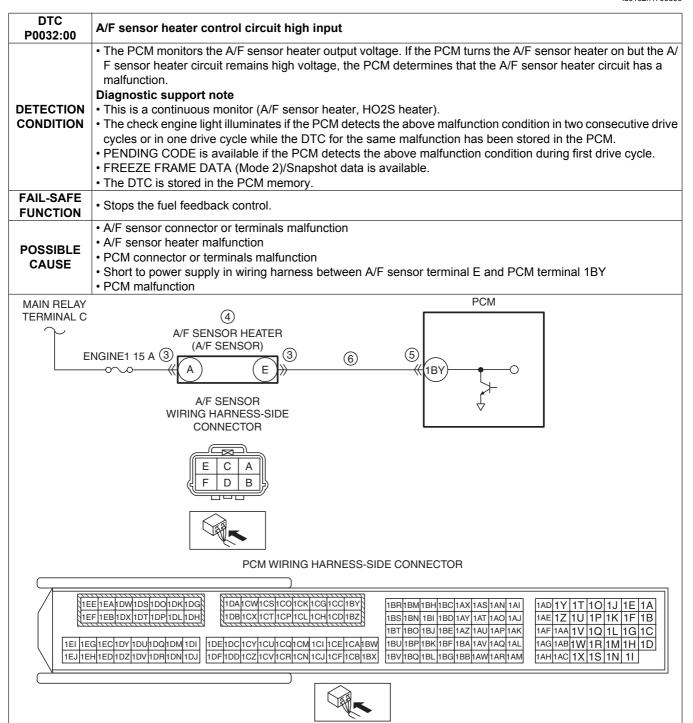
DTC P0032:00 [SKYACTIV-G 2.0]

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Diagnostic Procedure

Diagnostio i roccaire				
STEP	INSPECTION		ACTION	
1	VERIFY FREEZE FRAME DATA (MODE 2)/	Yes	Go to the next step.	
	SNAPSHOT DATA AND DIAGNOSTIC	No	Record the FREEZE FRAME DATA (Mode 2)/snapshot data	
	MONITORING TEST RESULTS HAVE BEEN		and DIAGNOSTIC MONITORING TEST RESULTS on the	
	RECORDED		repair order, then go to the next step.	
	 Have the FREEZE FRAME DATA (Mode 2)/ 			
	snapshot data and DIAGNOSTIC MONITORING			
	TEST RESULTS (A/F sensor heater, HO2S			
	heater related) been recorded?			

STEP	INSPECTION		ACTION
2	VERIFY RELATED SERVICE INFORMATION	Yes	Perform repair or diagnosis according to the available
	AVAILABILITY		Service Information.
	Verify related Service Information availability.		If the vehicle is not repaired, go to the next step.
	Is any related Service Information available?	No	Go to the next step.
3	INSPECT A/F SENSOR CONNECTOR	Yes	Repair or replace the connector and/or terminals, then go to
	CONDITION		Step 7.
	Switch the ignition to off.	No	Go to the next step.
	Disconnect the A/F sensor connector.		
	Inspect for poor connection (such as damaged/		
	pulled-out pins, corrosion).		
	Is there any malfunction?		
4	INSPECT A/F SENSOR HEATER	Yes	Replace the A/F sensor, then go to Step 7.
	Inspect the A/F sensor heater.		(See AIR FUEL RATIO (A/F) SENSOR REMOVAL/
	(See AIR FUEL RATIO (A/F) SENSOR		INSTALLATION [SKYACTIV-G 2.0].)
	INSPECTION [SKYACTIV-G 2.0].)	No	Go to the next step.
	Is there any malfunction?		·
5	INSPECT PCM CONNECTOR CONDITION	Yes	Repair or replace the connector and/or terminals, then go to
	Disconnect the PCM connector.		Step 7.
	Inspect for poor connection (such as damaged/	No	Go to the next step.
	pulled-out pins, corrosion).		
	Is there any malfunction?		
6	INSPECT A/F SENSOR HEATER CONTROL	Yes	·
	CIRCUIT FOR SHORT TO POWER SUPPLY	No	Repair or replace the wiring harness for a possible short to
	Verify that the A/F sensor and PCM connectors		power supply, then go to the next step.
	are disconnected.		
	• Switch the ignition ON (engine off or on).		
	Measure the voltage at the A/F sensor terminal E		
	(wiring harness-side). • Is the voltage 0 V ?		
7	VERIFY DTC TROUBLESHOOTING	Yes	Repeat the inspection from Step 1.
'	COMPLETED	165	If the malfunction recurs, replace the PCM.
	Make sure to reconnect all disconnected		(See PCM REMOVAL/INSTALLATION [SKYACTIV-G
	connectors.		2.0].)
	Clear the DTC from the PCM memory using the		Go to the next step.
	M-MDS.	No	Go to the next step.
	(See AFTER REPAIR PROCEDURE	''	or to the hort step.
	(SKYACTIV-G 2.0].)		
	Perform the KOER self test.		
	(See KOEO/KOER SELF TEST [SKYACTIV-G		
	2.0].)		
	• Is the PENDING CODE for this DTC present?		
8	VERIFY AFTER REPAIR PROCEDURE	Yes	Go to the applicable DTC inspection.
	Perform the "AFTER REPAIR PROCEDURE".		(See DTC TABLE [SKYACTIV-G 2.0].)
	(See AFTER REPAIR PROCEDURE	No	DTC troubleshooting completed.
	[SKYACTIV-G 2.0].)		
	Are any DTCs present?		