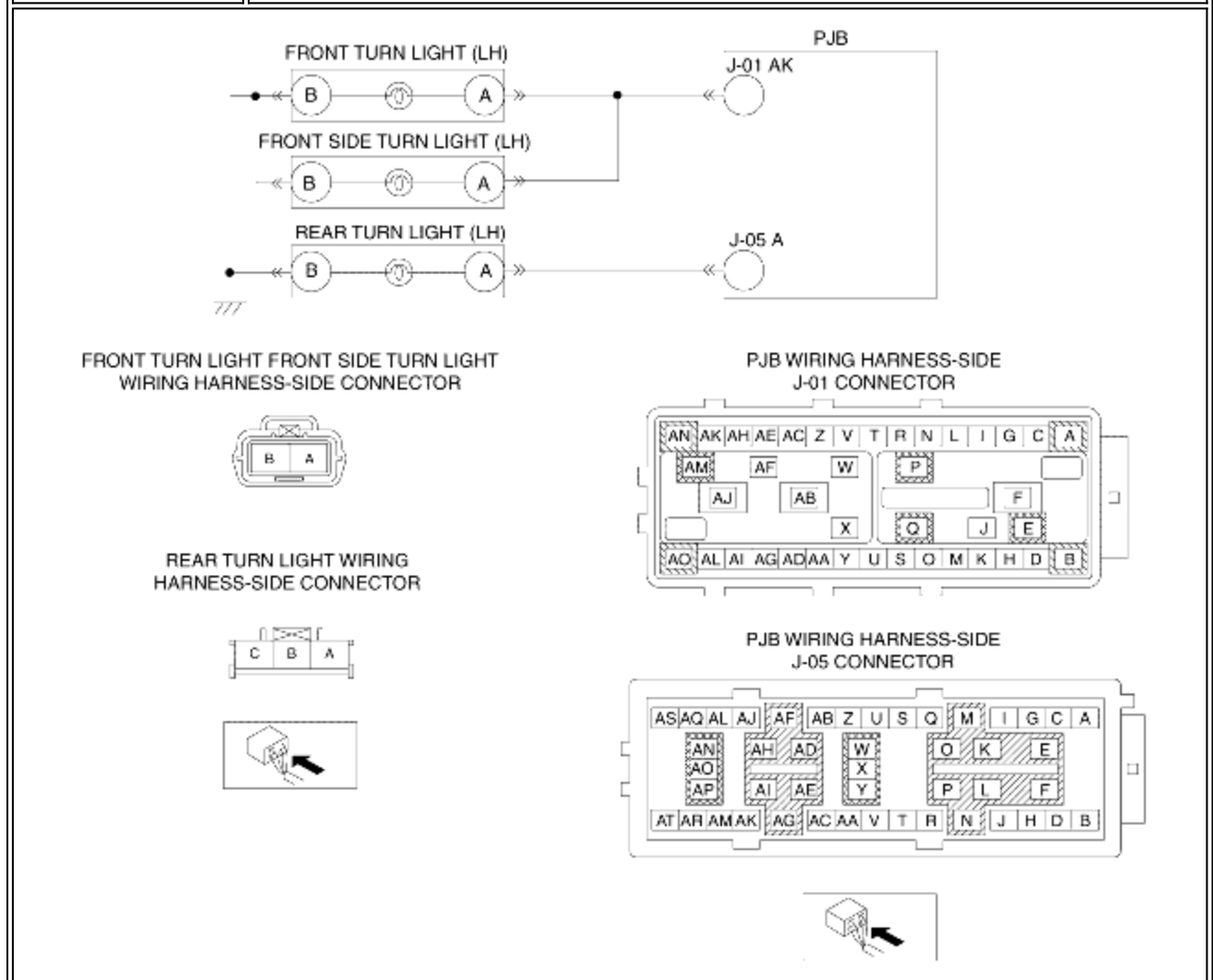


DTC B2899

B3E090201072W48

DTC B2899	Left turn signal indicator output failure
DETECTION CONDITION	<ul style="list-style-type: none"> • Open circuit or short to power supply or GND in wiring harness between PJB and turn light • Turn light bulb malfunction
POSSIBLE CAUSE	<ul style="list-style-type: none"> • Open circuit in wiring harness between PJB terminal J-01 AK and front turn light (LH) terminal A or front side turn light (LH) terminal A • Short to power supply in wiring harness between PJB terminal J-01 AK and front turn light (LH) terminal A or front side turn light (LH) terminal A • Short to GND in wiring harness between PJB terminal J-01 AK and front turn light (LH) terminal A or front side turn light (LH) terminal A • Open circuit in wiring harness between PJB terminal J-05 A and rear turn light (LH) terminal A • Short to power supply in wiring harness between PJB terminal J-05 A and rear turn light (LH) terminal A • Short to GND in wiring harness between PJB terminal J-05 A and rear turn light (LH) terminal A • Turn lights malfunction • PJB malfunction



Diagnostic procedure

STEP	INSPECTION	ACTION	
1	INSPECT TURN LIGHT CONNECTOR <ul style="list-style-type: none"> • Turn the ignition switch off. • Disconnect all the turn light (LH) connectors. • Inspect all the turn light (LH) 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 7.
		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 7.
		No	Go to the next step.
3	INSPECT TURN LIGHT CONTROL CIRCUIT FOR OPEN CIRCUIT <ul style="list-style-type: none"> • Inspect for continuity between following terminals: - PJB terminal J-01 AK (wiring harness-side) - front turn light (LH) terminal A (wiring harness-side) - PJB terminal J-01 AK (wiring harness-side) - front side turn light (LH) terminal A (wiring harness-side) - PJB terminal J-05 A (wiring harness-side) - rear turn light (LH) terminal A (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 7.
4	INSPECT TURN LIGHT CONTROL CIRCUIT FOR SHORT TO GND <ul style="list-style-type: none"> • Inspect for continuity between following terminals: - PJB terminal J-01 AK (wiring harness-side) - body GND - PJB terminal J-01 AK (wiring harness-side) - body GND - PJB terminal J-05 A (wiring harness-side) - body GND • Is there continuity? 	Yes	Repair or replace the wiring harness for a possible short to GND, then go to Step 7.
		No	Go to the next step.
5	INSPECT TURN LIGHT CONTROL CIRCUIT FOR SHORT TO POWER SUPPLY <ul style="list-style-type: none"> • Turn the ignition switch to the ON position (Engine off). • Measure the voltage between following terminals: - PJB terminal J-01 AK (wiring harness-side) - body GND - PJB terminal J-01 AK (wiring harness-side) - body GND - PJB terminal J-05 A (wiring harness-side) - body GND • Is the voltage B+? 	Yes	Repair or replace the wiring harness for a possible short to power supply, then go to Step 7.
		No	Go to the next step.
6	INSPECT TURN LIGHT <ul style="list-style-type: none"> • Inspect all the turn lights. 	Yes	Replace the turn lights, then go to the next step.

	• Is there any malfunction?	No	Go to the next step.
7	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.