# BIGLA30-T/BIELA14-T Event Codes Quick Reference

| EVENT CODE | EVENT MESSAGE | EXPLANATION | CORRECTIVE ACTION | PARTS TO CARRY ON SERVICE CALL | TIME ALLOWED (HRS) | POSSIBLE TOOLS NEEDED |
|---|---|---|---|---|---|---|
| **E13** | TEMPERATURE PROBE FAILURE | A. TEMP Probe reading out of range.<br>B. Bad Connection.<br>C. Problem with the temperatur e measuring circuitry including the probe. | A. Press the "?" button on the bottom of the controller associated with the probe. Press the down arrow. Press the Software version button. Initializing is displayed. Once the versions are displayed press the down button. Compare actual vat temperature to vat temperature displayed. If the temperature is missing or there is a large difference between temperatures go to the next step.<br>B. Ensure temperature probe is connected properly to J11 on the SIB board (see section 1.8 of the BIGLA30-T service manual). Ensure that the connector is terminated properly.<br>C. Check resistance of probe against the chart in section 1.17 of the BIGLA30-T service manual, if defective replace the probe (see section 1.14.4 of the BIGLA30-T service manual). | Gas – 8263285<br>Elec –8075634 | 1.0<br>1.0 | 7/8" deep socket with slot #8150386<br>Multi-meter |
| **E16** | HIGH LIMIT 1 EXCEEDED | High limit temperature is past more than 410°F (210°C), or | Ensure temperature read out is correct. If not check probe circuit (see event code E13 troubleshooting). | SIB board - 1085979 | 1.0 | Multi-meter<br>6 and 1 driver |

**NOTE: When going on any service call the standard set of basic tools including a multimeter should be taken as well as any additional tools or parts listed. Ensure the BIGLA-T or BIELA-T Installation and Operation and Service manuals are taken on the service call. The most current manuals are located at www.frymaster.com.**

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| | | in CE countries, 395°F (202°C). | Ensure the fryer is not overheating. If so, check the latch and heat relays to ensure they are operating correctly (see LED's 1 and 3 in SIB board illustration in section 1.8 of the BIGLA30-T service manual). If not replace the SIB board (see section 1.14.2 of the BIGLA30-T service manual). | | | |
| **E17** | HIGH LIMIT 2 EXCEEDED | High limit switch has opened. Vat temperature is high enough to open the physical bi-metallic high limit switch or the switch has failed. | Ensure temperature read out is correct. If not check probe circuit (see event code E13 troubleshooting).<br>The high limit is attached to J1 connector, pins 3 and 4 on the SIB board.<br>Ensure the fryer is not overheating. If so, check the latch and heat relays to ensure they are operating correctly (see LED's 1 and 3 in SIB board illustration in section 1.8 of the BIGLA30-T service manual). If not replace the SIB board (see section 1.14.2 of the BIGLA30-T service manual).<br>If the latch and heat relays are operating correctly replace the high limit (see section 1.14.4 of the BIGLA30-T service manual). | High Limit Gas – 8261177<br>High Limit Elec – 8262454<br>SIB board - 1085979 | 1.0<br>1.0 | 7/8" deep socket with slot #8150386<br>Multi-meter<br>6 and 1 driver |
| **E18** | HIGH LIMIT PROBLEM DISCONNECT | Vat temperature exceeds 460°F (238°C) and the | Ensure temperature read out is correct. If not check probe circuit (see event code E13 | High Limit Gas – 8261177<br>High Limit Elec – | 1.0<br>1.0 | 7/8" deep socket with slot #8150386<br>Multi-meter |

