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Speed queen washer error code e fl

09-03-2015, 07:17 PM Join Date: Sep 2015 Location: Brooklyn Posts: 140 LB Speed Queen washer Error type is E:FL - Fill Error E:FL - Fill Error.Pressure switch fails to open in 30 minutes in any fill agitate cycle. We increased flow into cold supply. It has a strong water flow in the beginning of cycle, then gets weaker. Timer on washer stops counting down at 14 minute mark. Tell me how to fix? Thank you! 09-03-2015, 11:35 PM Premium Member Join Date: Apr 2007 Location: California Posts: 950 Check that your drain valve doesn't have something stuck in it letting the the water go out as it's trying to fill. 09-03-2015, 11:43 PM Moderator Join Date: Sep 2008 Location: Mildura Australia Posts: 1,293 Tube and airdome to pressure switch, remove, check for holes and clean out with hot water. When you think it is clean enough, you are 1/2 way there. Dryer Display Description Cause/Corrective Action Alrn, or ALrn Break-in Alarm Error Service the service door or coin vault switches. door Door Open Indicator Door is not closed during an active cycle. If door is closed, check for improper wiring or inoperative door switches. E:rr or Er Coin Error Invalid coin pulse or inoperative coin sensor. Check coin drop area and remove obstructions. If error persists, tampering may have occurred. Evaluate security procedures. E:00 General Error Re-aim external device and try again. E:01 Proximity Error External device is improperly aimed at infrared communicator (angle or distance). Re-aim external device and try again. E:02 IR Communication Disconnection External device removed before communication complete. Re-aim external device and try again. E:03 Invalid Value Communication Invalid code downloaded from external device to Electronic Control. Before downloading, ensure data is for current machine type. E:07 Inoperative Control Replace control. E:08 Inoperative Control Replace control. E:09 Proximity Error External device is improperly aimed at infrared communicator (angle or distance). Re-aim external device and try again. E:0A Proximity Error External device is improperly aimed at infrared communicator (angle or distance). Re-aim external device and try again. E:0B IR Communication Disconnection External device removed before communication complete. Re-aim external device and try again. E:0C IR Communication Disconnection External device removed before communication complete. Re-aim external device and try again. E:0F IR Communicator Programmed Off Reprogram infrared communicator on. Manually enable IR on control/Re-aim external device and try again. E:OP Open Temperature Sensor Error Open temperature sensor circuit wiring. Change sensor. E:SH Shorted Temperature Sensor Error Short in temperature sensor circuit wiring. Change sensor. EC:00 General Communication Error Communication failure. Try card again. EC:02 or EC02 Timeout Error Communication failure. Try card again. EC:03 or EC03 Invalid Command Code Communication successful, but the command was not valid for this machine type, or the control could not perform the command in its current mode of operation. Before downloading, ensure data is for current machine type and control is in correct mode. EC:05 or EC05 Invalid or Out-of-Range Data Incorrect machine type or the value in at least one of the programming options is invalid or out of range. Before downloading, ensure data is for current machine type and recheck the programming option's value and try again. EC:06 Invalid Data Code Incorrect machine type. Before downloading, ensure data is for current machine type. EC:09 Corrupted Data Error Communication error. Try card again. Dryer Display Description Cause/Corrective Action EC:0A Invalid Machine Type Incorrect machine type. Before downloading, ensure data is for current machine type. EC:19 or EC19 No Card Reader Communication Communication failure. Check card reader, control and harness. Power down, power up and try again. If error persists, replace control or card reader. EC:20 Unreadable Card Inoperative card/ dirty contact. Clean chip on card or card reader contacts. Try card again. If error persists, card may be inoperative. EC:21 Security ID Mismatch Wrong card. Use card with correct security code. EC:22 Site Code Mismatch Wrong card. Use card with correct site code. EC:23 Card Maximum Value Exceeded Value on card over max. Use a card which does not exceed maximum value. EC:24 Insufficient Memory on Card Card memory is full. Download card contents to PC and clear card for re-use. EC:25 Card Reader Malfunction Inoperative Card Reader. Card Reader may need to be replaced. EC:26 Card Write Error Try card again. If error persists, card may be inoperative. EC:27 Diagnostic Test Card Write Failure Inoperative Card Reader. Card Reader may need to be replaced. EC:28 Diagnostic Test Card Read Failure Inoperative Card Reader. Card Reader may need to be replaced. EC:29 Diagnostic Test Memory Test Failure Inoperative Card Reader. Card Reader may need to be replaced. EC:2A Diagnostic Test Card Interface Failure Inoperative Card Reader. Card Reader may need to be replaced. EC:2b Diagnostic Test Flash Checksum Failure Inoperative Card Reader. Card Reader may need to be replaced. EC:2C Biberon or Non-biberon Device Failure Faulty card reader. Replace card reader. EC:2d Firmware Update Failed, S/W (Software) Intact Firmware loaded failed. Replace card reader. EC:2E Firmware Update Failed, S/W Not Intact Faulty firmware in reader. Replace card reader EC:2F Firmware Updated, S/W Not Intact Faulty firmware in reader. Replace card reader. Dryer Display Description Cause/Corrective Action EC:30 Timeout Error Card Reader may need to be replaced EC:31 Hotlisted Card Inserted Into Reader Card hotlisted. Control will destroy card. EC:50 Loyalty Purse Read Error Try card again. If error persists, card may be inoperative. EC:56 Loyalty Purse Write Error Try card again. If error persists, card may be inoperative. EC11 No Card Reader Initialization Communication is valid, but there is no card reader initialization. Power down, power up and try again. EC18 No Communication Card reader initialized, communication lost. Power down, power up and try again. If error persists, replace control or card reader. EC36 Audit Card Removed Prematurely Re-insert audit card and wait until machine prompts for card removal. E!00 General Communications Errors Communication failure. Re-aim external device and try again. E!01 or E!01 Transmission Failure Communication failure. Re-aim external device and try again. E!02 or E!02 Device Timeout/Timeout Error Communication failure. Re-aim external device and try again. E!03 or E!03 Invalid Command Code Communication successful, but the command was not valid for this machine type, or the control could not perform the command in its current mode of operation. Ensure data is for current machine type and control is in correct mode. E!04 or E!04 Expecting Upload Request or Command Packet Time Out Communication failure. Re-aim external device and try again. E!05 or E!05 Invalid or Out-of-Range Data Incorrect machine type or the value in at least one of the programming options is invalid or out of range. Before downloading, ensure data is for current machine type, values entered are within the minimum and maximum limits and recheck the programming option's value and try again. E!06 Invalid Data Code Incorrect machine type. Before downloading, ensure data is for current machine type. E!07 Error Writing to RTC Control failure. Control may need to be replaced. E!08 Error Writing to EPROM Control failure. Control may need to be replaced. Dryer Display Description Cause/Corrective Action E!09 or E!09 CRC-16 Error Communication failure. Re-aim external device and try again. E!0A Invalid Machine Type Incorrect machine type. Before downloading, ensure data is for current machine type. E!0F or E!0F Invalid Wakeup or IR Disabled Communication failure or IR is disabled. Manually enable IR on control/Re-aim external device and try again. E!0A Framing Error Communication error. Re-aim external device and try again. E!0C Time-out Exceeded Communication error. Re-aim external device and try again. E!0E Encryption Error Incorrect machine type. Before downloading, ensure data is for current machine type and check security code and retry. EoP or EoP Open Thermistor Error Remove any lint build-up around thermistor. If problem persists, replace control or thermistor. ESH or E SH Shorted Thermistor Error Remove any lint build-up around thermistor. If problem persists, replace control or thermistor. E id Board ID Incorrect replacement control. Replace user control or output board with correct part. E d5 Brownout/Voltage Configuration Unexpected supply voltage. Check the harness connections between the user control and the output board. If the user control was replaced, set dipswitch #1 to the same setting as the previous control. If reworking the machine to use a different supply voltage, the dip switch #1 setting may need to be changed. If the dip switch #1 setting is changed, power down, power up and try again. E nr Output Board Not Ready Hardware failure. Replace output board. E bS Output Board Communication Hardware failure. Replace output board. EnXX Machine ID Communication failure. Power down, power up and try again. If error persists, check connection between user control and Machine ID chip, or try replacing the user control or the Machine ID chip. Dryer Display Description Cause/Corrective Action E Co Output Board Communication Communication failure. Power down, power up and try again. If error persists, check connection between user control and output board, or try replacing the user control or the output board. E 59 Door Input Acquisition Hardware failure. Replace output board. E 60 Centrifugal Switch Input Acquisition Hardware failure. Replace output board. E 61 High Limit Thermostat Input Acquisition Hardware failure. Replace output board. E ro Locked Rotor The motor is not sensed as rotating when it should be. Check that nothing is obstructing motor rotation, check connection between user control and output board, or try replacing the user control or the output board. E nS Motor Output Shorted Hardware failure. Replace output board. IN USE LED blinks three times + 1.5 second pause Shorted Thermistor Error If the control sense a temperature greater than 210s4°F during an active cycle it will set a Shorted Thermistor error. The control will flash the IN USE LED three times separated by a one and a half second pause. This sequence is repeated as long as the Shorted thermistor error is sensed. IN USE LED blinks twice + 1.5 second pause Open Thermistor Error If the control sense a temperature less than 0°F when the heat has been on for at least three minutes it will set an open thermistor error. The control will flash the IN USE LED twice separated by a one and a half second pause. This sequence is repeated as long as the Open Thermistor error is sensed. OFF or OFF Break-in Alarm Shutdown Error Service the service door or coin vault switches. OP Open Thermistor Error Physical open in the thermistor circuit. Replace thermistor. Possible causes are: 1) thermistor, 2) wiring between control and thermistor or 3) control. Right most DP (decimal point) Lit Network Communication Error Communication failure. Wait for 1.5 minutes for error to clear. If it doesn't, power-down and power-up the machine. If error persists, control or Network Board may need to be replaced. SH Shorted Thermistor Error Dead short int he thermistor circuit. Replace thermistor. Possible causes are: 1) shorted thermistor, 2) a short in the wiring between control and thermistor or 3) control. Frontload Washer Frontload Washer Display Description Cause/Corrective Action Alrn, ALrn or ALrn Break-in Alarm Error