

KOBELCO EXCAVATOR ERROR CODES

<https://truck-manuals.jimdo.com/kobelco-fault-codes/>

Error Code Failure details

Sensor failure system P2228 Atmospheric pressure sensor malfunction (LOW)
P2229 Atmospheric pressure sensor malfunction (HI)
P0192 Common rail pressure sensor malfunction (LOW)
P0193 Common rail pressure sensor malfunction (Hi)
P0191 Common rail pressure sensor malfunction
P0237 Boost pressure sensor malfunction (LOW)
P0108 Boost pressure sensor malfunction (Hi)
P0117 Coolant temperature sensor malfunction (Low)
P118 Coolant temperature sensor malfunction (Hi)
P0182 Fuel temperature sensor malfunction (Low)
P0183 Fuel temperature sensor malfunction (Hi)
P0335 Engine speed main sensor malfunction
P0340 Engine speed Sub sensor malfunction
P2120 Accelerator sensor 1 and 2 malfunction
P2122 Acceleration sensor 1 malfunction (LOW)
P2123 Acceleration sensor 1 malfunction (Hi)
P2127 Acceleration sensor 2 malfunction (LOW)
P2128 Acceleration sensor 2 malfunction (Hi)
Suply pump System P0629 Suply pump SCV malfunction (Power source line short
P0628 Suply pump SCV malfunction (Ful discharge mode)
P2635 Suply pump SCV sticking
P0088 Excessive common rail pressure
Switch relay system P1211 Injector common 1 ground short
P1214 Injector common 2 ground short
P1212 Injector common 1 open circuit
P1215 Injector common 2 open circuit
P0201 Injector circuit Malfunction - Cylinder 1
P0202 Injector circuit Malfunction - Cylinder 2
P0203 Injector circuit Malfunction - Cylinder 3
P0204 Injector circuit Malfunction - Cylinder 4
P0263 Cylinder 1 Contribution/balance fault
P0266 Cylinder 2 Contribution/balance fault
P0269 Cylinder 3 Contribution/balance fault
P0272 Cylinder 4 Contribution/balance fault
Switch Relay System P0540 Preheat circuit malfunction (GND Open/short circuit
P617 Starter signal malfunction
P0686 Main relay malfunction
A015 Engine adjustment (A adjustment) is not adjusted yet or is failed
A025:
Pump propotional valve adjustment (B adjustment) is not adjusted yet or is failed

A035:
Unload valve adjustment is not yet or failed

A215:
Written data of ROM hour meter data is incorrect

A225:
Writting data of ROM hour meter data is incorrect

A235:

Written data of ROM hour meter data is incorrect

A045:

Writting of ROM hour meter data is incorrect

A255:

Writting of propotional valve adjustment data is incorrect

B012:

Incorrect output of BOOM UP pressure sensor

B013:

Disconnection of BOOM UP pressure sensor

B014:

Short circuit of BOOM UP pressure sensor

B022:

Incorrect output of BOOM DOWN pressure sensor

B023:

Disconnection of BOOM DOWN pressure sensor

B024:

Short circuit of BOOM DOWN pressure sensor

B032:

Incorrect output of ARM OUT pressure sensor

B033:

Disconnection of ARM OUT pressure sensor

B034:

Short circuit of ARM OUT pressure sensor

B042:

Incorrect output of ARM IN pressure sensor

B043:

Disconnection of ARM IN pressure sensor

B044 :

Short circuit of ARM IN pressure sensor

B052:

Incorrect output of BUCKET DIGGING pressure sensor

B053:

Disconnection of BUCKET DIGGING pressure sensor

B054:

Short circuit of BUCKET DIGGING pressure sensor

B062:

Incorrect output of BUCKET DUMP pressure sensor.

B063:
Disconnection of BUCKET DUMP pressure sensor.

B064:
Short circuit of BUCKET DUMP pressure sensor.

B072:
Incorrect output of SWING pressure sensor.

B073:
Disconnection of SWING pressure sensor.

B074:
Short circuit of SWING pressure sensor.

B092:
Incorrect output of Travel right pressure sensor.

B093:
Disconnection of Travel right pressure sensor.