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| | POWER | high limit has failed to open. Immediately disconnect power. Failed high-limit. | troubleshooting).<br>The high limit is attached to J1 connector, pins 3 and 4 on the SIB board.<br>Ensure the fryer is not overheating. If so, check the latch and heat relays to ensure they are operating correctly (see LED's 1 and 3 in SIB board illustration in section 1.8 of the BIGLA30-T service manual). If not replace the SIB board (see section 1.14.2 of the BIGLA30-T service manual).<br>If the latch and heat relays are operating correctly replace the high limit (see section 1.14.4 of the BIGLA30-T service manual). | 8262454<br>SIB board - 1085979 | | 6 and 1 driver |
| **E19** | HEATING FAILURE – XXX F or XXX C | Heating Control latch circuit failed.<br>Heat Contactor failed to latch on electric fryer.<br>A. Heat or latch circuit failed.<br>B. SIB failure | A. Check the heat or latch circuit, using the component check to check function in section 1.5 of the BIGLA30-T service manual correctly (see LED's 1 and 3 in SIB board illustration in section 1.8 of the BIGLA30-T service manual).<br>B. Replace the SIB board (see section 1.14.2 of the BIGLA30-T service manual). | SIB board - 1085979 | 1.0 | 6 and 1 driver |
| **E25** | HEATING FAILURE - BLOWER | The air pressure switch(s) failed to close after the blower was activated. | A. Check the blower using the component check to check function in section 1.5 of the BIGLA30-T service manual.<br>If the blower is dirty, clean the | Pressure Switch FV/DV 8263465<br>Blower FV 50Hz 1085699SP<br>Blower FV 60Hz | 1.5 | 7/16" Socket<br>6 and 1 driver<br>Multi-meter<br>¼" ratchet with |

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| | | A. Dirty blower.<br>B. Loss of power to blower.<br>C. Defective blower.<br>D. Defective pressure switches or connection. | blower (see section 1.14.7 of the BIGLA30-T service manual).<br>B. Ensure the blower has power. Unplug and check voltage when blower is toggled on using the component check in action "A".<br>If the blower is clean and has power but doesn't power up, replace the blower (see section 1.14.7 of the BIGLA30-T service manual).<br>C. If the pressure switch fails to close, check the connection (SIB J2 pins 5 and 6). If the connection is secure, replace the pressure switch. | 1062999SP<br>Blower DV 50Hz<br>1086012SP<br>Blower DV 60Hz<br>8263472 | | extension |
| **E27** | HEATING FAILURE - PRESSURE SWITCH - CALL SERVICE | The air pressure switch has failed closed. | If the pressure switch is closed with the blower off, the air pressure switch vent tube may be blocked. The pressure switch is stuck or defective. Replace the pressure switch. | Pressure Switch FV/DV 8263465 | 1.0 | 6 and 1 driver<br>Multi-meter |
| **E28** | HEATING FAILURE – XXX F or XXX C | The fryer has failed to ignite and has locked out the ignition module.<br>Probable causes:<br>A. Air in the gas lines that needs purged.<br>B. Failed or | A. Turn off the vat with the issue and back on again to see if issue corrects itself. This may need to be done several times if air is in the gas line.<br>B. Ensure that the gas valve is turned on to the fryer.<br>C. Ensure the blower is clean and operational. If the blower is dirty, clean the blower (see section 1.14.7 of the BIGLA30-T | Blower FV 50Hz<br>1085699SP<br>Blower FV 60Hz<br>1062999SP<br>Blower DV 50Hz<br>1086012SP<br>Blower DV 60Hz<br>8263472<br>Blower Relay - 8071683<br>Time Delay Relay – | 1.5 | 7/16" Socket<br>6 and 1<br>Driver<br>Multi-meter with micro-amps<br>¼" ratchet with extension |

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| | | closed gas valve.<br>C. Dirty /failed blower.<br>D. Low micro amps.<br>E. Improper gas pressure.<br>F. Defective/dis connected flame sensor wire.<br>G. Defective ignitor/igniti on cable<br>H. Defective ignition module.<br>I. Failed SIB.<br>J. Open high-limit thermostat. | service manual).<br>D. Ensure the micro-amps are correct. See section 1.13 of the BIGLA30-T service manual.<br>E. Ensure the gas pressure matches the pressure on the rating plate.<br>F. Ensure the flame sensor wire is secure and properly measuring the flame current (see section 1.13 of the BIGLA30-T service manual).<br>G. Ensure the ignition cable is secure and not defective. Ensure the ignitor is working properly. If not replace the ignitor (see section 1.14.6 of the BIGLA30-T service manual).<br>H. If the alarm signal continues on the ignition module without a cause, replace the module (see section 1.14.5 of the BIGLA30-T service manual).<br>I. Replace the SIB (see section 1.14.2 of the BIGLA30-T service manual).<br>J. Ensure the high-limit thermostat is not open. The high limit is attached to J1 connector, pins 3 and 4 on the SIB board. If the high limit is open replace the high limit (see section 1.14.4 of the BIGLA30-T service manual). | 8075731<br>Ignitor NG 8263054<br>Ignitor Pro 8263189<br>Gas Valve NG 8104339<br>Gas Valve Pro 8100802<br>Ignition Cable 8075614<br>Rajah Connector 8073484<br>Module 8075691<br>SIB board – 1085979<br>High Limit Gas – 8261177<br>High Limit Elec – 8262454 | | |

