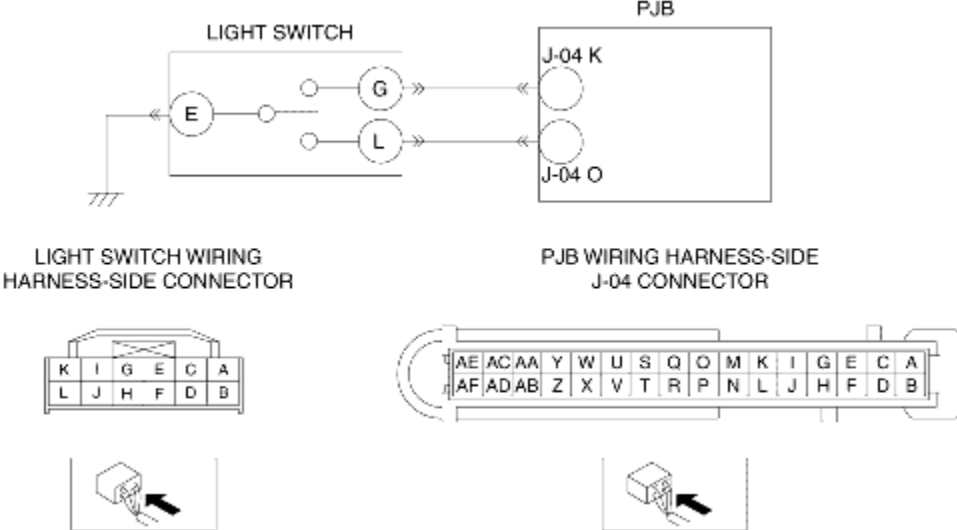


DTC B1506

B3E090201072W17

DTC B1506	Light turn signal right circuit short to ground
DETECTION CONDITION	Short to GND in wiring harness between PJB and turn switch
POSSIBLE CAUSE	<ul style="list-style-type: none"> • Short to GND in wiring harness between PJB terminal J-04 O and light switch terminal L • Short to GND in wiring harness between PJB terminal J-04 K and light switch terminal G • 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 following terminals: <ul style="list-style-type: none"> - PJB terminal J-04 O (wiring harness-side) - body GND - PJB terminal J-04 K (wiring harness-side) - body GND 	Yes Repair or replace the wiring harness for a possible short to GND, then go to Step 5.
		No Go to the next step.

	• Is there continuity?		
4	INSPECT LIGHT SWITCH <ul style="list-style-type: none"> Inspect the light switch. Is there any malfunction? 	Yes	Replace the light switch, then go to the next step. (See LIGHT SWITCH INSPECTION.)
		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.