harness between PJB terminal J-03 B and windshield wiper and washer switch terminal A • Windshield wiper and washer switch malfunction • PJB malfunction

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 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 WINDSHIELD WIPER AND WASHER SWITCH SIGNAL CIRCUIT FOR SHORT TO POWER SUPPLY <ul style="list-style-type: none"> • Turn the ignition switch to the ON position (Engine off). 	Yes Repair or replace the wiring harness for a possible short to power supply, then go to Step 5.

	<ul style="list-style-type: none"> • Measure the voltage between PJB terminal J-03 B (wiring harness-side) and body GND. • Is the voltage B+? 	No	Go to the next step.
4	INSPECT WINDSHIELD WIPER AND WASHER SWITCH <ul style="list-style-type: none"> • 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.
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.