

**NO.25 FUEL ODOR (IN ENGINE COMPARTMENT) [SKYACTIV-D 2.2]**

id0103g1899200

<b>25</b>	<b>FUEL ODOR (IN ENGINE COMPARTMENT)</b>
<b>DESCRIPTION</b>	• Fuel odor from inside/outside of cabin or engine compartment.
<b>POSSIBLE CAUSE</b>	• PCM DTC is stored. • Fuel system malfunction (leak in supply system)

**Diagnostic Procedure**

<b>STEP</b>	<b>INSPECTION</b>	<b>RESULTS</b>	<b>ACTION</b>
1	<b>VERIFY PCM DTC</b> <ul style="list-style-type: none"><li>• Retrieve PCM DTCs using the M-MDS. (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-D 2.2].)</li><li>• Are any DTCs present?</li></ul>	Yes	Go to the applicable DTC inspection. (See DTC TABLE [SKYACTIV-D 2.2].)
		No	Go to the next step.
2	<b>INSPECT FOR FUEL LEAKAGE FROM FUEL SYSTEM</b> <ul style="list-style-type: none"><li>• Visually inspect the following:<ul style="list-style-type: none"><li>— Fuel leakage from the fuel tank, fuel pump, hose, pipe, fuel injector, supply pump, common rail</li><li>— Cracking and damage in fuel hose and pipe</li><li>— Clamp installation condition for each hose and pipe</li><li>— Fuel pipe securing condition due to deterioration such as rubber of clamp</li></ul></li><li>• Are all items normal?</li></ul>	Yes	Go to the next step.
		No	Repair or replace the malfunctioning part according to the inspection results, then go to the next step.
3	Verify the test results. <ul style="list-style-type: none"><li>• If normal, return to the diagnostic index to service any additional symptoms. (See SYMPTOM DIAGNOSTIC INDEX [SKYACTIV-D 2.2].)</li><li>• If a malfunction remains, inspect the related Service Information and perform the repair or diagnosis.<ul style="list-style-type: none"><li>— If the vehicle is repaired, troubleshooting is completed.</li><li>— If the vehicle is not repaired or additional diagnostic information is not available, replace the PCM. (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)</li></ul></li></ul>		