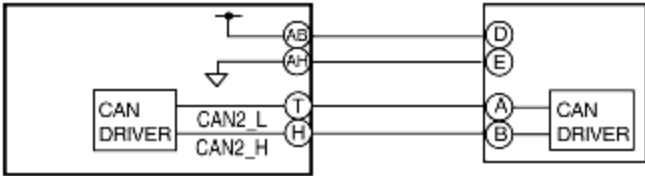

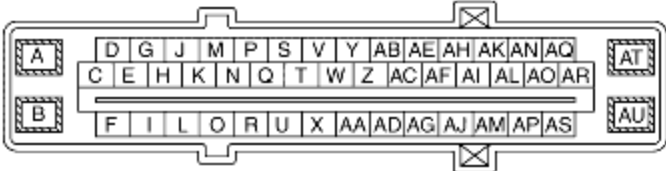

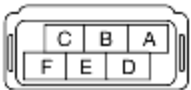


DTC U1901, U2527 [DSC]

B3E040243000W27

DTC	U1901, U2527	Combined sensor system (CAN2 line malfunction)
DETECTION CONDITION	<ul style="list-style-type: none">• U1901<ul style="list-style-type: none">- The signal from the combined sensor is not within specification.• U2527<ul style="list-style-type: none">- Open or short circuit in CAN system wiring harness is detected.	
POSSIBLE CAUSE	<ul style="list-style-type: none">• Open or short circuit in the CAN2_L wiring harness between combined sensor terminal A and DSC HU/CM terminal T• Open or short circuit in the CAN2_H wiring harness between combined sensor terminal B and DSC HU/CM terminal H• Combined sensor malfunction• DSC HU/CM malfunction• Poor connection at connectors (female terminal)	
<div><div><p>DSC HU/CM</p><p>COMBINED SENSOR</p></div><div><p>DSC HU/CM WIRING HARNESS-SIDE CONNECTOR</p></div><div><p>COMBINED SENSOR WIRING HARNESS-SIDE CONNECTOR</p></div></div>		

Diagnostic procedure

STEP	INSPECTION	ACTION
1	INSPECT COMBINED SENSOR SIGNAL (CAN2 LINE) FOR OPEN CIRCUIT <ul style="list-style-type: none"> • Disconnect the DSC HU/CM connectors. • Disconnect the combined sensor connectors. • Inspect for continuity between the DSC HU/CM connectors (vehicle harness-side) and the following combined sensor connector terminals (vehicle harness-side): <ul style="list-style-type: none"> - Combined sensor (CAN2_L): T-A - Combined sensor (CAN2_H): H-B • Is there continuity? 	Yes Go to the next step.
		No Repair or replace the wiring harness, then go to Step 4.
	INSPECT COMBINED SENSOR SIGNAL (CAN2	

2	LINE) FOR SHORT CIRCUIT • Inspect for continuity between the following DSC HU/CM connector terminals (vehicle harness-side) and body ground: - Combined sensor (CAN2_L): T - Combined sensor (CAN2_H): H • Is there continuity?	Yes	Repair or replace the wiring harness, then go to Step 4.
		No	Go to the next step.
3	INSPECT THE COMBINED SENSOR • Reconnect all disconnected connectors. Inspect the combined sensor. (See COMBINED SENSOR INSPECTION.) • Is the combined sensor normal?	Yes	Go to the next step.
		No	Replace the combined sensor, then go to the next step. (See COMBINED SENSOR REMOVAL/INSTALLATION.)
4	VERIFY THAT THE SAME DTC IS NOT PRESENT • Clear the DTCs from the memory. (See Clearing DTCs Procedures.) • Are the same DTCs present?	Yes	Repeat the inspection from Step 1. If the malfunction recurs, replace the DSC HU/CM, then go to the next step. (See DSC HU/CM REMOVAL/INSTALLATION.)
		No	Go to the next step.
5	VERIFY THAT NO OTHER DTCS ARE PRESENT • Are any other DTCs output?	Yes	Go to the applicable DTC inspection. (See DTC Table.)
		No	DTC troubleshooting completed.