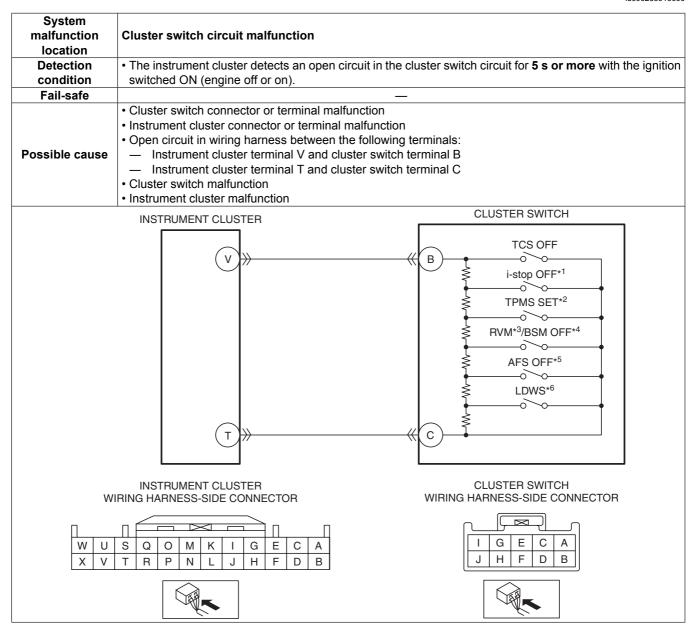
DTC U2013:13 [INSTRUMENT CLUSTER]

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- *1 : With i-stop system
- $^{\star 2}$: With tire pressure monitoring system (TPMS)
- *3 : With rear vehicle monitoring system
- *4: With BSM
- *5 : With AFS
- *6: With LDWS

Diagnostic Procedure

Step	tic Procedure Inspection		Action
1	INSPECT CLUSTER SWITCH CONNECTOR	Yes	Go to the next step.
	CONDITION	No	Repair or replace the connector, then go to Step 5.
	Switch the ignition to off.		, , ,
	Disconnect the negative battery cable.		
	(See NEGATIVE BATTERY CABLE		
	DISCONNECTION/CONNECTION		
	[SKYACTIV-G 2.0, SKYACTIV-G 2.5		
	(WITHOUT i-stop)].)		
	(See NEGATIVE BATTERY CABLE		
	DISCONNECTION/CONNECTION		
	[SKYACTIV-G 2.0, SKYACTIV-G 2.5].)		
	(See NEGATIVE BATTERY CABLE		
	DISCONNECTION/CONNECTION		
	[SKYACTIV-D 2.2].)		
	Disconnect the cluster switch connector.		
	Inspect the connector engagement and		
	connection condition and inspect the terminals		
	for damage, deformation, corrosion, or		
	disconnection.		
	Is the connector normal?		
2	INSPECT INSTRUMENT CLUSTER	Yes	Go to the next step.
	CONNECTOR CONDITION	No	Repair or replace the connector, then go to Step 5.
	Disconnect the instrument cluster connector.		
	Inspect the connector engagement and		
	connection condition and inspect the terminals		
	for damage, deformation, corrosion, or		
	disconnection.		
	Is the connector normal?		
3	INSPECT CLUSTER SWITCH CIRCUIT FOR	Yes	Go to the next step.
	OPEN CIRCUIT	No	Repair or replace the wiring harness, then go to Step 5.
	 Verify that the cluster switch and instrument 		
	cluster connectors are disconnected.		
	 Inspect the wiring harness between the 		
	following terminals (vehicle wiring harness side)		
	for continuity.		
	 Instrument cluster terminal V and cluster 		
	switch terminal B		
	Instrument cluster terminal T and cluster		
	switch terminal C		
	• Is there continuity?		
4	INSPECT CLUSTER SWITCH	Yes	Go to the next step.
•	• Inspect the cluster switch.	No	Replace the cluster switch, then go to the next step.
	(See TCS OFF SWITCH INSPECTION.)		(See SWITCH PANEL REMOVAL/INSTALLATION.)
	(See i-stop OFF SWITCH INSPECTION		(333 3171 711 PRINCE INCIDENTIONAL)
	[SKYACTIV-G 2.0, SKYACTIV-G 2.5].)		
	(See i-stop OFF SWITCH INSPECTION		
	[SKYACTIV-D 2.2].)		
	(See TIRE PRESSURE MONITORING		
	SYSTEM SET SWITCH INSPECTION.)		
	(See RVM SWITCH INSPECTION.)		
	(See BLIND SPOT MONITORING (BSM) OFF		
	SWITCH INSPECTION.)		
	SWITCH INSPECTION.) (See ADAPTIVE FRONT LIGHTING SYSTEM		
	SWITCH INSPECTION.) (See ADAPTIVE FRONT LIGHTING SYSTEM (AFS) OFF SWITCH INSPECTION.)		
	SWITCH INSPECTION.) (See ADAPTIVE FRONT LIGHTING SYSTEM		

Step	Inspection		Action
5 5	VERIFY THAT REPAIRS HAVE BEEN COMPLETED Reconnect all the disconnected connectors. Reconnect the disconnected negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].) Clear DTC for the instrument cluster using the M-MDS. (See CLEARING DTC [INSTRUMENT CLUSTER].) Switch the ignition ON (engine off or on) and wait for 5 s or more. Perform the DTC inspection for the instrument cluster using the M-MDS. (See DTC INSPECTION [INSTRUMENT CLUSTER].)	No	Repeat the inspection from Step 1. • If the malfunction recurs, replace the instrument cluster, then go to the next step. (See INSTRUMENT CLUSTER REMOVAL/INSTALLATION.) Go to the next step.
	• Is the DTC U2013:13 displayed?	Vac	Denois the small seationing want according to the constitution
6	• Are any other DTCs displayed?	Yes	Repair the malfunctioning part according to the applicable DTC troubleshooting. (See DTC TABLE [INSTRUMENT CLUSTER].)
		No	DTC troubleshooting completed.