

List of Fault Codes for Komatsu Forklifts FB15-12

Trouble Code (ALA)

Code	fault description
ALA-5206	Starting switch transferred is ON, while the rise of the control lever is mounted in a position other than neutral.
ALA-5207	Starting switch transferred is ON, while the tilt control lever is set in a position other than neutral.
ALA-5208	Starting switch translated in the ON position at that time, as the lever 1 ATT working equipment control 1 is set in a position other than neutral.
ALA-5209	The starting switch is turned to ON, while the work equipment 2 control ATT lever 2 is set to a position other than neutral.
ALA-5210	The starting switch is turned to ON, while the control lever 3 ATT working equipment 3 is installed in a position other than neutral.
ALA-5229 *	The automatic adjustment function of the horizontal tilt angle is switched off before or after at Proposition stop.
ALA-5255 *	Improper management of the automatic functions adjust the horizontal angle. 1. Moving the tilt lever in anreverse direction. 2. Inclusion of buttons horizontal inclination, whereas the tilt control lever isXia horizontally. 3. The inclusion of the automatic function of the horizontal tilt, while installed on the car load.

* The machine is equipped with an automatic adjustment function of the horizontal angle.

The error code (ERR)

Code	The fault description
ERR-3082	Malfunction of the communication channel between the controller (right) turn, and the controller (left) stroke.
ERR-3084	Malfunction of the communication channel between the controller (right) and stroke controller handling.
ERR-3281	Malfunction of the communication channel between the controller (right) turn, and the controller (left) stroke.
ERR-3284	Malfunction of the communication channel between the controller handling and controller (left) stroke.
ERR-5081	Malfunction of the communication channel between the controller (right) and stroke controller handling.
ERR-5082	Malfunction of the communication channel between the control (left) and a stroke controller for loading

	and unloading operations.
ERR-5085	Malfunction of the communication channel between the controller and the proportional solenoid valve controller handling.
ERR-5087	Malfunction of the communication channel between the controller and a power supply controller for loading and unloading operations.
ERR-5088	Malfunction of the communication channel between the controller handling and Controllers rum power source.
ERR-5211	Wrong signal lift control lever.
ERR-5212	Wrong signal tilt control lever.
ERR-5213	Wrong signal ATT1 work equipment control lever.
ERR-5214	Wrong signal ATT2 work equipment control lever.
ERR-5215	Wrong signal ATT3 work equipment control lever.

Code	The fault description
ERR-5216	Wrong signal lifting pressure sensor.
ERR-5217	Incorrect inclination angle sensor signal.
ERR-5218	Incorrect operation of the proportional solenoid valve lift.
ERR-5219	Incorrect operation of the proportional solenoid valve angle.
ERR-5220	Incorrect operation of the proportional solenoid valve ATT1 working equipment.
ERR-5221	Incorrect operation of the proportional solenoid valve ATT2 working equipment.
ERR-5222	Incorrect operation of the proportional solenoid valve ATT3 working equipment.
ERR-5292	Fault source proportional solenoid valve controller power.
ERR-5293	Incorrect operation of the controller proportional solenoid valve.
ERR-5294	Wrong signal sensor working machine.
ERR-5295	Incorrect operation of the controller proportional solenoid valve.
ERR-5296	Error communication process controller proportional solenoid valve.
ERR1 4-8110	Error process communication controller (right) turn.
ERR1 8-8110	Error communication controller process (left) turn.
ERR3 0-8110	Error communication process controller handling.
ERR3 4-8110	Error communication process controller handling.
ERR4 0-8110	Error communication process dashboard.
ERR1 4-8120	Transmission error / reception on CAN data bus controller (right) turn.
ERR1 8-8120	Transmission error / reception on CAN data bus controller (left) stroke.
ERR3 0-8120	Error data transmission / reception on CAN bus controller handling.
ERR3 4-8120	Error data transmission / reception on CAN bus controller proportional solenoid valve.
ERR4 0-8120	Error transmitting / receiving CAN bus data dashboard.
ERR1 4-8130	Malfunction of the communication channel between the CAN controller (right) turn and the dashboard.
ERR1 8-8130	Malfunction of the communication channel between the CAN controller (left) and move the instrument panel.
ERR3 0-8130	Malfunction of the communication channel between the CAN controller handling and instrument panel.
ERR3 4-8130	Fault CAN communication channel between the controller proportional electromagnetic valve stemPan and the instrument panel.
ERR1 4-8140	Incorrect data transmission on the CAN bus controller (right) turn.
ERR1 8-8140	Incorrect data transmission on the CAN bus controller (left) stroke.
ERR3 0-8140	Incorrect data transmission on the CAN bus controller handling.

