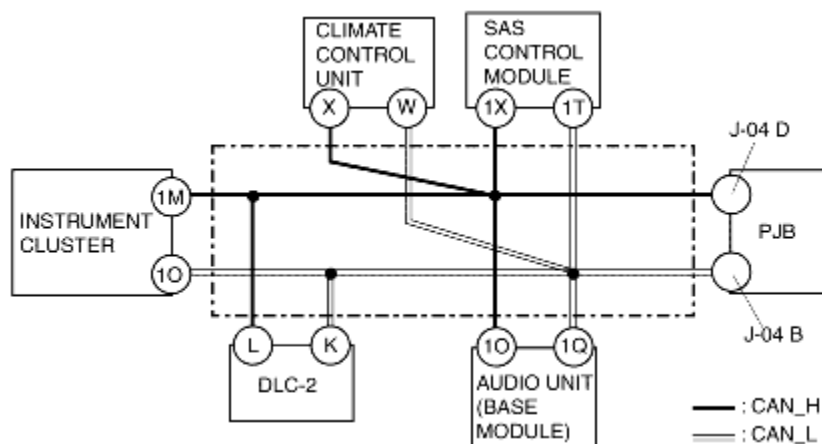


## DTC U0073, U0516, U1900, U2516

B3E090255430W05

DTC	U0073	SAS control module	CAN system communication error
	U0516	Climate control unit	
	U1900	PJB	
	U2516	Instrument cluster	
DETECTION CONDITION	<p><b>Warning</b></p> <ul style="list-style-type: none"> <li>Detection conditions are for understanding the DTC outline before performing an inspection. Performing an inspection according to only detection conditions may cause injury due to operating error, or damage the system. When performing an inspection, always follow the inspection procedure.</li> </ul> <ul style="list-style-type: none"> <li>CAN system related harness malfunction</li> <li>Related module communication error</li> </ul>		
POSSIBLE CAUSE	<ul style="list-style-type: none"> <li>Open or short circuit in wiring harness</li> <li>Malfunction of connectors between SAS control module, climate control unit, PJB and instrument cluster</li> <li>SAS control module malfunction</li> <li>Climate control unit malfunction</li> <li>PJB malfunction</li> <li>Instrument cluster malfunction</li> </ul>		
			

### Diagnostic procedure

STEP	INSPECTION	ACTION
1	<b>INSPECT CAN SYSTEM-RELATED DTC</b> <ul style="list-style-type: none"> <li>Are any DTCs other than the following displayed?</li> </ul>	Yes: Determine malfunctioning part in CAN system. (See <a href="#">PROCEDURES FOR DETERMINING THE LOCATION OF A MALFUNCTION.</a> )
	No: Go to the next step.	
2	<b>INSPECT CONNECTOR</b> <ul style="list-style-type: none"> <li>Inspect the connector of the module that outputs the DTC.</li> <li>Is it normal?</li> </ul>	Yes: Go to the next step.
	No: Repair or replace the connector, then go to Step 4.	

3	<b>INSPECT WIRING HARNESSES</b> • Inspect for the following malfunctioning wiring harnesses:  - Short to GND - Short to power supply - Twisted pair short each other - Open circuit  • Is there any malfunction?	Yes	Repair or replace the wiring harness, then go to the next step.
		No	Go to the next step.
4	<b>VERIFY TROUBLESHOOTING COMPLETED</b> • Make sure to reconnect all disconnected connectors. • Clear the DTC using the WDS or equivalent. • Is the same DTC present?	Yes	Replace the module that outputs the DTC, then retry this step.
		No	Troubleshooting completed.