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| **E29** | TOP OFF PROBE FAILURE - CALL SERVICE | ATO (Automatic Top Off) RTD reading out of range.<br>A. Shorted or Open ATO RTD probe.<br>B. Bad Connection | A. With ATO probe **covered in oil**, press the "?" button. Press the down arrow. Press Software Version. Press the down arrow and ensure the actual vat temperature and ATO RTD temperature are within ± 10C. If temperature reading is missing, unplug the ATO probe from the J3 connector on the SIB board and check ATO probe resistance. Check resistance of probe against the chart in section 1.17 of the BIGLA30-T service manual, if defective replace the probe (see section 1.14.4 of the BIGLA30-T service manual).<br>B. Ensure ATO probe is connected properly to J3 connector on the SIB board. Ensure that the connector is terminated properly. | ATO Probe 8263286 | 1.0 | 9/16" socket<br>7/16" wrench<br>Multi-meter |
| **E32** | DRAIN VALVE NOT OPEN - FILTRATION AND TOP OFF DISABLED - CALL SERVICE | Drain valve was trying to open and confirmation of position is missing.<br>A. Actuator is disconnecte d or has | A. Ensure the actuator is properly connected and functioning. Use the component check to check function of actuator in section 1.5 of the BIGLA30-T service manual.<br>1) If actuator doesn't function ensure the actuator is plugged into | Actuator – Blue 8075809<br>Actuator – Black 8075808<br>VIB Board – 1085996<br>Power Supply - 8075855<br>FIB Board - | 1.0<br><br>1.0<br><br>1.0 | Allen head wrench 3/32"<br><br>6 and 1 driver<br>¼" and 5/16" nut<br>Multi-meter driver<br>6 and 1 driver |

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| | | failed.<br>B. Valve Interface Board (VIB)/Filtration Interface Board (FIB) has lost power or failed.<br>C. Power supply failed. | the proper connection on the VIB board (J5 for FV or Right DV drain and J6 for Left DV drain (see section 1.21 of the BIGLA30-T service manual)).<br>2) Test the actuator by plugging into another connector. If the actuator operates, replace the VIB board (see section 1.21.3 of the BIGLA30-T service manual).<br>3) Reset power to the fryer. If it still doesn't operate, replace the actuator (see section 1.21.4 of the BIGLA30-T service manual).<br>B. Ensure that the VIB and FIB board software versions are present to indicate communication. Press the "?" button. Press the down arrow. Press Software Version. Press the down arrow and ensure the VIB and FIB software versions have some number other than all zeros.<br>1) Ensure the LED 4 indicating 24VDC is illuminated on the FIB board. The test point next to it should read 24VDC | 1086575 | 1.0 | |

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| | | | (see section 1.18.5 of the BIGLA30-T service manual). If not replace the FIB board.<br>C. Ensure power supply is functioning correctly in FIB box with 24VDC exiting the power supply, if not replace the power supply (see section 1.18.5 of the BIGLA30-T service manual). | | | |
| **E33** | DRAIN VALVE NOT CLOSED - FILTRATION AND TOP OFF DISABLED - CALL SERVICE | Drain valve was trying to close and confirmation is missing.<br>See explanation for event E32. | See troubleshooting for event E32 for corrective actions. | Actuator – Blue 8075809<br>Actuator – Black 8075808<br>VIB Board – 1085996<br>Power Supply - 8075855<br>FIB Board - 1086575 | 1.0<br><br><br>1.0<br><br>1.0<br><br>1.0 | Allen head wrench 3/32″<br><br>6 and 1 driver<br>¼″ and 5/16″ nut driver<br>Multi-meter<br>6 and 1 driver |
| **E34** | RETURN VALVE NOT OPEN - FILTRATION AND TOP OFF DISABLED - CALL SERVICE | Return valve was trying to open and confirmation is missing.<br>A. Actuator is disconnected or has failed.<br>B. Valve Interface Board (VIB)/Filtratio | A. Ensure the actuator is properly connected and functioning. Use the component check to check function of actuator in section 1.5 of the BIGLA30-T service manual.<br>1) If actuator doesn't function ensure the actuator is plugged into the proper connection (J7 for FV or Right DV return, J8 for Left DV return) (see section 1.21 of the | Actuator – Blue 8075809<br>Actuator – Black 8075808<br>VIB Board – 1085996<br>Power Supply - 8075855<br>FIB Board - 1086575 | 1.0<br><br><br>1.0<br><br>1.0<br><br>1.0 | Allen head wrench 3/32″<br><br>6 and 1 driver<br>¼″ and 5/16″ nut driver<br>Multi-meter & 6 and 1 driver |

