

		<p>high resistance, open circuit</p> <ul style="list-style-type: none"> <li>Frequency mass airflow sensor internal failure</li> </ul>	<p>frequency mass airflow sensor as required. Refer to the warranty policy and procedures manual, or determine if any prior approval programme is in operation, prior to the installation of a new module/component</p>
P0101-17	Mass or Volume Air Flow Sensor "A" Circuit Range/Performance - circuit voltage above threshold	<p><b>NOTE: - Circuit FMAF -</b></p> <ul style="list-style-type: none"> <li>Frequency mass airflow sensor circuit, short circuit to power</li> <li>Frequency mass airflow sensor internal failure</li> </ul>	<ul style="list-style-type: none"> <li>Refer to the electrical circuit diagrams and check the frequency mass airflow sensor circuit for short circuit to power. Repair the circuit as required, clear the DTC and retest the system</li> <li>If the fault persists, check and install a new frequency mass airflow sensor as required. Refer to the warranty policy and procedures manual, or determine if any prior approval programme is in operation, prior to the installation of a new module/component</li> </ul>
P0104-38	Mass or Volume Air Flow Sensor "A" Circuit Intermittent - signal frequency incorrect	<p><b>NOTE: - Circuit FMAF -</b></p> <ul style="list-style-type: none"> <li>Frequency mass airflow sensor circuit, short circuit to ground, short circuit to power, high resistance, open circuit</li> <li>Frequency mass airflow sensor internal failure</li> </ul>	<ul style="list-style-type: none"> <li>Refer to the electrical circuit diagrams and check the frequency mass airflow sensor circuit for short circuit to ground, short circuit to power, open circuit, high resistance. Repair the circuit as required, clear the DTC and retest the system</li> <li>If the fault persists, check and install a new frequency mass airflow sensor as required. Refer to the warranty policy and procedures manual, or determine if any prior approval programme is in operation, prior to the installation of a new module/component</li> </ul>
P0107-16	Manifold Absolute Pressure/Barometric Pressure Sensor Circuit Low - circuit voltage below threshold	<p><b>NOTE: - Circuit MAP -</b></p> <ul style="list-style-type: none"> <li>Manifold absolute pressure sensor circuit, short circuit to ground, open circuit, high resistance</li> <li>Manifold absolute pressure sensor internal fault</li> </ul>	<ul style="list-style-type: none"> <li>Refer to the electrical circuit diagrams and check the manifold absolute pressure sensor circuit for short circuit to ground, open circuit, high resistance. Repair the circuit as required, clear the DTC and retest the system</li> <li>If the fault persists, check and install a new manifold absolute pressure sensor as required. Refer to the warranty policy and procedures manual, or determine if any prior approval programme is in operation, prior to the installation of a new module/component</li> </ul>
P0108-17	Manifold Absolute Pressure/Barometric Pressure Sensor Circuit High - circuit voltage above threshold	<p><b>NOTE: - Circuit MAP -</b></p> <ul style="list-style-type: none"> <li>Manifold absolute pressure sensor blockage</li> <li>Manifold absolute pressure sensor circuit, short circuit to power</li> <li>Manifold absolute pressure sensor internal fault</li> </ul>	<ul style="list-style-type: none"> <li>Refer to the workshop manual and check the manifold absolute pressure sensor is correctly connected to the air intake manifold and there are no blockages or air leaks preventing communication of pressure changes between the manifold and the sensor</li> <li>Refer to the electrical circuit diagrams and check the manifold absolute pressure sensor circuit for short circuit to power. Repair the circuit as required, clear the DTC and retest the system</li> <li>If the fault persists, check and install a new manifold absolute pressure sensor as required. Refer to the warranty policy and procedures manual, or determine if any prior approval programme is in operation, prior to the installation of a new module/component</li> </ul>
P0112-11	Intake Air Temperature Sensor 1 Circuit Low (Bank 1) - circuit short to ground	<p><b>NOTE: - Circuit IAT -</b></p> <ul style="list-style-type: none"> <li>Mass airflow/intake air temperature sensor circuit, short circuit to ground</li> <li>Mass airflow/intake air temperature sensor internal failure</li> </ul>	<ul style="list-style-type: none"> <li>Refer to the electrical circuit diagrams and check the mass airflow/intake air temperature sensor circuit for short circuit to ground. Repair the circuit as required, clear the DTC and retest the system</li> <li>If the fault persists, check and install a new mass airflow/intake air temperature sensor as required. Refer to the warranty policy and procedures manual, or determine if any prior approval programme is in operation, prior to the installation of a new module/component</li> </ul>
P0113-15	Intake Air Temperature Sensor 1 Circuit High (Bank 1)	<p><b>NOTE: - Circuit IAT -</b></p>	<ul style="list-style-type: none"> <li>Refer to the electrical circuit diagrams and check the</li> </ul>