1. Component and diagnosis information: see the below table
2. Diagnostic trouble codes: see the below table
3. OBD communication protocols support: **KWP2000**

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| --- | --- | --- |
| components | Diagnostic trouble codes | Diagnostic information |
| Engine Coolant Temperature Sensor | P0117 | Engine Coolant Temperature Sensor Circuit Low |
| P0118 | Engine Coolant Temperature Sensor Circuit High |
| P0119 | Engine Coolant Temperature Sensor Circuit Intermittent |
| P0217 | Engine Coolant Over Temperature Condition |
| Manifold Absolute Pressure | P0107 | Manifold Absolute Pressure Sensor Circuit Low |
| P0108 | Manifold Absolute Pressure Sensor Circuit High |
| Intake Air Temperature Sensor | P0112 | Intake Air Temperature Sensor Circuit Low |
| P0113 | Intake Air Temperature Sensor Circuit High |
| P0114 | Intake Air Temperature Sensor Circuit Intermittent |
| Throttle Position Sensor | P0121 | Throttle Position Sensor Circuit Range |
| P0122 | Throttle Position Sensor Circuit Low |
| P0123 | Throttle Position Sensor Circuit High |
| P0124 | Throttle Position Sensor Circuit Intermittent |
| O2 Sensor | P0131 | O2 Sensor Circuit Low Voltage |
| P0132 | O2 Sensor Circuit High Voltage |
| P0134 | O2 Sensor Circuit No Activity Detected |
| Vehicle Speed Sensor | P0501 | Vehicle Speed Sensor Performance |
| Injector | P0261 | Injector Circuit Low |
| P0262 | Injector Circuit High |
| Stepper motor | P0511 | Idle Air Control System Circuit Low or Open or High |
| Ignition Coil Primary Control | P2300 | Ignition Coil Primary Control Circuit Low |
| P2301 | Ignition Coil Primary Control Circuit High |