

DTC C1189

B3E090201072W51

DTC C1189	Brake fluid level sensor input circuit open
DETECTION CONDITION	Open circuit in wiring harness between PJB and brake fluid level sensor
POSSIBLE CAUSE	<ul style="list-style-type: none"> • Open circuit in wiring harness between PJB terminal J-01 AL and brake fluid level sensor terminal B • Open circuit in wiring harness between brake fluid level sensor terminal A and body GND • Brake fluid level sensor malfunction • PJB malfunction

Diagnostic procedure

STEP	INSPECTION	ACTION
1	INSPECT BRAKE FLUID LEVEL SENSOR CONNECTOR <ul style="list-style-type: none"> • Turn the ignition switch off. • Disconnect the brake fluid level sensor connector. • Inspect the brake fluid level sensor 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 BRAKE FLUID LEVEL SENSOR SIGNAL CIRCUIT FOR OPEN CIRCUIT <ul style="list-style-type: none"> • Inspect for continuity between following terminals: 	Yes Go to the next step.

3	<ul style="list-style-type: none"> - PJB terminal J-01 AL (wiring harness-side) - brake fluid level sensor terminal B (wiring harness-side) - Brake fluid level sensor terminal A (wiring harness-side) - body GND <ul style="list-style-type: none"> • Is there continuity? 	No	Repair or replace the wiring harness for a possible open circuit, then go to Step 5.
4	INSPECT BRAKE FLUID LEVEL SENSOR <ul style="list-style-type: none"> • Inspect the brake fluid level sensor. (See BRAKE FLUID LEVEL SENSOR INSPECTION.) • Is there any malfunction? 	Yes	Replace the brake fluid level sensor, then go to the next step.
		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	Troubleshooting completed.