B094:
Short circuit of Travel right pressure sensor .

B102:
Incorrect output of Travel left pressure sensor.

B103:
Incorrect output of Travel left pressure sensor.

B104:
Short circuit of Travel left pressure sensor.

B113:
Disconnection of pressure sensor of optional selector positioning.

B114:
Short circuit of pressure sensor of optional selector.

B162:
Incorrect output of P1 side pressure sensor.

B163:
Disconnection of P1side pressure sensor.

B164:
Short circuit of P1side pressure sensor.

B172:
Incorrect output of P2 side pressure sensor.

B173:
Disconnection of P2 side pressure sensor.

B174:
Short circuit of P2 side pressure sensor.

C012:

Incorrect output of P1 pump pressure sensor.

C013:

Disconnection of P1 pump pressure sensor.

C014:

Short circuit of P1 pump pressure sensor.

C022:

Incorrect output of P2 pump pressure sensor.

C023:

Disconnection of P2 pump pressure sensor.

C024:

Short circuit of P2 pump pressure sensor.

C033:

Disconnection of Boom head pressure sensor.

C034:

Short circuit of BOOM HEAD pressure sensor.

C043:

Disconnection of BOOM ROD pressure sensor.

C044:

Short circuit of BOOM ROD pressure sensor.

D012:

Failure of output of transistor ON at P1 unload propotional valve.

D013:

Disconnection of P1 unload propotional valve.

D022:

Failure of output of transistor ON at P2 unload propotional valve.

D023:

Disconnection of P2 unload propotional valve.

D032:

Failure of output of transistor ON at travel stright propotional valve.

D033:

Disconnection of travel stright propotional valve.

D062:

Failure of output of transistor ON at ARM IN HIGHT SPEED propotional valve.

D063:

Disconnection of ARM HIGH SPEED propotional valve.

E012:

Failure of output of transistor ON at P1 pump propotional valve.

E013:

Disconnection of P1 pump propotional valve.

E022:

Failure of output of transistor ON at P2 Pump propotional valve.

E023:

Disconnection of P2 pump propotional valve.

F011:

Failure of output transistor OFF and GND short of attachment boost SOL valve.

F013:

Failure of output transistor ON and disconnection of attachment boost SOL valve.

F021:

Failure of output transistor OFF and GND short of Swing parking SOL valve.

F023:

Failure of output transistor ON and disconnection of Swing parking SOL valve.

F031:

Failure of output transistor OFF and GND short of Travel 1-2 speed SOL valve.

F033:

Failure of output transistor ON and disconnection of Travel 1-2 speed SOL valve.

F041:

Failure of output transistor OFF and GND short of optional selector SOL valve.

F043:

Failure of output transistor ON and disconnection of optional selector SOL valve.

G032:

Overrun of speed sensor of direct input Mechatro-controler.

G033:

Disconnection of speed sensor of direct input Mechatro-controler.

G042:

Overrun of speed sensor of direct input Mechatro-controler and received data from E/G controler.

G043:

Disconnection of speed sensor of direct input Mechatro-controler and received data from E/G controler.

H013:

Disconnection of acceleration potentio.

H014:

Power short-circuit of acceleration potentio.

H023:

Disconnection of Boom angle potentio.

H024:
Power short-circuit of Boom angle potentiometer.

H033:
Disconnection of Arm angle potentiometer.

H034:
Power short-circuit of Arm angle potentiometer.

H091:
Failure of GND short circuit of fuel sensor.

H093:
Disconnection of fuel sensor.

I111:
Received error of CAN communication (passive error)

I113:
Received error of CAN communication (time out)

I313:
Received error of cluster communication (time-out error)

K014:
Adhesion of battery relay terminal.

R014:
Failure of arc prevention relay of wiper motor.

R024:
Failure of normal rotation relay of wiper motor.

R034:
Failure of reverse relay of wiper motor.

R144:
Failure of swing flasher relay.

R154:
Failure of travel arm relay.

R164:
Failure of Auto idling stop relay.

R174:
Failure of Engine forcible stop relay.

R184:
Failure of lever lock relay.

R214:
Failure of safety relay.