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| | | n Interface Board (FIB) has lost power or failed.<br>C. Power supply failed. | BIGLA30-T service manual)).<br>2) See additional troubleshooting steps for event E32. | | | |
| **E35** | RETURN VALVE NOT CLOSED - FILTRATION AND TOP OFF DISABLED - CALL SERVICE | Return valve was trying to close and confirmation is missing.<br>See explanation for event E34 above. | See troubleshooting for event E34. | Actuator – Blue 8075809<br>Actuator – Black 8075808<br>VIB Board – 1085996<br>Power Supply - 8075855<br>FIB Board - 1086575 | 1.0<br><br><br>1.0<br><br>1.0<br><br>1.0 | Allen head wrench 3/32″<br><br>6 and 1 driver<br>¼″ and 5/16″ nut driver<br>Multi-meter<br>6 and 1 driver |
| **E36** | VALVE INTERFACE BOARD FAILURE - FILTRATION AND TOP OFF DISABLED - CALL SERVICE | A. No power to the VIB board.<br>B. VIB board failure. | A. Press the "?" button on the bottom of the controller associated with the event. Press the down arrow. Press the Software version button. Initializing is displayed. Once the versions are displayed ensure the VIB software version is displayed and the software version has some number other than all zeros.<br>Ensure the 6-pin P-Bus cable is securely connected to the pin J2 connector on the VIB board (see section 1.21 of the BIGLA30-T service manual). | VIB Board – 1085996<br>Power Supply - 8075855<br>FIB Board – 1086575<br>Cable –FIB to VIB 8075810<br>Cable –SIB to VIB 8075555 | 1.0<br><br>1.0<br><br>1.0<br><br>.50<br><br>.50 | 6 and 1 driver<br>¼″ and 5/16″ nut driver<br>Multi-meter<br>6 and 1 driver |

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| | | | Ensure the other end of the cable is securely attached to the J9 or J10 connector of the SIB board in the component box (see section 1.8 of the BIGLA30-T service manual). Ensure the J3 and J4 cables are securely connected (see section 1.21 of the BIGLA30-T service manual).<br><br>Ensure the LED 4 indicating 24VDC is illuminated on the FIB board. The test point next to it should read 24VDC (see section 1.18.5 of the BIGLA30-T service manual). If not replace the FIB board.<br>If voltage is present at the FIB board but not on the VIB board, replace the cable between the SIB and VIB boards.<br>B. If replacing the cable between the FIB and VIB boards doesn't correct the issue, the VIB board may have failed. Replace the VIB board (see section 1.21.3 of the BIGLA30-T service manual). | | | |
| **E37** | AUTOMATIC INTERMITTENT FILTRATION PROBE FAILURE - | A. AIF (VIB Probe) RTD reading out of range.<br>B. Bad | A. Press the "?" button on the bottom of the controller associated with the probe. Press the down arrow. Press the Software version button. | AIF (VIB Probe) RTD 8263287 | 1.0 | 9/16" socket<br>7/16" wrench<br>Multi-meter |

