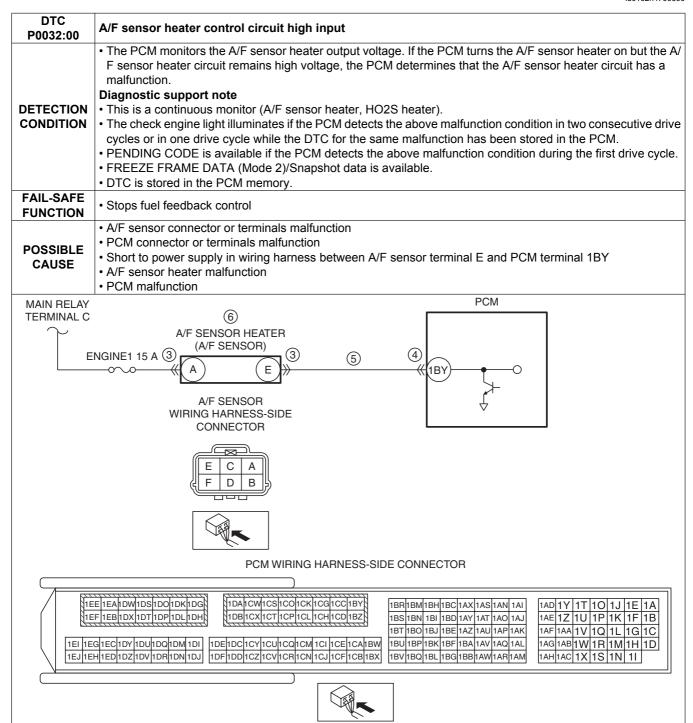
## **DTC P0032:00 [SKYACTIV-G 2.0, SKYACTIV-G 2.5]**

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**Diagnostic Procedure** 

Diagnostic i roccaure				
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.	
	<ul> <li>Have the FREEZE FRAME DATA (Mode 2)/</li> </ul>			
	snapshot data and DIAGNOSTIC MONITORING			
	TEST RESULTS (A/F sensor heater, HO2S			
	heater related) been recorded?			

STEP	INSPECTION		ACTION
2	VERIFY RELATED SERVICE INFORMATION AVAILABILITY • Verify related Service Information availability.	Yes	Perform repair or diagnosis according to the available Service Information.  • 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 CONDITION	Yes	Repair or replace the connector and/or terminals, then go to Step 7.
	<ul> <li>Switch the ignition off.</li> <li>Disconnect the A/F sensor connector.</li> <li>Inspect for poor connection (such as damaged/pulled-out pins, corrosion).</li> <li>Is there any malfunction?</li> </ul>	No	Go to the next step.
4	• Disconnect the PCM connector.	Yes	Repair or replace the connector and/or terminals, then go to Step 7.
	<ul> <li>Inspect for poor connection (such as damaged/pulled-out pins, corrosion).</li> <li>Is there any malfunction?</li> </ul>	No	Go to the next step.
5	INSPECT A/F SENSOR HEATER CONTROL	Yes	Go to the next step.
	<ul> <li>CIRCUIT FOR SHORT TO POWER SUPPLY</li> <li>Verify that the A/F sensor and PCM connectors are disconnected.</li> <li>Switch the ignition ON (engine off).</li> </ul>	No	Repair or replace the wiring harness for a possible short to power supply, then go to Step 7.
	Note     • Another DTC may be stored by the PCM detecting an open circuit.     • Measure the voltage at the A/F sensor terminal E (wiring harness-side).     • Is the voltage 0 V?		
6	INSPECT A/F SENSOR HEATER • Inspect the A/F sensor heater. (See AIR FUEL RATIO (A/F) SENSOR	Yes	Replace the A/F sensor, then go to the next step. (See AIR FUEL RATIO (A/F) SENSOR REMOVAL/ INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
	INSPECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) • Is there any malfunction?	No	Go to the next step.
7	VERIFY DTC TROUBLESHOOTING COMPLETED Always reconnect all disconnected connectors. Clear the DTC from the PCM memory using the M-MDS.	Yes	Repeat the inspection from Step 1.  • If the malfunction recurs, replace the PCM.  (See PCM REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)  Go to the next step.
	(See AFTER REPAIR PROCEDURE [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)  • Perform the KOER self test. (See KOEO/KOER SELF TEST [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)  • Is the PENDING CODE for this DTC present?	No	Go to the next step.
8	VERIFY AFTER REPAIR PROCEDURE	Yes	Go to the applicable DTC inspection.
	Perform the "AFTER REPAIR PROCEDURE".		(See DTC TABLE [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
	(See AFTER REPAIR PROCEDURE [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) • Are any DTCs present?	No	DTC troubleshooting completed.
	• Are any DTOs present?		