Check the service the door or coin vault switches. door or door Door Open Indicator Door is not closed during an active cycle. If door is closed, check for improper wiring or inoperative door switches. DOOR and FINAL SPIN LEDs Motor Failure Error If the control receives the motor failure signal from the motor control, the control will enter Error Mode. The control will turn off all outputs and flash the DOOR and FINAL SPIN LEDs one second on/one second off to indicate a motor failure error. This is a fatal error. The machine must be powered down to clear this error. DOOR LED Door Lock/Unlock Error If the door doesn't lock in 15 seconds in Door Locking Mode or the door doesn't unlock in 3 minutes in Door Unlocking Mode, the control will enter Door Lock Error Mode. The control will turn off all outputs and flash the DOOR LED one second on/one second off to indicate a door lock/unlock error. To clear this error in Door Locked Mode the door must either open or lock. If the door locks, the cycle will start normally. If the door opens, the control will revert back to Start Mode. To clear this error in Door Unlocking Mode the door must unlock or open. If the door unlocks or opens, the control will enter End of Cycle Mode. DOOR LOCKED and CLOSE DOOR LEDs flashing Door Lock/Unlock Error If the door doesn't lock in 15 seconds in Door Locking Mode or the door doesn't unlock in 3 minutes in Door Unlocking Mode, the control will enter Door Lock Error Mode. The control will turn off all outputs and flash the DOOR LOCKED and CLOSE DOOR LEDs one second on/one second off to indicate a door lock/unlock error. To clear this error in Door Locked Mode the door must either open or lock. If the door locks, the cycle will start normally. If the door opens, the control will revert back to Start Mode. To clear this error in Door Unlocking Mode the door must unlock or open. If the door unlocks or opens, the control will enter End of Cycle Mode. Frontload Washer Display Description Cause/Corrective Action DOOR LOCKED and FINAL SPIN AND TUMBLE LEDs flashing Motor Failure Error If the control receives the motor failure signal from the motor control, the control will enter Error Mode. The control will turn off all outputs and flash the DOOR LOCKED and FINAL SPIN AND TUMBLE LEDs one second on/one second off to indicate a motor failure error. This is a fatal error. The machine must be unpowered to clear this error. E dF or E:dF Drive Failure Motor unplugged, motor failure, tachometer circuit open or drum locked up. Unpower machine to reset. E dL or E:dL Door Lock Error Door does not lock within 15 seconds of closing or doesn't unlock 3 minutes after cycle completion. Open and reclose door. E dL or Er, dL Door Lock Fatal Error Door is unlocked during a running cycle. To clear this error, cycle power to the machine. Check door lock and door latch for damage and replace if error continues. Also check door lock wire harness for damage or for disconnection. E dL1 or Er, dL Door Lock Non-Fatal Error If the door fails to lock in 20 seconds in Door Locking Mode after the drive has been enabled, the control will turn off all outputs and show the error E dL1. To clear this error the door must either open or lock. Overloading the machine or broken shocks may keep door from properly closing. First check that door is fully closed. If door still fails to lock, check door lock and latch for damage. Check door lock wire harness for damage or disconnection. E dL2 or Er, dL Door Unlock Non-Fatal Error If the door fails to unlock 20 seconds after the drum has stopped spinning with a solenoid type door lock and all other outputs have been turned off, the control will show error. To clear this error the door must unlock or open. Removing power for 3 minutes will automatically allow door lock to unlock. Make sure to press on door and then pull to unlock the door as pressure on door lock/latch will prevent door from unlocking. Possible causes of this issue are broken shocks or clothes load causing pressure on door and door latch/lock preventing it from unlocking. If it still fails to unlock, check door lock and latch for damage. Also check door lock wire harness for damage or disconnection. E door or Er, do Door Opened During A Running Cycle Control detects door open during a cycle. This can be caused by pulling on door while locked or about to lock. Correct inoperative door locking system. Check door switch and harness for damage or disconnection. Unpower machine to clear error. Frontload Washer Display Description Cause/Corrective Action E do, E:do or E:dO Door Opened During A Running Cycle Control detects door open and door locked inputs high. Caused by pulling on door while locked or about to lock. Correct inoperative door locking system. E d Drain Alarm Error Machine did not drain. Power down machine. E FL, E:FL or Er, FL Fill Error Pressure switch fails to open in 30 minutes (or other programmed length of time) in any fill agitate cycle or maximum fill time exceeded. Check for water pressure at inlets, water valves for operation, clog in water line, plugged filter screen on water hose, and the pressure sensor hose for air leak to determine cause of error. May also be caused by programming too short of a programmed Fill Time for the water level and water pressure of the machine. E Ht, E:HT or E:Ht (models equipped with heater) Heater Error Programmed temperature hasn't been reached in more than two hours. Cycle will continue with heater off. Replace inoperative heater circuit components. E oP Open Thermistor Error Thermistor circuit opens while heating. Heater will turn off and cycle will continue. E rr Coin Error Invalid coin pulse or inoperative coin sensor. Check coin drop area and remove obstructions. If error persists, tampering may have occurred. Evaluate security procedures. E SH Shorted Thermistor Error Thermistor circuit is shorted while heating. Heater will turn off and cycle will continue. E SP SPI Communications Error Master control cannot communicate with motor control. Caused by transformer unplugged or wiring to motor control incorrect. Power down the machine, power up and try again. E Ub or Er, Ub Unbalance Error Unable to balance load. Redistribute load and retry. E Ub1 or Er, ub Non-Fatal Unbalance Error Washer is unable to balance load. Redistribute load and run cycle. If running a small load or one large item, add more items to help machine balance the load better. If items are rubber or other water resistant type material, load may never reach full spin speed. Ensure machine is properly leveled and check for broken shocks. Increase "Number of Balance Attempts" parameter to allow more retries if error occurs often. Refer to programming manual. E Ub2 or Er, Ub Fatal Unbalance Error Wires to unbalance switch are broken or not connected, unbalance switch may be stuck closed or a shock may be broken. Unpower to clear error. Frontload Washer Display Description Cause/Corrective Action CLose door or do Door Open Indicator Door is not closed during an active cycle. If door is closed, check for improper wiring or faulty door switch. Coin Error Coin Error Invalid coin pulse or inoperative coin sensor. Check coin drop area and remove obstructions. If error persists, tampering may have occurred. Evaluate security procedures. E id Board ID Incorrect replacement control. Replace user control or drive board with the correct part. E dS or Er, dS Brownout/Voltage Configuration Unexpected supply voltage. Check the harness connections between the front end control and the drive board. If the front end control was replaced, set dip switch #1 to the same setting as the previous control. If reworking the machine to use a different voltage supply, the dip switch #1 setting may need to be changed. If the dip switch #1 setting is changed, power down, power up and try again. Also check Pin H2-7 on the front end control to ensure good connection between front end control and drive board. E nr or Er, nr Drive Board Not Ready Hardware failure. Try cycling power to machine before replacing drive board. E bS or Er, bS Drive Board Shorted Hardware failure. Try cycling power to machine before replacing drive board. EnXX Machine ID Communication failure. Power down, power up and try again. If error persists, check connection between front end control and Machine ID Chip, or try replacing the front end control or the Machine ID Chip. En 31 Product Byte #1 Mis-Match Product family does not match between the Machine ID Control and Front End Control. Replace Machine ID Control with one meant for current Front End Control platform. En 32 Product Byte #2 Mis-Match Machine type does not match between the Machine ID Control and Front End Control (frontload washer vs. dryer). Replace Machine ID Control and/or front end control with one meant for current machine type. En 33 Product Byte #3 Mis-Match Control level does not match between the Machine ID Control and Front End Control (A4 vs. A2). Replace Machine ID Control with a properly configured A level for the control being attached. Use Factory Test Procedure to determine front end control's control level. Frontload Washer Display Description Cause/Corrective Action En 39 Corrupted Data on Machine ID Control Try cycling power to machine. If error continues, check for damage to Machine ID Control and harness and/or replace Machine ID Control with a correctly configured Machine ID Control. En 3F Cannot communicate with the Machine ID Control Try cycling power to machine. If error continues, check for damage to Machine ID Control and harness and/or replace Machine ID Control with a correctly configured Machine ID Control. E Co or Er, Co Drive Board Communication Error Communication failure. This error is caused by certain cycle counters that need to be reset by restarting the control. Unplug the washer, wait 30 seconds and then re-apply power to clear the error. If error persists, check connection between front end control and drive board, or try replacing the front end control or the drive board. Many times a loose pin or wire is at fault for this error. E dr or Er, dr Drain Error If the control has the drain error enabled, the control will enter Machine Error Mode when the water height is not below the empty level, after attempting to drain for the programmable time (default 5 minutes). In the event of a drain error, the control will turn off all outputs and turn on the Machine Error Tone for 15 seconds. Check wiring to drain and that power is present at drain. Check for objects stuck in drain hose or in pump on electric pump units. Ensure that drain hose meets drain height restrictions. Increase programmable drain error time if pump is working but not able to pump out quickly enough. Unpower to clear error. E Sd or Er, Sd Slow Drain Error Water is not draining as quickly as expected in any cycle step that drains water during the cycle. The machine control will light the right-most decimal point even after the drain error display has cleared. The decimal point will remain illuminated after the slow drain error display has expired to draw the attention of the owner or attendant. The decimal point can be cleared by pressing the START keypad 3 times in a period of 5 seconds or by cycling the power to the machine. ESd Slow Drain Error Control shows error after door is open (when cycle is completed) for one minute, the error information will be logged in audit data. Frontload Washer Display Description Cause/Corrective Action E Ht or Er, Ht Heater Error If the heater is enabled and the water temperature has not reached the desired temperature selection within the programmable time, the control will indicate a heater error. If this error occurs, the heater output will be turned off and the cycle will continue. This error will be cleared when the door is opened or any key is pressed. Possible causes include