DTC B00D5:01/B00D5:29/B1202:01

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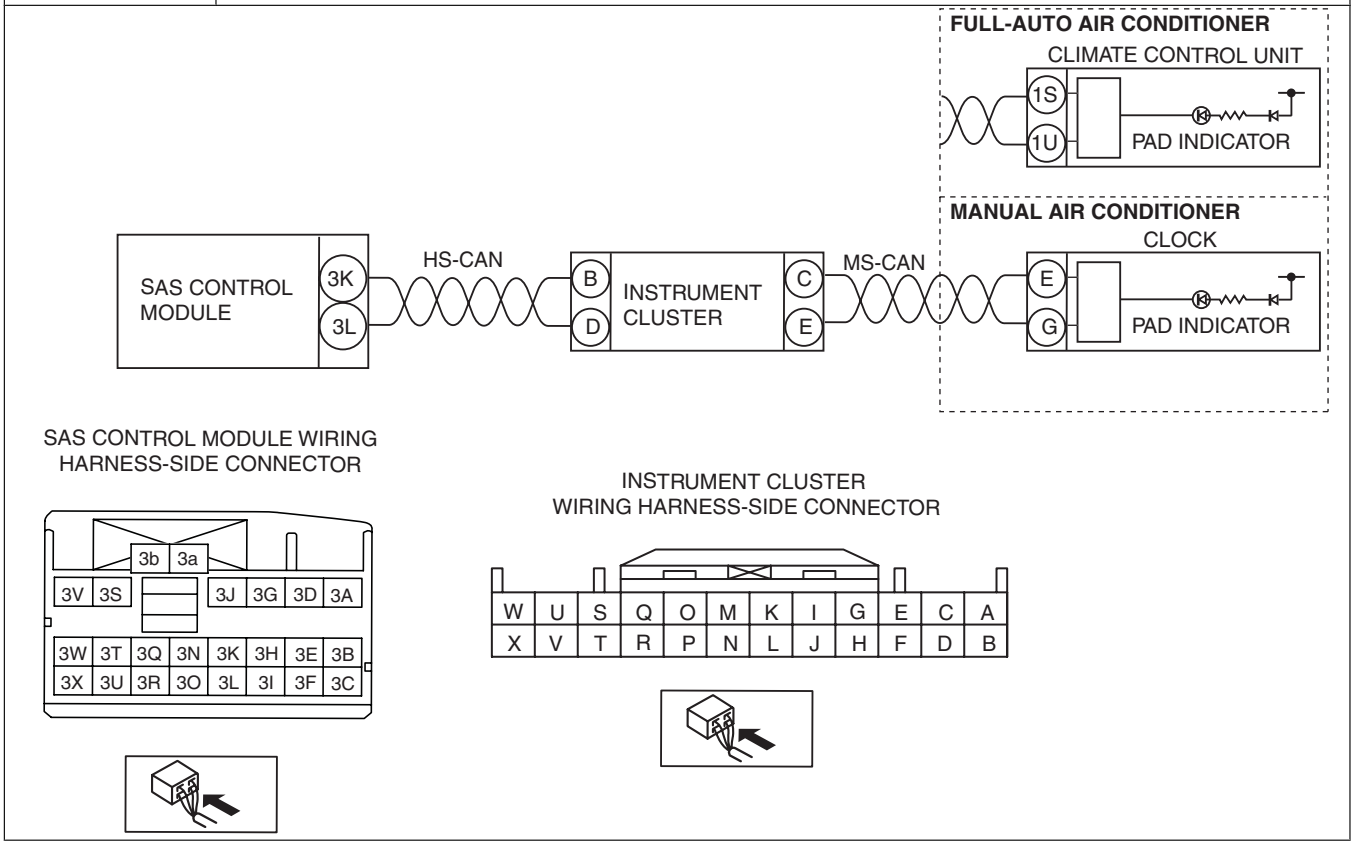
System malfunction location	• B00D5:01: PAD OFF indicator circuit open circuit or short to power supply • B00D5:29: PAD OFF indicator communication error • B1202:01: PAD ON indicator circuit open circuit or short to power supply
Detection condition	**Warning** **• Detection conditions are for understanding the DTC outline before performing an inspection. Performing an inspection according to only the detection conditions may cause injury due to an operating error, or damage the system. When performing an inspection, always follow the inspection procedure.** • Malfunction in PAD indicator circuit
Fail-safe	—
Possible cause	• Instrument cluster malfunction • SAS control module connector malfunction • Instrument cluster connector malfunction • Short circuit to power supply or body ground in wiring harness between Instrument cluster and SAS control module • Open circuit in wiring harness between Instrument cluster and SAS control module • SAS control module malfunction



Diagnostic Procedure

STEP	INSPECTION		ACTION
1	**PERFORM INSTRUMENT CLUSTER DTC INSPECTION** • Perform the instrument cluster DTC inspection using the M-MDS. (See DTC INSPECTION [INSTRUMENT CLUSTER].) • Are any DTCs present?	Yes	Perform the applicable DTC inspection. (See DTC TABLE [INSTRUMENT CLUSTER].)
		No	Go to the next step.