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ERR3 4-8140	Incorrect data transmission on the CAN bus controller proportional solenoid valve.
ERR4 0-8140	Incorrect data transmission via the CAN bus instrument panel.
ERR4 0-8314	Malfunction of the communication channel between the CAN controller (right) turn and the dashboard.
ERR4 0-8318	Malfunction of the communication channel between the CAN controller (left) and move the instrument panel.
ERR4 0-8330	Malfunction of the communication channel between the CAN controller handling and instrument panel.
ERR4 0-8334	Fault CAN communication channel between the controller proportional electromagnetic valve stem Pan and the instrument panel.
ERR4 0-8510	Fault CAN communication channel dashboard after the installation of the starting switch to ON.

DTC instrument panel (movement system controller)

Code	The fault description
ERR-300	Damage to the main contactor, blown fuse
ERR-300	Short circuit of the main contactor
ERR-ERR-300 320	Low voltage (battery voltage drop)
ALA-ALA- 320	Warning of incorrect operation training
ERR-ERR-301 321	movement control module (short-circuit the upper and lower FET)
ERR-ERR-301 321	movement system controller (Short upper side)
ERR-ERR-301 321	movement system controller (Short lower side)
ERR-ERR-301 321	movement system controller (Damage phase conductors U)
ERR-301 ERR-3214	movement system controller (Damage phase conductor V)
ERR-ERR-301 321	movement system controller (Damage phase conductor W)
ERR-301	Defect fast it is charging circuit (capacitor charging circuit defect between P and N)
ALA-ALA- 322	movement system controller (temperature increase)
ERR-302 ERR-3221	movement system controller (temperature is not correct)
ALA-ALA- 323	Hydraulic movement (temperature increase)
ERR-303 ERR-3231	Hydraulic movement (temperature is not correct)

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ERR-303 ERR-3230	Short-circuiting between the phases of movement of the hydro motor (Short load circuits).
ERR- ERR-305 325	temperature sensor fault movement system controller
ERR-305 ERR-3251	temperature sensor failure motor movement
ERR- ERR-305 325	Wrong sensor output current in the movement system (phase U, phase W)
ERR- ERR-305 325	Malfunction of the accelerator, the accelerator switch
ERR-305	Fault wheel angle potentiometer. (Measured angle is not correct)
ERR- ERR-305 325	motor speed sensor of movement (A phase output signal is not sootsponds to normal).
ERR- ERR-305 325	motor speed sensor movement (output of phase B is not sootsponds to normal).
ERR-306	Malfunction of front-reverse switch
ERR-306	Fault logic seating sensor element _a and _b seat sensor.
ERR-ERR- 308 308 ERR-ERR- 3281 328	Fault CAN communication channel. (Malfunction of the communication channel)

Fault code panel instrumentation (Controller handling)

Code	The fault description
ERR-5004	Low voltage (battery voltage drop)
ALA-5005	Warning of incorrect operation training
ERR -5010	Controller handling (short-circuit the upper and lower FET)
ERR -5011	Controller handling (Short upper side)
ERR -5012	Controller handling (Short lower side)
ERR -5013	Controller handling (Damage phase conductors U)
ERR -5014	Controller handling (Damage phase conductor V)
ERR -5015	Controller handling (Damage phase conductor W)
ALA-5021	Controller handling (temperature increase)
ERR -5021	Controller handling (temperature is not correct)
ERR-5030	Short circuit of the pump motor phases (short circuit load circuits)
ALA-5031	Motor pump (temperature increase)
ERR -5031	Motor pump (temperature is not correct)
ERR-5040	Input external controller beyond the normative range
ERR -5050	Temperature Sensor Controller Fault handling
ERR -5051	Fault pump motor temperature sensor
ERR -5052	Wrong output current sensor signal to the handling system (phase U, phase W)
ERR -5055	Malfunction of the steering wheel angle sensor (measured angle is not correct)
ERR -5057	Fault pump motor rotation speed sensor

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ERR-5081	Fault CAN communication channel (communication channel has failed)
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