

	1) - circuit short to battery or open	<ul style="list-style-type: none"> • Mass airflow/intake air temperature sensor circuit, short circuit to power, open circuit, high resistance • Mass airflow/intake air temperature sensor internal failure 	<p>mass airflow/intake air temperature sensor circuit for short circuit to power, open circuit, high resistance. Repair the circuit as required, clear the DTC and retest the system</p> <ul style="list-style-type: none"> • 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
P0113-17	Intake Air Temperature Sensor 1 Circuit High (Bank 1) - circuit voltage above threshold	<p>NOTE: - Circuit IAT -</p> <ul style="list-style-type: none"> • Mass airflow/intake air temperature sensor circuit, short circuit to power • Mass airflow/intake air temperature sensor internal failure 	<ul style="list-style-type: none"> • Refer to the electrical circuit diagrams and check the mass airflow/intake air temperature sensor circuit for short circuit to power. Repair the circuit as required, clear the DTC and retest the system • 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
P0114-27	Intake Air Temperature Sensor 1 Intermittent/Erratic (Bank 1) - signal rate of change above threshold	<p>NOTE: - Circuit IAT -</p> <ul style="list-style-type: none"> • Mass airflow/intake air temperature sensor circuit, short circuit to ground, short circuit to power, open circuit, high resistance • Mass airflow/intake air temperature sensor internal failure 	<ul style="list-style-type: none"> • Refer to the electrical circuit diagrams and check the mass airflow/intake air temperature 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 • 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
P0116-26	Engine Coolant Temperature Sensor 1 Circuit Range/Performance - signal rate of change below threshold	<p>NOTE: - Circuit ECT -</p> <ul style="list-style-type: none"> • Engine coolant level or flow fault • Engine coolant temperature sensor circuit, short circuit to ground, short circuit to power, open circuit, high resistance • Engine coolant temperature sensor internal failure 	<ul style="list-style-type: none"> • Refer to the workshop manual and check the engine cooling system to ensure the coolant condition and level is correct • Refer to the electrical circuit diagrams and check the engine coolant temperature 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 • If the fault persists, check and install a new engine coolant 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
P0117-11	Engine Coolant Temperature Sensor 1 Circuit Low - circuit short to ground	<p>NOTE: - Circuit ECT -</p> <ul style="list-style-type: none"> • Engine coolant temperature sensor circuit, short circuit to ground • Engine coolant temperature sensor internal failure 	<ul style="list-style-type: none"> • Refer to the electrical circuit diagrams and check the engine coolant temperature sensor circuit for short circuit to ground. Repair the circuit as required, clear the DTC and retest the system • If the fault persists, check and install a new engine coolant 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
P0118-15	Engine Coolant Temperature Sensor 1 Circuit High - circuit short	<p>NOTE: - Circuit ECT -</p> <ul style="list-style-type: none"> • Engine coolant 	<ul style="list-style-type: none"> • Refer to the electrical circuit diagrams and check the engine coolant temperature sensor circuit for short circuit to power, open circuit, high resistance. Repair