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| | FILTRATION DISABLED - CALL SERVICE | Connection.<br>C. Problem with VIB probe. | Initializing is displayed. Once the versions are displayed press the down button. Compare Actual Vat Temp to the AIF RTD TEMP displayed. If the temperature is missing or there is a large difference between temperatures go to the next step.<br>B. Ensure the 20-pin harness is securely connected to the J1 connector on the (AIF) VIB board (see section 1.21 of the BIGLA30-T service manual). Ensure that the (AIF) VIB probe pins are secured in pins 1-4 of the J1 connector.<br>C. Check resistance of the probe against the chart in section 1.17 of the BIGLA30-T service manual, if defective replace the probe (see section 1.14.4 of the BIGLA30-T service manual). | | | |
| **E39** | CHANGE FILTER PAD | 25 hour timer has expired or dirty filter logic has activated. | Change the filter pad or paper. | | | |
| **E41** | No message is displayed but the event is present in the event log. | The system detects that oil may be present in the filter pan.<br><br>A. Plugged or | Remove the filter pan and check for oil. If oil exists follow the prompts on the controller to return the oil or use the filter menu and select fill vat from drain pan. | O-Ring 8263288<br>Filter Pump - 8263191<br>Filter Pump Motor - 8261785 | .25<br><br>1.5<br><br>1.5 | 6 and 1 driver<br>7/16" socket<br><br>7/16" wrench |

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| | | dirty filter pad.<br>B. Pre-filter may be plugged.<br>C. Worn O-rings.<br>D. Filter pump issues. | A. If the oil cannot be returned, check for a plugged filter or other obstruction (see section 1.15.5 of the BIGLA30-T service manual)). The filter may need to be changed.<br>B. Clean the pre-filter (see section 1.15.5 of the BIGLA30-T service manual).<br>C. Ensure the O-rings are present and in good condition on the pick-up tube (see section 5.2 of the BIGLA30-T IO manual).<br>D. Ensure the filter pump is working (see section 1.15.5 of the BIGLA30-T service manual). If the filter pump motor or filter pump needs replaced (see section 1.14.11 of the BIGLA30-T service manual). | | | |
| **E42** | CLOGGED DRAIN (Gas) | Vat did not empty during filtration.<br>A. Debris has clogged the drain valve.<br>B. Dirty OIB sensor. | A. Use the fryers friend to clear debris from the drain valve.<br>B. Ensure the OIB sensor is clean (see section 6.6.2 of the BIGLA30-T IO manual). | | .5 | Wire brush, scraper |
| **E43** | OIL SENSOR FAILURE - CALL SERVICE | OIB oil sensor may have failed or didn't detect the change between oil and air. | A. Ensure the OIB sensor is clean (see section 6.6.2 of the BIGLA30-T IO manual). If so, and the issue continues, ensure the OIB sensor is working (see section 1.21.5 | OIB Sensor - 1085578 | 1.0 | 7/8" deep socket with slot #8150386 |

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| | | | and 1.21.5.1 of the BIGLA30-T service manual). If the OIB sensor is not working the OIB sensor may have failed, replace the OIB sensor (see section 1.14.3 of the BIGLA30-T service manual). | | | |
| **E44** | RECOVERY FAULT | Recovery time exceeded maximum time limit. | Acknowledge by pressing the check button.<br>Ensure the operator is not adding oil/shortening to the vat during the recovery check, which is when the fryer temperature is heating between 250°F to 300°F (121°C to 149°C). If so turn the fryer off, let the fryer cool below 250°F (121°C) and then power back up to run another recovery check. | | | |
| **E45** | RECOVERY FAULT – CALL SERVICE | Recovery time exceeded maximum time limit for three or more consecutive E44 recovery faults cycles. | Acknowledge by pressing the check button.<br>Reset the error by pressing the Home button, then the Service button, then the next Service button. Enter 1650. Press Tech Modes. Press Resets. Press Recovery Fault Call Service. Press Yes at Confirm prompt. Controller displays Reset completed successfully. Press the Check button. Press the home button to exit.<br>Recovery time – is a method of measuring a fryer's performance. | | 1.0 | 6 and 1 Driver<br>Micro-amp meter<br>Gas pressure measuring device |

