

If there is malfunction for kobelco SK200-8 excavator, there will be error codes showed on the [monitor gauge cluster panel](#). If you do not understand the meaning of these error codes, the machine will be in severe abnormal operation. Even the excavator will be scrapped if you do not care about it.

For more easy understand of the meaning of these error codes, dealing with the faulty of the machine timely and replacing proper parts to ensure the normal operation of the excavator, we would like to introduce you the error code show on the gauge monitor panel of SK200-8. We hope that it will be helpful.

Error Code KOBELCO SK200-8

1, (Engine systems) Sensor systems:

P2228, the atmospheric pressure sensor fault (LO).

P2229, the atmospheric pressure sensor fault (HI).

P0192, rail pressure sensor fault (LO).

P0193, rail pressure sensor fault (HI).

P0191, rail pressure sensor failure.

P0237, boost sensor fault (LO).

P0108, boost sensor fault (HI).

P0117, the water temperature sensor fault (LO).

P0118, the water temperature sensor fault (HI).

P0182, fuel temperature sensor fault (LO).

P0183, fuel temperature sensor fault (HI).

P0335, the main speed sensor system failure, the engine will not start / stop the engine.

P0340, deputy speed sensor system failure, the engine will not start / stop the engine.

P2120, dual throttle sensor system failures, speed down (idling speed 800r / min).

P2121, a throttle sensor voltage is abnormal. P2122, a throttle sensor failure (LO).

P2123, a throttle sensor failure (HI).

P2126, throttle sensor 2 voltage is abnormal.

P2127, throttle sensor 2 fault (LO).

P2128, throttle sensor 2 fault (HI).

2, Switches, relays, system fault codes:

P0540, preheating device failure (open circuit / CND shorted).

P0540, preheating device failure (+ B short circuit).

P0617, the start switch circuit failure.

P0686, the main relay circuit failure.

Fuel pump system failure code:

P0629, the fuel supply solenoid circuit fault (+ B short-circuit), the engine can not start / stop the engine.

P0628, fuel pump solenoid circuit fault (full output mode), the output decline.

P2635, history of abnormal pressure fuel pump.

P2635, fuel pump solenoid valve stuck.

P0088, rail pressure abnormalities, output declined.

3, Fuel injection system fault codes:

P1211, injector rail a solenoid valve drive system fault (GND short circuit), the output decline on / off cylinders (1, 4).

P1214 Injector solenoid valve drive system common rail 2 fault (GND short circuit), the output decline on / off cylinder operation (two times, three times).

P1212, injector rail a solenoid valve drive system failures (+ short-circuit B / open circuit), the output decline on / off cylinders (1, 4).

P1215, injector solenoid valve drive system common rail 2 failures (+ short-circuit B / open circuit), the output decline on / off cylinder operation (two times, three times).

P1601, multi-point fuel injector correction exceptions, output declined.

P0201, injector solenoid valve circuit breaker, output drops on / off cylinder operation (1).

P0202, solenoid injector 2 circuit breaker, output drops on / off cylinder operation (two times).

P0203, solenoid injector 3 circuit breaker, output drops on / off cylinder operation (three times).

P0204, solenoid injector 4 circuit breaker, output drops on / off cylinder operation (four times).

P0263, cylinder correction fault 1.

P0266, cylinder correction fault 2.

P0269, cylinder correction failure 3.

P0272, cylinder correction failure 4.

4, EGR System:

P0489, EGR valve is a linear solenoid valve malfunction (open circuit / GND short circuit), the output decline.

P0490, EGR valve is a linear solenoid valve malfunction (VB short circuit), the output decline.

P0404, EGR valve is stuck in an output drop.

P0405, EGR valve is a safety sensor fault (LO).

P0406, a safety sensor valve failure (HI).

Turbine system fault code:

P0234, turbo too large, the output decreases.

Engine system (state judge) fault code:

P0217, overheating, output declined.

P0219, the engine coaster. Communication: U1001, CAN communication interruption (vehicle).

5, ECU system:

P0611, ECU poor charging circuit (LO), the output decline.

P0200, ECU poor charging circuit (HI).

P0605, ROM exception.

P0606, CPU failure, the engine will not start the engine stopped.

P0607, CPU monitoring IC exceptions, output declined.

If there are other things you don't understand, please feel free to contact us and we will answer you as soon as possible.

[How to change kobelco SK-8 gauge language!](https://www.youtube.com/watch?v=OTz1aOgmQP8) <https://www.youtube.com/watch?v=OTz1aOgmQP8>