

	to battery or open	<p>temperature sensor circuit, short circuit to power, open circuit, high resistance</p> <ul style="list-style-type: none"> • Engine coolant temperature sensor internal failure 	<p>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 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
P0130-00	O2 Sensor Circuit (Bank 1 Sensor 1) - no sub type information	<p>NOTE: - Circuit UEGO VIP -</p> <ul style="list-style-type: none"> • Front heated oxygen sensor circuit, short circuit to ground, short circuit to power, open circuit, high resistance • Front heated oxygen sensor internal failure 	<ul style="list-style-type: none"> • Refer to the electrical circuit diagrams and check the front heated oxygen 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 front heated oxygen 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
P0130-11	O2 Sensor Circuit (Bank 1 Sensor 1) - circuit short to ground	<p>NOTE: - Circuit UEGO VIP -</p> <ul style="list-style-type: none"> • Front heated oxygen sensor circuit, short circuit to ground • Front heated oxygen sensor internal failure 	<ul style="list-style-type: none"> • Refer to the electrical circuit diagrams and check the front heated oxygen 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 front heated oxygen 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
P0130-12	O2 Sensor Circuit (Bank 1 Sensor 1) - circuit short to battery	<p>NOTE: - Circuit UEGO VIP -</p> <ul style="list-style-type: none"> • Front heated oxygen sensor circuit, short circuit to power • Front heated oxygen sensor internal failure 	<ul style="list-style-type: none"> • Refer to the electrical circuit diagrams and check the front heated oxygen 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 front heated oxygen 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
P0130-28	O2 Sensor Circuit (Bank 1 Sensor 1) - signal bias level out of range / zero adjustment failure	<p>NOTE: - Circuit UEGO VN -</p> <ul style="list-style-type: none"> • Front heated oxygen sensor circuit, signal is out of range • Front heated oxygen sensor internal failure 	<ul style="list-style-type: none"> • Check the condition and operation of the exhaust system, check for associated DTCs in the same timeline and refer to the relevant DTC index. Clear the DTC and retest the system • If the fault persists, check and install a new front heated oxygen 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
P014C-00	O2 Sensor Slow Response - Rich to Lean (Bank 1 Sensor 1) - no sub type information	<ul style="list-style-type: none"> • Air leakage between front heated oxygen sensor and catalyst • Heated oxygen sensor rear tip damaged • Heated oxygen sensor rear tip blocked • Heated oxygen sensor rear tip contaminated by excessive oil consumption 	<ul style="list-style-type: none"> • Check for related DTCs and refer to the relevant DTC index • Check the front heated oxygen sensor is correctly installed in the catalyst • Check heated oxygen sensor rear tip for damage • Check heated oxygen sensor rear tip for blockage • Check the heated oxygen sensor rear tip for oil contamination. Carry out an oil consumption check • Check the heated oxygen sensor rear tip for contamination by poor or incorrect fuel. Check that the customer is using the correct grade of fuel