STEP	INSPECTION		ACTION
2	**INSPECT SAS CONTROL MODULE CONNECTOR** **Warning** **• Handling the component parts improperly can accidentally operate (deploy) the air bag module, which may seriously injure you. Read the service warnings/cautions and the workshop manual before handling the air bag system components. (See AIR BAG SYSTEM SERVICE WARNINGS.) (See AIR BAG SYSTEM SERVICE CAUTIONS.)** • Switch the ignition to off. • Disconnect the negative battery cable and wait for **1min or more**. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].) • Remove the column cover. (See COLUMN COVER REMOVAL/INSTALLATION.) • Disconnect the clock spring connector. (See CLOCK SPRING REMOVAL/INSTALLATION.) • Remove the glove compartment. (See GLOVE COMPARTMENT REMOVAL/INSTALLATION.) • Disconnect the passenger-side air bag module connector. (See PASSENGER-SIDE AIR BAG MODULE REMOVAL/INSTALLATION.) • Disconnect the driver and passenger-side front seat connector. (See FRONT SEAT REMOVAL/INSTALLATION.) • Remove the headliner. (See HEADLINER REMOVAL/INSTALLATION.) • Disconnect the driver and passenger-side curtain air bag module connectors. (See CURTAIN AIR BAG MODULE REMOVAL/INSTALLATION.) • Remove the B-pillar lower trim. (See B-PILLAR LOWER TRIM REMOVAL/INSTALLATION.) • Disconnect the driver and passenger-side pre-tensioner seat belt connectors. (See FRONT SEAT BELT REMOVAL/INSTALLATION.) • Remove the rear console. (See REAR CONSOLE REMOVAL/INSTALLATION.) • Disconnect the all SAS control module connectors. (See SAS CONTROL MODULE REMOVAL/INSTALLATION.) • Inspect the SAS control module connector terminal for poor connection (such as damaged/pulled-out pins, and corrosion). • Is there any malfunction?	Yes	Replace the malfunctioning part, then go to the next step.
		No	Go to the next step.

STEP	INSPECTION		ACTION
3	**INSPECT INSTRUMENT CLUSTER CONNECTOR** • Disconnect the instrument cluster connectors. (See INSTRUMENT CLUSTER REMOVAL/ INSTALLATION.) • Inspect the instrument cluster terminal for poor connection (such as damaged/pulled-out pins, and corrosion). • Is there any malfunction?	Yes	Replace the malfunctioning part, then go to Step 6.
		No	Go to the next step.
4	**INSPECT SAS CONTROL MODULE CIRCUIT FOR SHORT TO GROUND** • Instrument cluster and SAS control module connectors are disconnected. • Inspect for continuity between the following terminals (wiring harness-side) and body ground: — SAS control module terminal 3K — SAS control module terminal 3L **Note** • Inspect for continuity while shaking the wiring harness between the SAS control module and instrument cluster. • Is there continuity?	Yes	Replace the wiring harness for a possible short to ground, then go to Step 7.
		No	Go to the next step.
5	**INSPECT SAS CONTROL MODULE CIRCUIT FOR OPEN CIRCUIT** • Instrument cluster and SAS control module connectors are disconnected. • Inspect for continuity between the following terminals (wiring harness-side): — Instrument cluster terminal B—SAS control module terminal 3K — Instrument cluster terminal D—SAS control module terminal 3L **Note** • Inspect for continuity while shaking the wiring harness between the SAS control module and instrument cluster. • Is there continuity?	Yes	Go to the next step.
		No	Replace the wiring harness for a possible open circuit, then go to Step 7.

STEP	INSPECTION		ACTION
6	**INSPECT SAS CONTROL MODULE CIRCUIT FOR SHORT TO POWER SUPPLY** • Instrument cluster and SAS control module connectors are disconnected. • Connect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].) • Switch the ignition ON (engine off or on). • Measure the voltage at the following terminals (wiring harness-side): — SAS control module terminal 3K — SAS control module terminal 3L **Note** • Measure the voltage while shaking the wiring harness between the SAS control module and instrument cluster. • Is the voltage **0V**?	Yes	Go to the next step.
		No	Replace the wiring harness for a possible short to power supply, then go to the next step.
7	**PERFORM SAS CONTROL MODULE DTC INSPECTION** • Switch the ignition to off. • Disconnect the negative battery cable and wait for **1min or more**. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].) • Connect the SAS control module connectors. • Reconnect all disconnected connectors. • Connect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].) • Switch the ignition ON (engine off or on). • Clear the DTC for the SAS control module using the M-MDS. (See CLEARING DTC.) • Perform the DTC inspection for the SAS control module using the M-MDS. (See DTC INSPECTION.) • Are the same DTCs present?	Yes	Replace the SAS control module. (See SAS CONTROL MODULE REMOVAL/INSTALLATION.)
		No	DTC troubleshooting completed.