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| | | | It is the time required for the fryer to increase the oil temperature from 250°F to 300°F (121°C to 149°C).<br>1) Press the "?" button on the bottom of the controller associated with the event. Press the Recovery button. The maximum gas recovery time should be 3:15 or below.<br>2) Ensure the operator is not adding oil/shortening to the vat during the recovery check, which is when the fryer temperature is heating between 250°F to 300°F (121°C to 149°C). If so turn the fryer off, let the fryer cool below 250°F (121°C) and then power back up to run another recovery check.<br>3) Check that fryer is heating properly. If gas, check the gas pressure. Ensure the gas pressure matches the pressure on the rating plate. Check micro-amps, ensure the flame sensor wire is secure and properly measuring the | | | |

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| | | | flame current (see section 1.13 of the BIGLA30-T service manual). Check flame color (see section 1.14.8 of the BIGLA30-T service manual). If electric, ensure the correct voltage is at the receptacle and matches the rating plate. Ensure the power cords are completely seated into the receptacle. | | | |
| **E46** | SYSTEM INTERFACE BOARD 1 MISSING - CALL SERVICE | A. SIB board 1 communication lost.<br>B. Board failure. | A. Press the "?" button on the bottom of the controller associated with the event. Press the down arrow. Press the Software version button. Initializing is displayed. Once the versions are displayed ensure the software version displayed for SIB 1 is something other than all zeros. If all zeros are displayed check the CAN connections between the missing board and other boards (see section 1.24.4 of the BIGLA30-T service manual).<br>Ensure all cables are securely connected. If communication is still not restored after checking cables, replace the | SIB board – 1085979<br>Cable SIB1 to SIB2 – 8075553<br>Cable SIB1 to SIB1 – 8075549 | 1.0<br>.50<br>.50 | 6 and 1 driver |

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| | | | cables.<br>B. If no LED's are illuminated the SIB board may have failed. Replace the SIB board (see section 1.14.2 of the BIGLA30-T service manual). | | | |
| **E51** | DUPLICATE BOARD ID - CALL SERVICE | Two or more controllers have the same location ID. | Ensure the locator plug on each controller has the correct pin configuration. See wiring diagram 8052002 in section 1.24.4 of the BIGLA30-T service manual) for pin location. | | 1.25 | Pin tool # 2302345 |
| **E53** | CAN BUS ERROR - CALL SERVICE | Communication lost between boards. | Press the "?" button on the bottom of the controller associated with the event. Press the down arrow. Press the Software version button. Initializing is displayed. Once the versions are displayed ensure all the software versions are displayed. If one has all zeros displayed, check the CAN connections between the missing board and other boards (see section 1.24.4 of the BIGLA30-T service manual). | Cable –SIB to FIB 8075551<br>Cable SIB1 to SIB1 – 8075549 | 1.25 | 6 and 1 driver |
| **E55** | SYSTEM INTERFACE BOARD 2 MISSING - CALL SERVICE | A. SIB board 2 connections lost.<br>B. Board failure. | A. Press the "?" button on the bottom of the controller associated with the event. Press the down arrow. Press the Software version button. Initializing is displayed. Once the versions are displayed ensure the software version | SIB board – 1085979<br>Cable SIB1 to SIB2 – 8075553<br>Cable SIB1 to SIB1 – 8075549 | 1.0<br>.50<br>.50 | 6 and 1 driver |

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| | | | displayed for SIB 2 is some number other than all zeros. If all zeros, ensure the cable from the SIB2 to SIB1 is securely connected. Check CAN connections between the missing board and other boards. Ensure all cables are securely connected. If communication is still not restored after checking cables, replace the cables.<br>B. If no LED's are illuminated the SIB board may have failed. Replace the SIB board (see section 1.14.2 of the BIGLA30-T service manual). | | | |
| **E61** | MISCONFIGURED ENERGY TYPE | The controller is configured for the incorrect energy type. | Set the correct energy type in Settings – Service. | | .25 | |
| **E62** | VAT NOT HEATING CHECK ENERGY SOURCE | The vat is not heating on initial startup. | 1) Press the power button to acknowledge.<br>2) Ensure the gas line is connected to the fryer.<br>3) On gas fryers ensure both the internal and external gas valves are in the ON position.<br>4) On gas fryers ensure any gas shut-off is turned ON.<br>5) On gas fryers verify that any quick disconnect is properly connected. | | | |

