

		recirculation (EGR) valve fault	
P010036	Mass or volume air flow A circuit - signal frequency too low	<ul style="list-style-type: none"> <li>Mass air flow (MAF) sensor 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>	Check the MAF sensor and circuit. Refer to the electrical guides. Install a new MAF sensor if necessary. 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). Clear the DTCs and test for normal operation.
P010037	Mass or volume air flow A circuit - signal frequency too high	<ul style="list-style-type: none"> <li>Mass air flow (MAF) sensor 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>	Check the MAF sensor and circuit. Refer to the electrical guides. Install a new MAF sensor if necessary. 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). Clear the DTCs and test for normal operation.
P010064	Mass or volume air flow A circuit - signal plausibility failure	<ul style="list-style-type: none"> <li>Mass air flow (MAF) sensor 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>	Check the MAF sensor and circuit. Refer to the electrical guides. Install a new MAF sensor if necessary. 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). Clear the DTCs and test for normal operation.
P01102F	Intake air temperature (IAT) sensor 1 circuit - signal erratic	<ul style="list-style-type: none"> <li><b>NOTE: The IAT sensor 1 is part of the mass air flow (MAF) sensor</b></li> <li>IAT sensor 1 circuit: short circuit to power</li> <li>IAT sensor 1 circuit: short circuit to ground</li> <li>IAT sensor 1 circuit: open circuit</li> <li>IAT sensor 1 fault</li> </ul>	Check the IAT sensor 1 and circuit. Refer to the electrical guides. Install a new MAF sensor if necessary. 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). Clear the DTCs and test for normal operation.
P011011	Intake air temperature (IAT) sensor 1 circuit - circuit short to ground	<ul style="list-style-type: none"> <li><b>NOTE: The IAT sensor 1 is part of the mass air flow (MAF) sensor</b></li> <li>IAT sensor 1 circuit: short circuit to ground</li> <li>IAT sensor 1 fault</li> </ul>	Check the IAT sensor 1 and circuit. Refer to the electrical guides. Install a new MAF sensor if necessary. 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). Clear the DTCs and test for normal operation.
P011015	Intake air temperature (IAT) sensor 1 circuit - circuit short to battery or open	<ul style="list-style-type: none"> <li><b>NOTE: The IAT sensor 1 is part of the mass air flow (MAF) sensor</b></li> <li>IAT sensor 1 circuit: short circuit to power</li> <li>IAT sensor 1 circuit: open circuit</li> <li>IAT sensor 1 fault</li> </ul>	Check the IAT sensor 1 and circuit. Refer to the electrical guides. Install a new MAF sensor if necessary. 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). Clear the DTCs and test for normal operation.
P01152F	Engine coolant temperature (ECT) (cylinder head temperature (CHT)) sensor 1 circuit - signal erratic	<ul style="list-style-type: none"> <li>CHT sensor circuit: short circuit to power</li> <li>CHT sensor circuit: short circuit to ground</li> <li>CHT sensor circuit: open circuit</li> </ul>	