

Fault ID	Fault Name	Fault Description / Technical Description	Recommended Service Actions
P0460	Fuel level Sensor - Open Circuit	Open circuit detected on fuel level sensor.	1) Check for loose wire or connector. 2) Check fuel sensor.
P0461	Fuel level Sensor - Short to Ground	Short to ground detected on fuel level sensor.	1) Check for loose wire or connector. 2) Check fuel sensor.
P0615	Start Output - Open Circuit	Open Circuit detected on Start Output.	1) Check the output circuit is not open. 2) Test the component connected to the output for proper resistance.
P0616	Start Output - Short to Ground/Overcurrent	Overcurrent detected on Start Output. Indicates short to ground.	1) Check the output circuit is not shorted. 2) Test the component connected to the output for proper resistance.
P0617	Start Output - Short to Battery	Low current detected on Start Output. Indicates a short to battery.	1) Check the output circuit is not shorted to supply voltage. 2) Test the component connected to the output for proper resistance. 3) Replace TEC.
P0691	Fan Relay - Short to Ground/Overcurrent	Overcurrent detected on Fan Relay. Indicates short to ground.	1) Check the output circuit is not shorted. 2) Test the component connected to the output for proper resistance. 3) Replace TEC
P0692	Fan Relay - Short to Battery	Low current detected on Fan Relay. Indicates a short to battery.	1) Check the output circuit is not shorted to Vs. 2) Test the component connected to the output for proper resistance. 3) Replace TEC
P0939	Hydraulic Oil Temperature Sensor - Short to Ground	Short to ground detected on hydraulic temperature sensor.	1) Check for loose wire or connector. 2) Check temperature sensor.
P0940	Hydraulic Oil Temperature Sensor - Open Circuit	Open circuit detected on hydraulic temperature sensor.	1) Check for loose wire or connector. 2) Check temperature sensor.
P100D	Engine Coolant Temperature Above Threshold - Engine Kill	Engine coolant temperature has reached a critical operating level that requires the engine to be shut down.	1) Check fan. 2) Check air flow passages. 3) Check coolant.
C1013	ETR/RTR/OK to Run - Short to Battery	Low current detected on ETR/RTR/OK to Run. Indicates a short to battery.	1) Check the output circuit is not shorted to Vs. 2) Test the component connected to the output for proper resistance.

C1014	ETR/RTR/OK to Run - Short to Ground/Overcurrent	Overcurrent detected on ETR/RTR/OK to Run. Indicates short to ground.	1) Check the output circuit is not shorted. 2) Test the component connected to the output for proper resistance.
C1015	ETR/RTR/OK to Run - Open Circuit	Open Circuit detected on ETR/RTR/OK to Run.	1) Check the output circuit is not open. 2) Test the component connected to the output for proper resistance.
C1433	Solenoid 3 - Short to Battery	Low current detected on Solenoid 3 (S3) output. Indicates a short to battery.	1) Check the output circuit is not shorted to Vs. 2) Test the component connected to the output for proper resistance.
C1434	Solenoid 3 - Short to Ground/Overcurrent	Overcurrent detected on Solenoid 3 (S3) output. Indicates short to ground.	1) Check the output circuit is not shorted to ground. 2) Test the component connected to the output for proper resistance.
C1435	Solenoid 3 - Open Circuit	Open Circuit detected on Solenoid 3 (S3) output.	1) Check the output circuit is not open. 2) Test the component connected to the output for proper resistance.
B1027	Speed Inc-Dec Switch Broken	Both SPEED_INCREASE and SPEED_DECREASE inputs are active simultaneously.	1) Check the switch. There could be a short in the switch. 2) Check the harness/connector for a loose wire or corrosion.
U0100	CAN Bus Communication Fault - Engine	Lost communication with Engine controller.	1) Check if engine controller is powered. 2) Check resistance of CAN network.

Kohler Engine Codes

P2119	Throttle Actuator Stuck
P2100	Throttle Actuator Control Motor Circuit Open (Low Current Fault)
P0171	Maximum Adaptation Limit Exceeded
P0172	Minimum Adaptation Limit Exceeded
P0174	Lean Fuel Condition at High Load (Open Loop)
P0336	Crankshaft Position Senso Noisy Signal
P0337	False Start Detected/CKP Sensor Signal
P0201	Injector 1 Circuit Malfunction
P0202	Injector 2 Circuit Malfunction
P0351	Cylinder 1 Ignition Coil Malfunction
P0352	Cylinder 2 Ignition Coil Malfunction

P0232	Fuel Pump Module Circuit High Voltage
P0230	Fuel Pump Module Circuit Low Voltage or Open
P0123	Throttle Position Sensor Circuit High Voltage
P0122	Throttle Position Sensor Circuit Low Voltage or Open
P0108	Manifold Absolute Pressure Sensor Circuit High Voltage
P0107	Manifold Absolute Pressure Sensor Circuit Low Voltage or Open
P0113	Intake Air Temperature Sensor Circuit High Voltage or Open
P0112	Intake Air Temperature Sensor Circuit Low Voltage
P0118	Engine Temperature Sensor Circuit High Voltage or Open
P0117	Intake Air Temperature Sensor Circuit Low Voltage
P0217	Overheat
P0563	System Voltage High
P0562	System Voltage Low
P0132	Oxygen Sensor 1 High Voltage
P0131	Oxygen Sensor 1 Low Voltage or Open
P0031	Oxygen Sensor Heater Circuit Low Voltage
P0032	Oxygen Sensor Heater Circuit High Voltage