wire harness to heater elements are damaged, heater elements are damaged, corrosion of wires/connectors, or programmable heater error time is too short for the programmed heat temperature and amount of water in machine. E tE or Er, tE Max Temperature Exceeded Error The control will continuously monitor the Machine Status for an indication that the maximum water temperature is exceeded. When the cycle has been completed and if the control has saved a Max Temperature Exceeded Error, the control shows the error for one minute after the door is opened or a key is pressed. Check for stuck heater relay/contact. E oP or Er, oP Open Temperature/Thermistor Sensor Error The drive board will flag an Open Thermistor Error any time it senses a temperature less than 0°C (32°F). The heater output is turned off for the remainder of the cycle. At the end of the cycle, error code will be shown. It clears after one minute or with any key press. Check wiring to heater elements and thermistor for damage. E SH or Er, SH Shorted Temperature/Thermistor Sensor Error The drive board will flag a Shorted Thermistor any time it senses a temperature greater than 100°C (212°F). The heater output is turned off for the remainder of the cycle. At the end of the cycle, error code will be shown. It clears after one minute or with any key press. Check wiring to heat elements and thermistor for damage. E SuDs or Er, SL Suds Lock Error In the spin steps, if the control determines that there are suds in the machine after running all Suds Removal Routines programmed to run, it will display a Suds Lock Error at the end of the cycle after the door is opened. The control will continue showing E SuDs for one minute or until any key has been pressed. To prevent error, reduce detergent used, increase Suds Removal Routines allowed, check for draining issues, check that drum spins freely, and make sure no small items are lodged between drum and outer tub. Frontload Washer Display Description Cause/Corrective Action E Hd or Er, Hd Too Hot To Drain Error If water is detected to be too hot to drain safely, this error will occur. It is advised to add a cool down step to the cycle after every heating step to avoid this error. Another possible cause of this error is that the heater contactor/relay is stuck on. Error will display after door is opened in End of Cycle Mode. It will clear after 1 minute. E Ld or Er, LE Water Leak Drain Error If there is a leak during the water leak detection of the cycle when programmed on, an error will display after the door is opened at the end of cycle for 1 minute. It will clear after 1 minute or until a key is pressed. If the water level has dropped more than an acceptable amount during a water leak drain check, the control will save a water leak drain error status and will continue the machine cycle. Immediately upon detecting the error the rightmost decimal point will be lit. This lit decimal point can be cleared by pressing the START keypad 3 times in a period of 5 seconds or by cycling the power to the machine. The cause of this error may be the drain hose leaking or a stuck gravity drain valve on gravity drain machines. E SHt Slow To Heat Error Non-Fatal Error that will appear during the running cycle without affecting the cycle. Machine error code is turned on for 15 seconds. It will clear after a key is pressed. Possible cause of error is one of the heater elements may be broken/disconnected, heater elements may need to be cleaned of lint, or programmable slow to heat error time needs to be increased for the load size and water amount being heated. Refer to Heater Error for other possible causes. E d Drive Board Errors E d 10 or Ed, 10 Voltage Select Error Wrong Input Voltage seen at drive board 120V vs 240V. Dip switch 1 on FEC set wrong, or possibly water on drive board (let drive dry out and determine cause of water). Unpower to clear error. Replace drive board if error persists. E d 12 or Ed, 12 Over Voltage AC-Main Input Error Machine voltage is too high, check supply voltage to the machine and verify that it is within machine specifications. Unpower to clear error. Replace drive board if error persists. E d 21 or Ed, 21 Over Voltage DC Bus Error Unpower to clear error. Check voltage input to machine. If it happens only at start of spin, replace motor. Replace drive board if error persists. Frontload Washer Display Description Cause/Corrective Action E d 22 or Ed, 22 Over Motor Temperature Error Motor temperature is detected to be too high. Check that drum spins freely when empty. Check for overloading of machine. Check motor harness for damage. Reduce agitation time and duty cycle if rotate/pause times are very short and programmable. Unpower to clear error. Replace drive board if error persists. E d 23 or Ed, 23 Fatal IPM Over Temperature Error IPM temperature is detected to be too high. Check that drum spins freely when empty, check for overloading of machine, reduce agitation time, and duty cycle if rotate/ pause times are very short and programmable. Unpower to clear error. Check for lint build-up on heat sink on drive board. Replace drive board if error persists. E d 29 or Ed, 29 Motor Not Connected Error The motor or one of its electrical phases is not connected. Check that the harness from the motor to the drive board is fully plugged in on both ends and that there is no damage to the motor harness. Make sure to push in the motor harness on both ends just in case it is a little loose and not fully inserted. If the harness looks fine and the error still occurs, look for something that is binding the inner wash basket and keeping it from rotating properly such as a garment/ foreign object caught between the inner and outer tubs or a clothes deflector rubbing the inner basket. Remove object or reposition clothes deflector by removing deflector and re-drilling screw holes to provide more clearance between tub lip and deflector. If the error still occurs, try replacing the drive board or harness. Unpower to clear error. E d 44 or Ed, 44 Overcurrent Shunt Detection Circuit Fail Error Hardware failure. Unpower to clear error. Replace drive board if error persists. E d 45 or Ed, 45 Door Lock Pin HW On/Off Fail Error Hardware failure. Unpower to clear error. Replace drive board if error persists. Frontload Washer Display Description Cause/Corrective Action E d 46 or Ed, 46 Heater Pin HW On/Off Fail Hardware failure. Unpower to clear error. Replace drive board if error persists. E d 47 or Ed, 47 Hot Valve Pin HW On/Off Fail Hardware failure. Unpower to clear error. Replace drive board if error persists. E d 48 or Ed, 48 Cold Valve Pin HW On/Off Fail Hardware failure. Unpower to clear error. Replace drive board if error persists. E d 49 or Ed, 49 Detergent Valve Pin HW On/Off Fail Hardware failure. Unpower to clear error. Replace drive board if error persists. E d 50 or Ed, 50 Softener Valve Pin HW On/Off Fail Hardware failure. Unpower to clear error. Replace drive board if error persists. E d 51 or Ed, 51 Inrush Pin HW On/Off Fail Hardware failure. Unpower to clear error. Replace drive board if error persists. E d 52 or Ed, 52 Voltage Doubler Pin HW On/Off Fail Hardware failure. Unpower to clear error. Replace drive board if error persists. E d 53 or Ed, 53 Door Lock Select Voltage Pin HW On/Off Fail Hardware failure. Unpower to clear error. Replace drive board if error persists. E d 54 or Ed, 54 Pump Pin HW On/Off Fail Hardware failure. Unpower to clear error. Replace drive board if error persists. E d 55 or Ed, 55 Fatal NTC Short Error Check heater thermistor and thermistor wiring for damage. Unpower to clear error. Replace drive board if error persists. E d 56 or Ed, 56 Fatal NTC Open Error Check heater thermistor and thermistor wiring for damage. Unpower to clear error. Replace drive board if error persists. E d 63 or Ed, 63 Fatal IPM Temperature Short Error Hardware failure. Unpower to clear error. Replace drive board if error persists. E d 64 or Ed, 64 Fatal IPM Temperature Open Error Hardware failure. Unpower to clear error. Replace drive board if error persists. E:rd Drive Board ID Error This error will be displayed if after checking for drive board/front end control compatibility it is found not to match. Unpower machine to clear code. Change front end control to one for a frontload washer. PF Power Fail Error If the programmed time it may mean the hose to the pressure sensor has a leak, is disconnected or clogged, the water inlet hose is clogged, the water inlet screens are clogged, or no water is flowing into the machine. The programmed error may also need to be increased if there is low water pressure to the machine. The control will enter Machine Error mode when the error is set. The control will first drain for 90 seconds and then turn off all outputs and turn on the Machine Error Tone for 15 seconds. Unpower to clear error. E oF or Er, OF Overflow Error This error is triggered when an unsafe high water level is detected in the machine and water is unable to drain. The water valve may be stuck open, pump may be stuck, or the drain may be clogged. Typically a small item is lodged in the propeller of the pump on pump machines. The door may be open/unlocked with water sitting in the machine to cause this error. Unpower to clear error. E PS or Er, PS Pressure Sensor Error If the control does not detect a valid water level sensor input for 30 seconds, or if the Max (Overflow) Fill Level in the control is set to 0 while in Run Mode, Factory Test Mode, or Overflow Mode, the control will enter Machine Error Mode. Check harness from user control to pressure sensor for damage and replace if necessary. Replace pressure sensor or user control if error persists. The control will first drain for 30 seconds to get out any water and then unlock the door. Unpower to clear error. IN USE, DOOR LOCKED, FINAL SPIN AND TUMBLE, CLOSE DOOR LEDs Over Voltage AC-Main Input Error Machine voltage is too high, check supply voltage to the machine and verify that it is within machine specifications. Unpower to clear error. Replace drive board if error persists. IN USE, DOOR LOCKED, FINAL SPIN AND TUMBLE, CLOSE DOOR LEDs Over Voltage DC Bus Error Unpower to clear error. Check voltage input to machine. If it happens only at start of spin, replace motor. Replace drive board if error persists. IN USE, DOOR LOCKED, FINAL SPIN AND TUMBLE, CLOSE DOOR LEDs Drain Error The control will enter Machine Error Mode when the water height is not below the empty level, after attempting to drain for 2 minutes. In the event of a drain error, the control will turn off all outputs and turn on the Machine Error Tone for 15 seconds. Check wiring to drain and that power is present at drain. Check for objects stuck in drain hose or in pump on electric pump units. Ensure that drain hose meets drain height restrictions. Unpower to clear error. Frontload Washer Display Description Cause/Corrective Action IN USE, CLOSE DOOR LEDs Slow Drain Error This error occurs only if enabled by setting dip switch #4 to ON. Water is not draining as quickly as expected in any cycle step that drains water during the cycle. Clear this error by pressing the Power/Cancel keypad. IN USE, CLOSE DOOR LEDs Suds Lock Error In the spin steps, if the control determines that there are suds in the machine after running all Suds Removal Routines programmed to run, it will display a Suds Lock Error at the end of the cycle after the door is opened. The control will continue showing the error for one minute or until the Power/Cancel keypad has been pressed. To prevent error, reduce detergent used. Check for draining issues, check that drum spins freely, and make sure no small items are lodged between drum and outer tub. IN USE, CLOSE DOOR LEDs Water Leak Drain Error This error occurs only if enabled by setting dip switch #4 to ON. If there is a leak during the water leak detection of the cycle an error will display after the door is opened at the end of cycle for 1 minute. It will clear after 1 minute or until the Power/Cancel keypad is pressed. If the water level has dropped more than an acceptable amount during a water leak drain check, the control will save a water leak drain error status and will continue the machine cycle. The cause of this error may be the drain hose leaking or a stuck gravity drain valve on gravity drain machines. IN USE, CLOSE DOOR LEDs No Water Flow Error If the control does not reach a water level of 4 inches within the first 5 minutes of starting the fill it may mean the hose to the pressure sensor has a leak, is disconnected or clogged, the water inlet hose is clogged, the water inlet screens are clogged, or no water is flowing into the machine. The control will enter Machine Error mode when the error is set. The control will first drain for 90 seconds and then turn off all outputs and turn on the Machine Error Tone for 15 seconds. Unpower to clear error. 