

DTC	DESCRIPTION	POSSIBLE CAUSES	ACTION
P023D-00	Manifold Absolute Pressure - Turbocharger /Supercharger Boost Sensor A Correlation - No sub type information	<ul style="list-style-type: none"> ■ Induction system air leak or blockage ■ Boost air system leak or blockage ■ Manifold Absolute Pressure (MAP) sensor internal failure ■ Variable Geometry Turbocharger (VGT) actuator sticking, failure ■ Turbocharger internal failure 	<ul style="list-style-type: none"> ■ Refer to the relevant section of the workshop manual and check the induction system for leaks or blockages ■ Refer to the relevant section of the workshop manual and check the boost air system for leaks or blockages ■ Using the manufacturer approved diagnostic system clear the DTC and retest the system. Check for related DTCs and refer to the relevant DTC index ■ 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 ■ Check and install a new variable geometry turbocharger actuator 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 ■ Refer to the relevant section of the workshop manual and check turbocharger rod connection and oil seals. Check install a new turbocharger 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
P0251-13	Injection Pump Fuel Metering Control A - Circuit open	<ul style="list-style-type: none"> ■ Fuel volume control valve circuit, open circuit ■ Fuel volume control valve internal fault 	<ul style="list-style-type: none"> ■ Refer to the electrical circuit diagrams and check the fuel volume control valve circuit for open circuit ■ Check and install a new fuel volume control valve. 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
P0251-4B	Injection Pump Fuel Metering Control A - Over temperature	<ul style="list-style-type: none"> ■ Fuel volume control valve circuit short to ground, short to power, high resistance ■ Fuel volume control valve internal fault 	<ul style="list-style-type: none"> ■ Refer to the electrical circuit diagrams and check the fuel volume control valve circuit for short to ground, short to power, high resistance ■ Check and install a new fuel volume control valve. 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