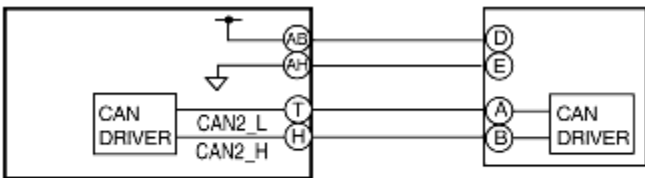
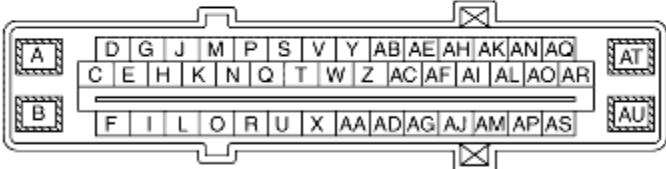
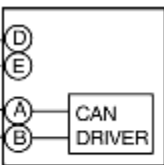
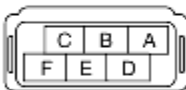




DTC C1279, C1280, C1281, C1282, C2778 [DSC]

B3E040243000W22

DTC	C1279, C1280, C1281, C1282, C2778	Combined sensor system
DETECTION CONDITION	<ul style="list-style-type: none">• C1279, C1280<ul style="list-style-type: none">- Out-of-specification signal modulation or yaw rate value is detected from the combined sensor (yaw rate part).• C1281, C1282<ul style="list-style-type: none">- Out-of-specification signal modulation or lateral-G value is detected from the combined sensor (lateral-G part).• C2778<ul style="list-style-type: none">- An error is detected for the voltage to the combined sensor.	
	POSSIBLE CAUSE	
<ul style="list-style-type: none">• Open or short circuit in the wiring harness between DSC HU/CM terminal AB and combined sensor terminal D• Open or short circuit in the wiring harness between DSC HU/CM terminal AH and combined sensor terminal E• Open circuit in the wiring harness between DSC HU/CM terminal T and combined sensor terminal A (CAN2 line)• Open circuit in the wiring harness between DSC HU/CM terminal H and combined sensor terminal B (CAN2 line)• Combined sensor malfunction• Poor connection at connectors (female terminal)		
<div><div><p>DSC HU/CM</p></div><div><p>DSC HU/CM WIRING HARNESS-SIDE CONNECTOR</p></div><div><p>COMBINED SENSOR</p></div><div><p>COMBINED SENSOR WIRING HARNESS-SIDE CONNECTOR</p></div><div></div><div></div></div>		

Diagnostic procedure

STEP	INSPECTION	ACTION
1	INSPECT COMBINED SENSOR POWER SUPPLY FOR OPEN CIRCUIT <ul style="list-style-type: none"> • Turn the ignition switch to the ON position. • Measure the voltage between the combined sensor terminal D and body ground. 	Yes Go to the next step.
		No Repair or replace the wiring harness, then go to Step 4.

	• Is the voltage approx. 12 V ?		
2	INSPECT COMBINED SENSOR GROUND FOR OPEN CIRCUIT <ul style="list-style-type: none"> • Turn the ignition switch off. • Inspect for continuity between the combined sensor terminal E and body ground. • Is there continuity? 	Yes	Go to the next step.
		No	Repair or replace the wiring harness, then go to Step 4.
3	INSPECT COMBINED SENSOR <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • Clear the DTCs from the memory. (See Clearing DTCs Procedures.) • Start the engine and drive the vehicle at 10 km/h {6.2 mph} or more. • 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 <ul style="list-style-type: none"> • Are any other DTCs output? 	Yes	Go to the applicable DTC inspection. (See DTC Table .)
		No	DTC troubleshooting completed.