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|---|---|---|---|---|---|---|
| | | | 6) On gas fryers ensure any air blowers are operating. See E25 troubleshooting.<br>7) On electric ensure the three phase power is connected and reset breakers are on.<br>8) On electric fryers ensure the correct voltage at the receptacle matches the rating plate and that the power cords are completely seated into the receptacle.<br>9) Ensure the fryer is heating properly. | | | |
| **E63** | No message is displayed but the event is present in the event log. | Rate of rise event occurred during a recovery test. | 1) Ensure the vat is full of oil and the oil level is not low. Ensure the oil level is at the low oil level line. If using solid shortening ensure the shortening is packed down into the cold zone of the fryer and is at the low oil level line.<br>2) On electric fryers ensure the correct voltage at the receptacle matches the rating plate.<br>3) On electric fryers ensure the temperature probe is not touching the elements. | | .5 | Multi-meter |
| **E64** | FILTRATION INTERFACE BOARD FAILURE - FILTRATION | A. Filtration Interface Board connections lost. | A. Press the "?" button on the bottom of the controller associated with the event. Press the down arrow. Press the Software version button. | Cable –SIB to FIB 8075551<br>FIB Board – 1086575<br>Power Supply - | .05<br>1.0<br>1.0 | 6 and 1 driver<br>6 and 1 driver<br>¼" and 5/16" nut driver |

| EVENT CODE | EVENT MESSAGE | EXPLANATION | CORRECTIVE ACTION | PARTS TO CARRY ON SERVICE CALL | TIME ALLOWED (HRS) | POSSIBLE TOOLS NEEDED |
|---|---|---|---|---|---|---|
| | AND TOP OFF DISABLED - CALL SERVICE | B. Board failure. | Initializing is displayed. Once the versions are displayed ensure the FIB software version is displayed with some number other than all zeros.<br><br>Ensure communication cable is secured in the J3 connector of the FIB board (see section 1.18.5 of the BIGLA30-T service manual). Ensure the other end is secure in J7 of the SIB board (see section 1.8 of the BIGLA30-T service manual).<br><br>Ensure the terminator plug is securely seated into the J4 connector on the FIB board (see section 1.18.5 of the BIGLA30-T service manual).<br><br>Ensure the harness is secured to the J1 connector on the FIB board (see section 1.18.5 of the BIGLA30-T service manual).<br><br>LED 4 should be illuminated. If not, check pins 1 and 2 of J1 at the FIB board, should read 24 VDC (see section 1.18.5 of the BIGLA30-T service manual).<br>B. If no LED's are illuminated the | 8075855<br>CAN Terminator-<br>8075632 | .50 | Multi-meter |

| EVENT CODE | EVENT MESSAGE | EXPLANATION | CORRECTIVE ACTION | PARTS TO CARRY ON SERVICE CALL | TIME ALLOWED (HRS) | POSSIBLE TOOLS NEEDED |
|---|---|---|---|---|---|---|
| | | | power supply or board may have failed. Replace the power supply or the FIB board (see section 1.18.5 of the BIGLA30-T service manual). | | | |
| **E65** | CLEAN OIB SENSOR – XXX F OR XXX C - | Gas -The oil is back sensor does not detect oil. | Ensure the OIB sensor is clean. Clean oil sensor (see section 6.6.2 in BIGLA30-T IO manual). | | .5 | Wire brush, scraper |
| **E67** | SYSTEM INTERFACE BOARD NOT CONFIGURED - CALL SERVICE | The SIB board is not configured. | Replace the SIB board (see section 1.14.2 of the BIGLA30-T service manual). | SIB board – 1085979 | 1.0 | 6 and 1 driver |
| **E68** | OIB FUSE TRIPPED – CALL SERVICE | The VIB board OIB fuse has tripped and didn't reset. | OIB fuse on VIB board failed. Wait for 30 minutes to see if thermal fuse resets. If not, replace the VIB board Replace the VIB board (see section 1.21.3 of the BIGLA30-T service manual). | VIB Board – 1085996 | 1.0 | 6 and 1 driver |
| **E69** | RECIPES NOT AVAILABLE – CALL SERVICE | The controller has not been programmed with product recipes. | Replace controller with factory programmed controller (see section 1.14.1 of the BIGLA30-T service manual). | Controller - 1086726 | 1.0 | 6 and 1 driver |