

Self-diagnosis

The BOSCH Motronic M17 engine management system has self-diagnostic capability. This means that the ECU (Engine Control Unit) is constantly monitoring the sensors and actuators. Any discrepancy or deviation from normal values triggers a P-code in the ECU. This P-Code is stored in the ECU and can only be removed with the XC_1 diagnostic tester.

Once a failure or a P-code is detected, the vehicle alerts the rider with an illuminated engine management lamp. In the workshop, a corresponding blink code and also the P-code can be read out.

Note:

The Blink code is removed by correcting the fault.
The P-Code is removed with XC_1 diagnostic tool.

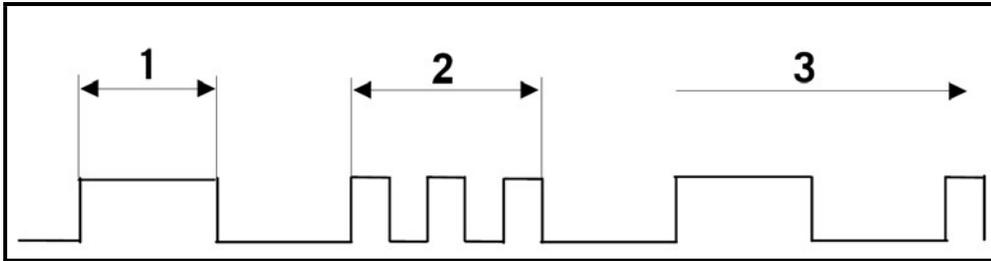
To read the blink code:

- Hold the throttle open
- Turn on the ignition (DO NOT START THE ENGINE)
- Keep the throttle open for 5 seconds
- Close the throttle
- The blink code is displayed in the dashboard



SSM902 - 390Duke2013

Example Blink Code 13 » Signal of MAP sensor too high or low:



- 1 long Interval
- 2 short Interval
- 3 Repetition