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E:0F IR Communicator Programmed Off Reprogram infrared communicator on. Manually enable IR on control/Re-aim external device and try again. EC:00 General Communication Error Communication failure. Try card again. Topload Washer Display Description Cause/Corrective Action EC:02 or EC02 Timeout Error Communication failure. Try card again. EC:03 or EC03 Invalid Command Code Communication successful, but the command was not valid for this machine type, or the control could not perform the command in its current mode of operation. Before downloading, ensure data is for current machine type and control is in correct mode. EC:05 or EC05 Invalid or Out-of-Range Data Incorrect machine type or the value in at least one of the programming options is invalid or out of range. Before downloading, ensure data is for current machine type. EC:09 Corrupted Data Error Communication error. Try card again. EC:0A Invalid Machine Type Incorrect machine type. Before downloading, ensure data is for current machine type. EC:19 or EC19 No Card Reader Communication Communication failure. Check card reader, control and harness. Power down, power up and try again. If error persists, control or reader is inoperative. EC:20 Unreadable Card Inoperative card/ dirty contact. Clean chip on card or card reader contacts. Try card again. If error persists, card may be inoperative. EC:21 Security ID Mismatch Wrong card. Use card with correct security code. EC:22 Site Code Mismatch Wrong card. Use card with correct site code. EC:23 Card Maximum Value Exceeded Value on card over max. Use a card which does not exceed maximum value. EC:24 Insufficient Memory on Card Card memory is full. Download card contents to PC and clear card for re-use. EC:25 Card Reader Malfunction Inoperative Card Reader. Card Reader may need to be replaced. EC:26 Card Write Error Try card again. If error persists, card may be inoperative. EC:27 Diagnostic Test Card Write Failure Inoperative Card Reader. Card Reader may need to be replaced. EC:28 Diagnostic Test Card Read Failure Inoperative Card Reader. Card Reader may need to be replaced. EC:29 Diagnostic Test Memory Test Failure Inoperative Card Reader. Card Reader may need to be replaced. Topload Washer Display Description Cause/Corrective Action EC:2A Diagnostic Test Card Interface Failure Inoperative Card Reader. Card Reader may need to be replaced. EC:2b Diagnostic Test Flash Checksum Failure Inoperative Card Reader. Card Reader may need to be replaced. EC:30 Timeout Error Card Reader may need to be replaced EC:31 Hotlisted Card Inserted Into Reader Card hotlisted. Control will destroy card. EC:50 Loyalty Purse Read Error Try card again. If error persists, card may be inoperative. EC:56 Loyalty Purse Write Error Try card again. If error persists, card may be inoperative. EC11 No Card Reader Initialization Communication is valid, but there is no card reader initialization. Power down, power up and try again. EC18 No Communication Card reader initialized, communication lost. Power down, power up and try again. If error persists, replace control or card reader. EC36 Audit Card Removed Prematurely Re-insert audit card and wait until machine prompts for card removal. E:00 General Communications Errors Communication failure. Re-aim external device and try again. E:01 or E:01 Transmission Failure Communication failure. Re-aim external device and try again. E:02 or E:02 Device Timeout/Timeout Error Communication failure. Re-aim external device and try again. E:03 or E:03 Invalid Command Code Communication successful, but the command was not valid for this machine type, or the control could not perform the command in its current mode of operation. Ensure data is for current machine type and control is in correct mode. E:04 or E:04 Expecting Upload Request or Command Packet Time Out Communication failure. Re-aim external device and try again. E:05 or E:05 Invalid or Out-of-Range Data Incorrect machine type or the value in at least one of the programming options is invalid or out of range. Before downloading, ensure data is for current machine type, values entered are within the minimum and maximum limits and recheck the programming option's value and try again. E:06 Invalid Data Code Incorrect machine type. Before downloading, ensure data is for current machine type. E:07 Error Writing to RTC Control failure. Control may need to be replaced. Topload Washer Display Description Cause/Corrective Action E:08 Error Writing to EPROM Control failure. Control may need to be replaced. E:09 or E:09 CRC-16 Error Communication failure. Re-aim external device and try again. E:0A or E:0A Invalid Machine Type Incorrect machine type. Before downloading, ensure data is for current machine type. E:0A Proximity Error External device is improperly aimed at infrared communicator (angle or distance). Re-aim external device and try again. E:0F or E:0F Invalid Wakeup or IR Disabled Communication failure or IR is disabled. Manually enable IR on control/Re-aim external device and try again. E:0C Time-out Exceeded Communication error. Re-aim external device and try again. E:0E Encryption Error Incorrect machine type. Before downloading, ensure data is for current machine type and check security code and retry. E:nF No Water Flow Error Control did not detect a water level of 0.5 inch within the programmed amount of time. If machine is filling with water, Check the pressure sensor hose for cracks or leaks. Replace if needed. If machine is not filling with water, refer to Fill Error troubleshooting. E: oF nFLo Overflow Error Water filled too high and tripped the overflow level of the machine for more than 5 minutes. If water is dripping into the tub, unplug the machine. If water is still dripping into the tub, replace the mixing valve. E PS Pressure Sensor Error Control is not getting a valid reading from the pressure sensor. Check the pressure sensor wire harness and connectors to make sure there is a solid connection. If wiring is correct, replace the sensor if needed. E: I Lid Unlock Error On machines with a lid lock, this error occurs when the lid doesn't unlock after three attempts. This may happen if the lid is obstructed and can't be unlatched or the control is not detecting a correct state for the lock. Check the wire harness from the lock to the output board. In rare cases the lock may have failed and is unable to unlock. If wiring is correct, replace the lock. E Co SCI Comm Error Front end control and output board cannot communicate due to a break or disconnect of the main harness to the two controls. Check for any loss pins in the connectors or any disconnections in the harness. With a multi-meter, test the harness for continuity, and check the plugs for damage. Inspect the board connections for pushed over pins. Topload Washer Display Description Cause/Corrective Action E nR Drive Not Ready Error Output board not operating properly. Replace output board. E Sd Slow Drain Detection Error The control detected that it took longer than 185 seconds to drain the water. Check the pump for obstructions and replace if needed. Check the drain hose for restrictions and clear if needed E Ld Water Leak Drain Error The control detected that the water level dropped more than the acceptable level. Check the hose connections at the pump for leaks. Check for leaks from the outer tub, and tub seal. E LF Water Leak Fill Error The control detected that the water level has risen more than the acceptable amount. Check the water valve to ensure that water is not leaking past the valve seats. E tp Thermal Protect Error The motor is failing or the motor has been over loaded. Check the pump and transmission for proper function. Check if the machine had been over-loaded. If the control displays "Push Start" then push start to continue the cycle. E bS Dip Switch Error The front end control reads that the supply power to the unit is incorrect. This could be because dip switch #1 is set incorrectly or there is a disconnect power fail signal on connector H2. Ed, XX Output Board Error Output board not operating properly. Inspect wire harnesses. If wiring is ok, replace output board. E bS Board Shorted Error Output board not operating properly. Inspect wire harnesses. If wiring is ok, replace output board. The dipswitch setting must be corrected. To clear this error the machine must be powered down. Reset dipswitch to the correct voltage. Correct wiring issues. Er, dr Drain Error (control sensed water in the tub at the end of the cycle) Restriction in the tub to pump hose, drain hose blockage in the pump. Clear restriction from hoses. Replace the pump. To clear this error the machine must be powered down. Topload Washer Display Description Cause/Corrective Action Er, FL Fill Error (desired fill level was not reached within 30 minutes) Water supply faucet closed, kinked or twisted fill hoses, filter screens plugged, no voltage from output board to the water valve (refer to appropriate schematic) or low water pressure. Open faucet, straighten fill hoses, clean or replace filter screens, check for voltage (refer to serial plate) from the output board to the water valves, and if voltage is present at output board, then check for voltage (refer to serial plate) at the water valve. If there is voltage (refer to serial plate) at the water valve, then replace the mixing valve. Correct water pressure to 20- 120 psi (138-827 kPa). To clear this error the machine must be powered down. Er, oF Overflow Error (control was not able to lower the water level within 5 minutes) Leaky water valve, possible blockage in the pressure hose, possible air leak in the pressure hose. Check the inlet valve, clear blockage in pressure hose, replace hose if leak is found. To clear this error the machine must be powered down. Er, PS Control did not detect a valid water level input from the pressure sensor for 30 seconds The sensor harness is not connected to the front end control, the sensor harness is damaged or has a break in the wire or the pressure tube or hose has a blockage. Ensure sensor harness is plugged into the front end control, replace the sensor if the harness is damaged, clear any blockage to the pressure tube or bulb. To clear this error the machine must be powered down. iP Thermal protection on motor is open Machine is possibly overloaded, the brakes not functioning properly or transmission not functioning properly. Properly load the machine, check the function of the brakes or check the function of the transmission. To clear this error wait for "IP" to clear. The control will then prompt user to press Start. Er and Co SCI Comm Error Error in the communication between the front end control and the output board. There is a break or disconnect in the main harness to the two controls. Check