

		<ul style="list-style-type: none"> <li>circuit: short circuit to ground</li> <li>MAF sensor circuit: short circuit to power</li> <li>MAF sensor circuit: open circuit</li> <li>MAF sensor fault</li> </ul>	<p>Check the intake air system for leaks, restrictions, etc. Check the MAF sensor and circuits. Refer to the electrical guides. Install a new MAF sensor if necessary.</p> <p>REFER to: <a href="#">Mass Air Flow (MAF) Sensor</a> (303-14 Electronic Engine Controls - 2.4L Duratorq-TDCi HPCR (103kW/140PS) - Puma, Removal and Installation).</p> <p>Clear the DTCs and test for normal operation.</p>
P110300	Mass air flow (MAF) sensor in range but higher than expected	<ul style="list-style-type: none"> <li>Intake air path fault</li> <li>MAF sensor circuit: open circuit</li> <li>MAF sensor circuit: short circuit to ground</li> <li>MAF sensor circuit: short circuit to power</li> <li>MAF sensor fault</li> </ul>	<p>Check the intake air system for leaks, restrictions, etc. Check the MAF sensor and circuits. Refer to the electrical guides. Install a new MAF sensor if necessary.</p> <p>REFER to: <a href="#">Mass Air Flow (MAF) Sensor</a> (303-14 Electronic Engine Controls - 2.4L Duratorq-TDCi HPCR (103kW/140PS) - Puma, Removal and Installation).</p> <p>Clear the DTCs and test for normal operation.</p>
P115A00	Low fuel level - forced limited power	<ul style="list-style-type: none"> <li>Low fuel</li> <li>Fuel level sensor circuit: short circuit to ground</li> <li>Fuel level sensor circuit: open circuit</li> <li>Fuel level sensor fault</li> </ul>	<p>Check that there is sufficient fuel in the tank. Check the fuel level sensor and circuits. Refer to the electrical guides. Install a new fuel level sensor if necessary.</p> <p>REFER to: <a href="#">Fuel Level Sender</a> (310-01 Fuel Tank and Lines - 2.4L Duratorq-TDCi HPCR (103kW/140PS) - Puma, Removal and Installation).</p> <p>Clear the DTCs and test for normal operation.</p>
P115B00	Low fuel level - forced engine shutdown	<ul style="list-style-type: none"> <li>Low fuel</li> <li>Fuel level sensor circuit: short circuit to ground</li> <li>Fuel level sensor circuit: open circuit</li> <li>Fuel level sensor fault</li> </ul>	<p>Check that there is sufficient fuel in the tank. Check the fuel level sensor and circuits. Refer to the electrical guides. Install a new fuel level sensor if necessary.</p> <p>REFER to: <a href="#">Fuel Level Sender</a> (310-01 Fuel Tank and Lines - 2.4L Duratorq-TDCi HPCR (103kW/140PS) - Puma, Removal and Installation).</p> <p>Clear the DTCs and test for normal operation.</p>
P116900	Fuel rail pressure sensor in range but high	<ul style="list-style-type: none"> <li>Fuel rail pressure sensor circuit: short circuit to ground</li> <li>Fuel rail pressure sensor circuit: short circuit to power</li> <li>Fuel rail pressure sensor circuit: open circuit</li> <li>Fuel rail pressure sensor fault</li> </ul>	<p>Check the fuel rail pressure sensor and circuits. Refer to the electrical guides. The fuel rail pressure sensor is not serviceable separately. Install a new fuel rail if necessary.</p> <p>REFER to: <a href="#">Fuel Rail</a> (303-04A Fuel Charging and Controls - 2.4L Duratorq-TDCi HPCR (103kW/140PS) - Puma, Removal and Installation).</p> <p>Clear the DTCs and test for normal operation.</p>
P121C00	Cylinder balance - injector leaking	<ul style="list-style-type: none"> <li>Injector leak</li> <li>Cylinder compression low <ul style="list-style-type: none"> <li>Blow-by past the injector</li> <li>Blow-by past the glow plug</li> <li>Mechanical fault, valve, piston/ring, etc.</li> </ul> </li> <li>Injector fault</li> </ul>	<p>Check the injector and surrounding area for evidence of fuel leakage. Disconnect the injector and check for evidence of fuel leakage in the connector. Rectify as necessary. Clear the DTCs. Reconnect the injector and start the engine. Allow to warm up and allow to idle (cylinder balance diagnosis is now active). If the DTC resets, check for blow-by etc. and rectify as necessary. Clear the DTCs and recheck. Carry out a compression test only if the DTC resets. If the above tests are all within range, install a new injector.</p> <p>REFER to: <a href="#">Fuel Injector</a> (303-04A Fuel Charging and Controls - 2.4L Duratorq-TDCi HPCR (103kW/140PS) - Puma, Removal and Installation).</p>
P12402F	Sensor power supply - signal erratic (internal to engine control module (ECM))	<ul style="list-style-type: none"> <li>ECM circuits: short circuit to power</li> <li>ECM circuits: short circuit to ground</li> <li>ECM circuits: open circuit</li> <li>ECM fault</li> </ul>	<p>Check the ECM power supply and relay circuits. Refer to the electrical guides. Rectify as necessary. Clear the DTC. Cycle the ignition and retest. If the DTC resets suspect the ECM. Refer to the warranty policy and procedures manual if a module is suspect.</p>
P124633	Generator load input - signal low time greater than maximum	<ul style="list-style-type: none"> <li>Engine control module (ECM) generator circuit:</li> </ul>	