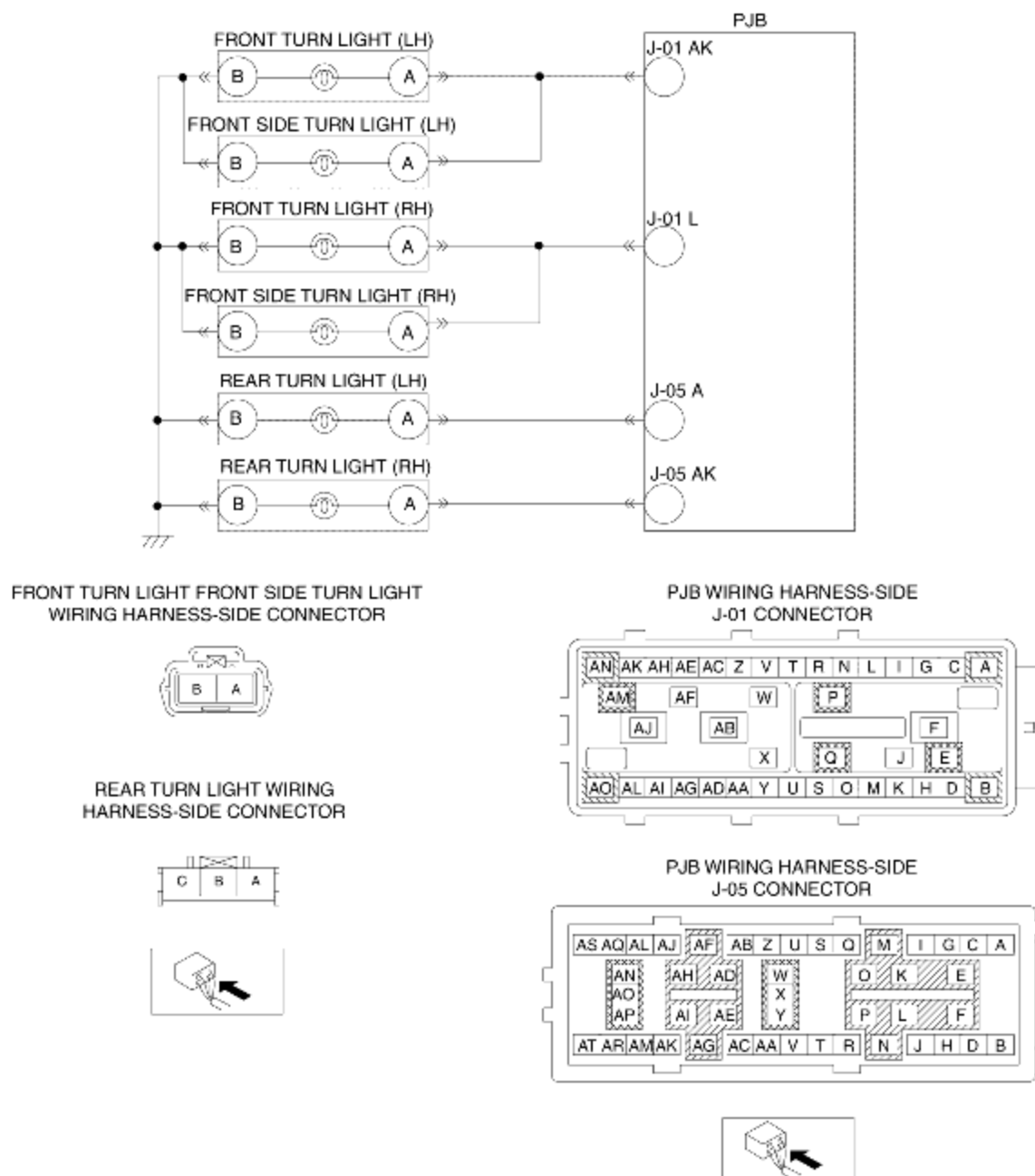


## DTC B1502

B3E090201072W16

DTC B1502	Light turn signal left circuit short to ground
DETECTION CONDITION	Short to GND in wiring harness between PJB and turn lights
POSSIBLE CAUSE	<ul style="list-style-type: none"><li>• Short to GND in wiring harness between PJB terminal J-01 AK and front turn light (LH) terminal A and front side turn light (LH) terminal A</li><li>• Short to GND in wiring harness between PJB terminal J-01 L and front turn light (RH) terminal A and front side turn light (RH) terminal A</li><li>• Short to GND in wiring harness between PJB terminal J-05 A and rear turn light (LH) terminal A</li><li>• Short to GND in wiring harness between PJB terminal J-05 AK and rear turn light (RH) terminal A</li><li>• Turn lights malfunction</li><li>• PJB malfunction</li></ul>



### Diagnostic procedure

STEP	INSPECTION	ACTION
1	<b>INSPECT TURN LIGHT CONNECTOR</b> <ul style="list-style-type: none"> <li>Disconnect all the turn light connectors.</li> <li>Inspect all the turn light connector terminals for poor connection (such as damaged/pulled-out pins, and corrosion).</li> <li>Is there any malfunction?</li> </ul>	Yes Repair or replace the terminal, then go to Step 5.
		No Go to the next step.
2	<b>INSPECT PJB CONNECTOR</b> <ul style="list-style-type: none"> <li>Disconnect the PJB connector.</li> <li>Inspect the PJB connector terminals for poor connection (such as damaged/pulled-out pins, and corrosion).</li> <li>Is there any malfunction?</li> </ul>	Yes Repair or replace the terminal, then go to Step 5.
		No Go to the next step.
	<b>INSPECT TURN LIGHT CONTROL CIRCUIT</b>	

3	<b>FOR SHORT TO GND</b> • Inspect for continuity between following terminals:  - PJB terminal J-01 AK (wiring harness-side) - body GND - PJB terminal J-01 L (wiring harness-side) - body GND - PJB terminal J-05 A (wiring harness-side) - body GND - PJB terminal J-05 AK (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 5.
		No	Go to the next step.
4	<b>INSPECT TURN LIGHTS</b> • Inspect all the turn lights. • Is there any malfunction?	Yes	Replace the turn lights, then go to the next step.
		No	Go to the next step.
5	<b>VERIFY TROUBLESHOOTING COMPLETED</b> • Make sure to reconnect all disconnected connectors. • Clear the DTC from the PJB memory using the WDS or equivalent. • Perform the self-test. (See <a href="#">PJB SELF-TEST.</a> ) • Is the same DTC present?	Yes	Replace the PJB. (See <a href="#">PASSENGER JUNCTION BOX (PJB) REMOVAL/INSTALLATION.</a> )
		No	DTC troubleshooting completed.