for any burnt pins in the connectors or any disconnections in the harness. To clear this error the machine must be powered down. Er and LE Water Leak Detection Error Water level is dropping during the leak detection step, if enabled. Check mixing valve for leaks. Er and Sd Slow Drain Detection Error The machine is taking longer to drain than a preset time, if enabled. Check the tub and drain for leaks. Topload Washer Display Description Cause/Corrective Action Er and nR Drive Not Ready Error Output board is not ready within one minute. Replace the output board. To clear this error the machine must be powered down. Ed and XX Output Board Error Error received from the output board. Inspecting wire harnesses to output board. Replace output board if wiring is not damaged. To clear this error the machine must be powered down. Er and bS Board Shorted Error Output board enable relay is shorted. Replace the output board. To clear this error the machine must be powered down. PF Delay Start Power Fail Error Machine experienced a long power fail or has been unplugged during Delay Start Mode. No service should be needed. Press Power/cancel to continue normal operation. In USE LED blinks twice + 1.5 second pause Fill Error A Fill Error will occur if the tub does not fill within 62 minutes of the start of the cycle. A Fill Error is indicated by the control repeatedly flashing the IN USE LED twice separated by a one and a half second pause until the control is powered down. If Error Mode is turned off, the fill error will not occur and the control will continue to wait for the fill level to be reached. In USE LED blinks three times + 1.5 second pause Drain Error A Drain error will occur if the tub is not empty after a spin cycle. A Drain Error is indicated by the control repeatedly flashing the IN USE LED three times separated by a one and a half second pause until the control is powered down. If Error Mode is turned off, the drain error will not occur and the machine cycle will advance to the next cycle. Power down, OFF or OFF Break-In Alarm Shutdown Error Service door or coin vault switches. Right most DP (decimal point) Lit Network Communication Error Communication failure. Wait for 1.5 minutes for error to clear. If it doesn't, power-down and power-up the machine. If error persists, control or Network Board may need to be replaced. Tumble Dryer Display Description Cause/Corrective Action AF (flashing) Bouncing Airflow Switch Bouncing Airflow Switch opened/closed 5 or more times during cycle. Check airflow switch. Replace if inoperative. AF-1 (solid) Airflow Switch Closed When Resuming Cycle Allow up to 20 seconds for this condition to clear. Check if airflow switch opens at end of cycle. Replace if inoperative. AF-1 Airflow Switch Bounces During A Running Cycle Check airflow switch. Replace if inoperative. AF-2 Airflow Switch Failed to Close After Cycle Started Airflow switch failed to close after cycle started. Check airflow switch. Replace if inoperative. Airflow Switch Bounces During A Running Cycle Airflow Switch Bounces During A Running Cycle If airflow switch is open for at least one second, heat will be turned off and will remain off until switch is observed closed for at least 5 seconds. If there are 5 airflow switch bounces within 5 minutes control will go to Cool Down portion of cycle, display error message and sound audio signal. When Cool Down portion of cycle ends, control will continue displaying error message until power is cycled or BACK keypad is pressed. Airflow Switch Does Not Close After Cycle Started Airflow Switch Does Not Close After Cycle Started If airflow switch does not close within 5 seconds of start/ re-start of a cycle, control will go to Cool Down portion of cycle, display error message and sound audio alarm. Once Cool Down portion of cycle ends, control will continue to display error message until power is cycled to machine or BACK keypad is pressed. Airflow Switch Sensed Closed While Not In Run Mode Airflow Switch Sensed Closed While Not In Run Mode If airflow switch is sensed closed 30 seconds after entering Idle Mode, or End of Cycle Mode, control will display error message until power is cycled or error clears. Control will not start and all user inputs will be ignored. If error does clear, control will go back to previous mode of operation. Alarm Break-In Alarm Error Service door or coin vault switches. Tumble Dryer Display Description Cause/Corrective Action Ito Ignition Retry (Gas Models Only) Auto Ignition Retry If Ignition Control Module (ICM) fails to ignite gas valve ICM will send an ICM Lockout Alarm to the control. If ICM needs to be manually reset, when control receives ICM Lockout Alarm it will display Cycle Stopped Menu with text prompting user to press START/ENTER keypad. If ICM fails to ignite gas on last attempt of auto retry, control will start Cool Down portion of cycle, display heat error message and sound audio signal. When Cool Down portion of cycle ends control will continue to display error message until power is cycled to machine or a user presses BACK keypad. DIP Switch/Harness Index Mismatch Error DIP Switch/Harness Index Mismatch Error On power up control reads Temperature Index Harness value and compares that with the value of switch 1, switch 2 and switch 3 on DIP switch configuration. If the result is an invalid setup control will not enter Idle mode and instead enter Error Mode. Control will ignore all user inputs and display error message. Machine must be powered down and correct temperature index harness must be installed and/or DIP switch configuration must be corrected. door Door Open Indicator Door is not closed during an active cycle. If door is closed, check for improper wiring or inoperative door switches. E Cab Cabinet Limit Error Remove any lint build-up around thermostat. If problem persists, replace control or thermostat. E FCOn Fan Motor Contactor Error Inspect wiring to the fan motor contactors. Check signal to the output control. If problem persists, replace fan motor contactor. E FCns Fan Motor Centrifugal Switch Error Clean vents on the fan motor. Inspect wires to the fan motor centrifugal switch. If problem persists, replace fan motor. E Heat Machine Did Not Reach Expected Temperature The ignition control may, but a flame was not sensed after the programmed amount of retries. Be sure that gas is turned on. If problem persists, troubleshoot the ignition circuit. (Igniter, Cable, Ignition Control Module.) E Ht Machine Did Not Reach Expected Temperature Check heating connections, cycle power to machine. NOTE: To avoid error code "E Hr" on steam-heated tumblers, the Auto Ignite Retry (Aig) must be reset from the factory default of 3 to disabled (0). Tumble Dryer Display Description Cause/Corrective Action E Icn ICM lockout Alarm Active Check that the gas is turned on and that the ignition circuit functions. Also check that the gas valve is operational. E rot Rotation Sensor Error Check for broken or worn belts. Make sure machine is not over loaded and check if rotation sensor is working. If problem persists, replace rotation sensor or control. E rr Coin Error Invalid coin pulse or inoperative coin sensor. Check coin drop area and remove obstructions. If error persists, tampering may have occurred. Evaluate security procedures. E SL Stove Limit 1 Error Inspect tumble dryers venting/ventwork to ensure that the ventwork is adequate and that there are no blockages. Be sure to clean and inspect lint screen. Remove any lint build-up around the thermostat. If problem persists, replace thermostat. E SL2 Stove Limit 2 Error Inspect tumble dryers venting/ventwork to ensure that the ventwork is adequate and that there are no blockages. Be sure to clean and inspect lint screen. Remove any lint build-up around the thermostat. If problem persists, replace thermostat. EOP Open Temperature Sensor Error Open temperature sensor circuit wiring. Change sensor. E:SH Shorted Temperature Sensor Error Short in temperature sensor circuit wiring. Change sensor. EAF Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF1 Airflow Switch Error Switch fails to open at end of cycle. Inspect lint screen and ductwork. Cycle power to machine (power down, then power up). Once error is cleared, control will go back to previous mode of operation. EAF2 Airflow Switch Error Switch does not close after cycle starts. Inspect lint screen and ductwork. Cycle power to machine (power down, then power up). Once error is cleared, control will go back to previous mode of operation. EAF3 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF4 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF5 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF6 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF7 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF8 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF9 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF10 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF11 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF12 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF13 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF14 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF15 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF16 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF17 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF18 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF19 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF20 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF21 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF22 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF23 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF24 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF25 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF26 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF27 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF28 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF29 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF30 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF31 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF32 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF33 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF34 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF35 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF36 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF37 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF38 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF39 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF40 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF41 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF42 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF43 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF44 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF45 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF46 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF47 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF48 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF49 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF50 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF51 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF52 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF53 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF54 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF55 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF56 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF57 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF58 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF59 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF60 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF61 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF62 