

DTC	DESCRIPTION	POSSIBLE CAUSES	ACTION
P006A-00	MAP - Mass or Volume Air Flow Correlation - No sub type information	<ul style="list-style-type: none"> <li>■ Fault in the induction air system</li> <li>■ Fault in the boost air system</li> <li>■ Mass Air Flow (MAF) sensor circuit short to ground, short to power, high resistance, open circuit</li> <li>■ Manifold Absolute Pressure (MAP) sensor circuit short to ground, short to power, high resistance, open circuit</li> <li>■ Mass Air Flow (MAF) sensor internal failure</li> <li>■ Manifold Absolute Pressure (MAP) sensor internal failure</li> </ul>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">  <b>NOTE:</b>            Using the manufacturer approved diagnostic system perform the <b>Turbo, EGR and air path dynamic test</b> routine         </div> <ul style="list-style-type: none"> <li>■ Using the manufacturer approved diagnostic system check for DTCs associated with the intake and boost airflow control actuators, refer to the relevant DTC Index and act on those DTCs first</li> <li>■ Refer to the workshop manual and check the intake air system, boost air system, intercooler and air filter for leaks, blockages, restrictions and control valve actuator malfunctions</li> <li>■ Refer to the electrical circuit diagrams and check the Mass Air Flow (MAF) sensor circuit for short to ground, short to power, high resistance, open circuit</li> <li>■ Refer to the electrical circuit diagrams and check the Manifold Absolute Pressure (MAP) sensor circuit for short to ground, short to power, high resistance, open circuit</li> <li>■ Check and install a new Mass Air Flow (MAF) 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> <li>■ Check and install a new Manifold Absolute Pressure (MAP) 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> <li>■ As the two Mass Air Flow (MAF) sensors are identical, it is possible to confirm the diagnosis by swapping the units from side to side and testing to see if the DTC resets</li> </ul>
P006A-22	MAP - Mass or Volume Air Flow Correlation - Signal amplitude > maximum	<ul style="list-style-type: none"> <li>■ Fault in the induction air system</li> <li>■ Fault in the boost air system</li> <li>■ Mass Air Flow (MAF) sensor circuit short to ground, short to power, high resistance, open circuit</li> <li>■ Manifold Absolute Pressure (MAP) sensor circuit short to ground, short to power, high resistance, open circuit</li> <li>■ Mass Air Flow (MAF) sensor internal failure</li> <li>■ Manifold Absolute Pressure (MAP) sensor internal failure</li> </ul>	<ul style="list-style-type: none"> <li>■ Using the manufacturer approved diagnostic system check for DTCs associated with the intake and boost airflow control actuators, refer to the relevant DTC Index and act on those DTCs first</li> <li>■ Refer to the workshop manual and check the intake air system, boost air system, intercooler and air filter for leaks, blockages, restrictions and control valve actuator malfunctions</li> <li>■ Refer to the electrical circuit diagrams and check the Mass Air Flow (MAF) sensor circuit for short to ground, short to power, high resistance, open circuit</li> <li>■ Refer to the electrical circuit diagrams and check the Manifold Absolute Pressure (MAP) sensor circuit for short to ground, short to power, high resistance, open circuit</li> <li>■ Check and install a new Mass Air Flow (MAF) 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> <li>■ Check and install a new Manifold Absolute Pressure (MAP) 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>