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF63 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF64 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF65 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF66 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF67 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF68 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF69 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF70 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF71 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF72 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF73 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF74 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF75 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF76 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF77 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF78 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF79 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF80 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF81 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF82 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF83 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF84 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF85 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF86 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF87 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF88 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF89 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF90 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF91 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF92 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF93 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF94 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF95 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF96 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF97 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF98 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF99 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF100 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF101 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF102 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF103 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF104 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF105 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF106 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF107 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF108 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF109 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF110 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF111 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF112 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF113 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF114 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF115 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF116 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF117 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF118 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF119 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF120 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF121 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF122 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF123 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF124 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF125 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF126 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF127 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF128 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF129 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF130 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF131 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF132 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF133 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF134 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF135 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF136 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF137 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF138 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF139 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF140 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF141 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF142 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF143 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF144 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF145 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF146 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF147 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF148 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF149 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF150 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF151 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF152 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF153 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF154 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF155 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF156 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF157 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF158 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF159 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF160 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF161 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF162 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF163 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF164 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF165 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF166 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF167 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF168 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF169 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF170 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF171 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF172 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF173 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF174 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF175 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF176 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF177 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF178 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF179 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF180 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF181 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF182 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF183 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF184 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF185 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF186 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF187 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF188 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF189 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF190 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF191 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF192 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF193 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF194 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF195 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF196 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF197 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF198 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF199 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF200 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF201 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF202 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF203 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF204 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF205 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF206 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF207 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF208 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF209 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF210 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF211 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF212 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF213 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF214 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF215 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF216 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF217 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF218 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF219 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF220 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF221 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF222 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF223 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF224 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF225 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF226 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF227 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF228 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF229 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF230 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF231 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF232 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF233 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF234 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF235 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF236 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF237 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF238 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF239 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF240 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF241 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF242 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF243 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF244 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF245 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF246 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF247 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF248 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF249 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF250 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF251 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF252 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF253 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF254 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF255 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF256 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF257 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF258 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF259 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF260 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF261 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF262 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF263 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF264 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF265 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF266 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF267 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF268 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF269 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF270 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF271 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF272 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF273 Airflow Switch Error Switch bounces during cycle. Once error is cleared, control will go back to previous mode of operation. EAF274 Airflow Switch Error Switch bounces during cycle

Menu. PDA Communicati ons Error PDA Communications Error When error occurs during communication, control records error. Display shows Communication Error Menu for 3 seconds. Washer-Extractor (Ripon) made) Display Description Cause/Corrective Action Right most DP (decimal point) Lit Network Communication Error communication failure. Wait for 1.5 minutes for error to clear. If it doesn't, power-down and power-up the machine. If error persists, control or Network Board may need to be replaced. Right most DP (decimal point) Lit Slow Drain Error Check for water leak. Rot Cylinder Error The cylinder is not turning. Check drive belt. Check rotation sensor. Rotation Sensor Error Rotation Sensor Error Control senses invalid signal from rotation sensor and records error. Cycle will continue with coast times loaded where rotation detection is required. Machine will operate this way until power is reset. Shorted IGBT Error Shorted IGBT Error When error occurs during a cycle, control records error. Cycle is aborted and Cycle aborted Error Menu is displayed until user clears error. Shorted Temperature Sensor Error Shorted Temperature Sensor Error In machine equipped with temperature sensor, control senses temperature less than 220°F and records error. Cycle is aborted and Cycle Aborted Error Menu is displayed. Clear error to return to Cycle Menu. SLE Drain Error Water is still in the tub at the end of a cycle. Slow Drain Detected During a Machine Cycle Error If slow drain error occurs during cycle, control records error and displays "Slow Drain Detected". SPI Error SPI Error Control is unable to communicate with output board. Cycle is aborted and Cycle Aborted Error Menu is displayed. Clear error to return to Cycle Menu. Unbalance Error Unbalance Error When machine detects unbalanced load during cycle, control will run subsequent Spray Rinse Extract and Extract steps but only at reduced speed. Cycle will continue. When cycle is completed, control records error. VEN Exhaust Error The exhaust air is restricted. Clean lint screen and inspect exhaust venting. Washer-Extractor (Ripon) made) Display Description Cause/Corrective Action Water Leak Detection Error Water Leak Detection Error If control detects water leak or related problem during cycle, control will record error and display "Water Leak Detected". Drain Valve or /Fill Valve at end of cycle. If control detects water leak or related problem during diagnostic test, control will record error and display "FAIL". Drain Valve or /Fill Valve. If control detects water leak or related problem during auto-water/leak detection, control will record error and display "FAIL". Drain Valve or /Fill Valve until any keypad is pressed to return to Cycle Menu. Water Level Sensor Error Water Level Sensor Control senses high water level from water level sensor during extract cycle step and records error. Cycle is aborted and Cycle Aborted Error Menu is displayed. Clear error to return to Cycle Menu. Washer-Extractor (Belgium made) Washer-Extractor (Belgium made) Display Description Cause/Corrective Action A0 Program Error Program key in wrong position when trying to access Program Mode. Correct position of program key. A2 Program Error Program selected does not exist. Select another program. A3 Program Error Program was not pre-programmed or memory has been lost. Replace E Prom. A4 Water Level Program Error Programmed water level was not reached after 15 minutes. Check inlet water supply, inlet water valves, drain valve and water level switch. A5 Temperature Program Error Programmed temperature was not reached after 60 minutes. Check auxiliary heating systems, inspect temperature sensor and check water safety level switch. A6 Temperature Error Temperature in the cylinder is unsafe at the end of the cycle. Allow laundry to cool down before removing. A7 Drain Error Level switch detects water remaining in the drum at the end of the cycle. Inspect drain valve and drain outlet. A8 Temperature Sensor Error Temperature sensor or temperature sensor circuit is defective. Replace temperature sensor. Repair sensor wiring. A9 Motor Thermal Error Motor thermal protector was activated. Check the following: motor, motor connections, contactors, input voltage, inverter, motor and machine bearings. Washer-Extractor (Belgium made) Display Description Cause/Corrective Action Ab Drain Error Level switch detects water remaining in the drum at the end of the cycle. Inspect inlet water valves and drain valve. Ac Drain Error Water was not drained after three minutes. Inspect drain valve and drain outlet. Ad Speed Sensor Error The machines is not running at control RPM or speed sensor is defective (if Ad is blinking it will take 4-5 minutes to unlock door). Check door lock circuit. Inspect door lock mechanism. AE Position Error Cylinder cannot find the correct position (Hygienic machines only). Press "NO" to position tub at load or unload side, press "1" to open load door and press "2" to open unload door. AG Speed Sensor Error The final spin was at a lower RPM (Smart Spin) than programmed. Check for an unbalanced load. AH Tilt Switch Error Maximum number of tilts was exceeded, skipping the final spin. Check load size and type. Check for an unbalanced load. E3 Damaged E Prom Replace the E Prom. E4 The cycle's programmed water level was not reached within 15 minutes Inspect the water inlet supply, water inlet valves, drain valve and water level switch. E5 The cycle's programmed water level was not reached within 80 minutes Inspect the water inlet supply, water inlet valves, drain valve and water level switch. E6 The door lock was released during the cycle Inspect the door lock and door lock circuit. E7 The water did not drain and the machine did not go into spin Inspect the drain valve and drain outlet. E8 The temperature sensor's wiring or the temperature sensor is damaged Inspect the temperature sensor's wiring. Replace the temperature sensor as needed. E9 The thermo-magnetic protection was activated 5 times, indicating a high motor current Inspect the motor wiring connections, motor, contactors, input voltage, inverter, motor/machine bearings and for excessive soap left in the basket at the end of the cycle. E1 Drain failure cooldown Error occurs when the electronic timer detects water is not drained after 3 minutes in a cooldown sequence. Check drain tube and repair if necessary. Check wiring to valve and repair. Check drain valve and replace if necessary. Washer-Extractor (Belgium made) Display Description Cause/Corrective Action E2 Drain failure Occurs when electronic timer detects water is not drained after 3 minutes in a drain or spin sequence. Check drain tube and repair if necessary. Check wiring to valve and repair. Check drain valve and replace if necessary. E3 Out of balance before spin Error will occur before spin sequence is started and machine will not spin. Make sure out of balance switch is correctly mounted. Check wiring to switch and make sure there are no loose connections or repair wiring if no continuity. Check if out of balance switch is broken and replace. E4 Out of balance normal spin Error will occur when machine is badly loaded. Machine will try up to 10 times to redistribute laundry in drum before error occurs. Make sure out of balance switch is correctly mounted. Check wiring to switch and make sure there are no loose connections or repair wiring if no continuity. Check if out of balance switch is broken and replace. E5 Out of balance high spin Occurs when out of balance sensor is activated during high spin. Check position of out of balance switch and make sure it is correctly mounted. Check springs and other mechanical parts that fix the drum and replace as necessary. Check wiring to switch and repair. Make sure machine is installed correctly and stable. E6 Door switch failure If during the wash cycle the washer computer detects the door switch is not closed, the machine will immediately stop all functions and the door will stay locked. Check the door lock solenoid switch and replace if it is broken or malfunctioning. Check the door lock coil and if it's not functioning properly, replace it. Check the mechanical functionality of the door lock and if it's not functioning properly, replace the door lock system. Check the continuity of the wiring and repair if necessary. Check the door switch at the inputs menu and if not functional, replace wash computer. Washer-Extractor (Belgium made) Display Description Cause/Corrective Action E8 Door lock check at start failure This error will occur each time the door lock sequence cannot be finished once started. Make sure door handle is centered against door lock and replace handle if damaged. Make sure input connector DL is connected. Repair or replace door lock solenoid switch and door lock coils if not working properly. Replace door lock system if not functioning mechanically. Make sure there is continuity in the wiring. Check the output relay that powers the door lock coil and replace computer if relay is broken. Make sure door lock solenoid switch is functioning properly at the inputs menu. If not, replace computer. If the door switch is broken or does not function correctly, replace door switch. E9 Door lock solenoid switch closed failure at cycle end if within 30 seconds of the end of the cycle the door lock solenoid switch does not open, this error will occur. Check the door lock solenoid switch and repair or replace. Make sure door lock coil is functioning properly and replace if necessary. Make sure mechanical functionality of door lock is good and replace door lock system if there is a problem. Make sure there is continuity of the wiring. If out put relay that power door lock coils is broken, replace the wash computer. E10 Bimetal/Spring The bimetal/spring is checked each cycle to make sure door cannot be opened immediately when power is switched off. Error will occur if bimetal/spring is defective. Check bimetal/spring and replace if defective. Check bimetal/spring and replace if defective. Make sure mechanical functionality of door lock is good and replace door lock system if there is a problem. Make sure there is continuity of the wiring. If out put relay that power door lock coils is broken, replace the wash computer. E11 Fill failure This error occurs when the water level has not reached its target level in the maximum fill time. If water flow is very slow, increase the value for the max fill time. Check that the external water valves are open and free of dirt. Make sure the coil of the water inlet valve is working properly. Replace drain valve if defective. Make sure rubber hose is mounted properly. Make sure air hose on electronic sensor is air tight and doesn't contain any water. Check continuity of wiring and repair as necessary. Check output relay that powers inlet valves and drain valve and replace wash computer if relays not working properly. E12 Overflow failure This error occurs if the water level exceeds the maximum water level. Make sure water inlet valves are not broken and clean or replace as needed. Make sure water pressure is not too high. Check output relay that powers inlet valve and replace wash computer if relay is not working properly. Washer-Extractor (Belgium made) Display Description Cause/Corrective Action E13 Heating failure This error occurs if the temperature is not raised 3°C (37°F) in 10 minutes. Make sure the heating controller is activated and repair the wiring or replace the controller. Check the heating elements and if they are not heating, repair the wiring or replace the heater elements. Make sure the temperature sensor is functioning and replace as necessary. Check output relay that powers the heating controller and replace wash computer if relay is not working properly. E14 Heating time failure Error will occur after the programmed maximum heating time has passed and the target temperature is not reached. If the machine has a small heating capacity, increase the value of the max heating time. Check if the heating resistors are heating and repair the wiring or replace the defective heater elements. Make sure water temperature is not too low. Make sure the temperature sensor is functioning and replace if defective. E15 Too hot Error will occur if water temperature is 15°C (59°F) above target temperature. Check if the correct water inlet valves have been programmed. Choose the correct water inlet valves for the wash sequence or adjust the parameters of the wash program. Make sure water inlet valves are functioning properly. Make sure supplied water temperature is not too hot. Make sure temperature sensor is functioning and replace if faulty. Replace heating controller if it stays closed. Check the output relay that power the heating controller. If the relay stays closed and the relay is broken, replace the power board. If the relay is not broken but receives a not allowed signal from the wash computer, replace wash computer. E21 Overflow failure This error occurs when the water level raises above the hole of the overflow tube. Make sure overflow hole and tube are not blocked. Make sure drain tube is not blocked. Make sure water inlet valves are working properly. Make sure output relay that powers the water inlet valve is working properly. If relay stays closed and is broken, replace wash computer. E22 Flush failure When the flush valve is active and the machine is losing 7 cm (2.75 in) of water, the drain will be opened. Check drain valve and replace if it's losing water. If machine is losing water, replace defective parts. E24 Defective level sensor Error occurs during wash cycle. Check level sensor visually and replace wash computer if you see damage. Washer-Extractor (Belgium made) Display Description Cause/Corrective Action E25 Defective temperature sensor Error occurs during wash cycle. Make sure temperature sensor is connected on the PCB board. Check temperature sensor and replace if damaged. Make sure the resistance is correct on the sensor and replace as needed. Make sure earth wire is at the middle of the connector. Check PCB board and replace if damaged. E26 Undefined frequency inverter error code This error occurs if inverter gives an error message that is not recognized by the wash computer. Updating the software might help discover which error code occurred. Contact manufacturer if problem persists. E27 Communication fault inverter Error occurs when there is no communication between wash computer and inverter. If the inverter or washer computer is new, make sure the right machine type and washing machine power supply have been selected. Make sure door is closed and locked. Make sure inverter is energized. If power is not getting to the inverter, repair power supply. If supply voltage is OK, replace inverter. Make sure fuses are operational. Make sure safety inverter controller is working properly. Make sure connectors on both sides of communication cable are still connected. Make sure wiring is OK. If output relay is broken, replace wash computer E28 THT (Mitsubishi) / E. OL (KEB) Timeout Error occurs when the wash computer cannot handle the fault of the inverter. Make sure correct machine type is selected. Make sure the correct inverter parameters are loaded into the wash computer. Make sure power supply is sufficient and stable during extraction load. Check that drum rotates normally by hand and repair or clean as necessary. If fault is persistent, contact manufacturer. E29 OV3 (Mitsubishi) / E. OP (KEB) Timeout Error occurs when the wash computer cannot handle the fault of the inverter. Make sure correct machine type is selected. Make sure the correct inverter parameters are loaded into the wash computer. Check if there was unbalance during extraction - always put a full load in the machine. If fault is persistent, contact manufacturer. E31 Initialization fault inverter Error occurs when there is a problem while wash computer writes the dedicated inverter parameters into the inverter EPROM memory. Error means not all dedicated inverter parameters have been loaded and as a result the inverter will not work correctly. Make sure door is closed and locked. Make sure inverter is energized. Try to write parameters to the inverter again. If fault is persistent, contact manufacturer. Washer-Extractor (Belgium made) Display Description Cause/Corrective Action E32 Verification fault inverter Error occurs if wrong parameter is detected at the verification of the inverter parameters. Make sure correct machine type is selected, door is closed and locked and that inverter is energized. Write parameters to inverter again. If fault is persistent, contact manufacturer. E33 Stall prevention function This error indicates that the stall prevention of the frequency inverter is sometimes functioning. Make sure drum is not overloaded. Check to see if the correct machine type is selected. Make sure dedicated inverter parameters have been loaded by the wash computer. Make sure there are no mechanical parts broken and replace as necessary. E35 Wrong software version When a new software that isn't backward compatible with previous software versions is loaded, the software will detect that the old and new software is not compatible. The wash computer must be reconfigured. E37 Drain failure at the spray sequence Error occurs when electronic timer detects that the water is not drained after 3 minutes at the spray sequence. Check drain tube and make sure it is not blocked. Make sure drain valve is working properly. Check wiring (when drain valve is switched off, drain valve should be open) and repair as needed. E38 Tank with recycle water is empty Error occurs when electronic timer detects water recycle tank is empty. Machine will switch over to soft cold water. Check water level in water recycle tank and add water as needed. E39 Soap supplies are running out of soap Occurs when electronic timer detects soap reservoir is empty. Check liquid soap supply and add soap as needed. E40 Fill failure due to an empty water recycle tank Error occurs when the electronic timer gets a signal that the water recycling tank is empty. At the same time, the water level will not raise anymore and an error will be generated if the programmed water level is not reached in the max fill time. Check water level in recycle tank and add water as needed. If water flow is slow, increase value of max fill time. Make sure external water valves are open. Make sure water inlet valves are not blocked by dirt. If coil on water inlet valve is open, replace the coil or the whole inlet valve. Make sure drain valve is working properly. Make sure rubber hose for measuring water level is mounted well on the water level sensor and on the drain valve. Make sure air tube on electronic sensor is air tight and does not contain water. Check continuity of wiring and repair as needed. Check output relay that powers inlet valves and drain valves. Washer-Extractor (Belgium made) Display Description Cause/Corrective Action E41 Service due warning This error occurs when the cycle counter of the electronic timer has reached the programmed value for service due. Error message will be erased by opening the door. If cycle counter has not been reset the message will appear again at the end of the next wash cycle. Reset cycle counter in the service menu. E42 No network connection Error appears when no network connection is available. Check the network cable and replace if broken. Check the RS232- RS485 converter. If converter is out of order, replace it. E43 Wrong voltage range selection Error occurs when the wrong voltage range has been selected in the configuration menu. Depending on the machine type and inverter type, certain voltage ranges are not allowed. Check machine identification plate at the back of the machine. Select the same voltage range in the configuration menu as on the identification plate of your machine. E44 Wrong inverter model type Error occurs when wrong inverter model type has been detected by wash computer software. Make sure correct machine type is selected in configuration menu. Check machine identification plate and select the same voltage range in the configuration menu as on the identification plate. E52 PCB-EPROM CRC failure At power-up, wash computer checks if factory settings in EPROM are OK. Error occurs when there is a wrong CRC reading of the data from the EPROM. The wash computer needs to be reset by manufacturer. E53 PCB-EPROM data out of range At power-up, wash computer checks if factory settings in EPROM are OK. Error occurs by reading out

Make sure central soap dispensing system operates correctly and repair if faulty. Make sure wiring of on hold input signal is not damaged and repair as necessary. Check inputs on wash computer and if faulty, replace wash computer. E81 Heating failure Error occurs when heating is not restarted at wash sequence when water temperature of bath is below its normal programmed value. Refer to errors 13 and 14. E82 Refill failure Occurs when water filling is not restarted at wash sequence when water level of bath is below its normal programmed value. Refer to error 11. E83 No successful wash cycle termination Occurs when wash cycle cannot be validated for hygienic reasons as the wash process has not followed standards of the wash program. Refer to extra error message that shows the cause of the failure. E84 Communication failure with PC Error occurs when the function to store all wash process data for a hygienic wash cycle on a PC has failed. Refer to Programming Manual for more information. E85 Real time clock, no battery or battery low power Error occurs when there is no battery available at the real time clock or if the power of the battery is too small to make the real time clock run correctly. Make sure there is a battery in place and that it has power. E86 Real time clock is not available Error occurs when real time clock is not connected to wash computer. If real time clock is available, connect it. Make sure it is functional. Make sure wash computer is functional and replace if it is faulty E95 Watch dog If the watch dog has been activated, error 95 is logged in the error log register. Consult technician if error occurs frequently. Washer-Extractor (Czech made) Display Description Cause/Corrective Action E100 Communication fault weighing system Error occurs when communication between wash computer and signal conditioner weighing system is interrupted. Make sure there is 24VDC power supplied to the signal conditioner weighing system. Make sure connectors on communication cable are connected to wash computer and signal conditioner. Make sure connectors at RS232-TTL converter are connected. Make sure wiring has continuity. E101 Weigh low Error occurs when measured weight is much smaller than in normal operation. Check load cell wiring and repair if faulty. Check values for each individual load cell and adjust the mounting of the load cell as needed. Check if the signal conditioner module is still operational and replace if defective. E102 Weigh high Error occurs when measured weight is much higher than in normal operation. Check load cell wiring and repair if faulty. Check values for each individual load cell and adjust the mounting of the load cell as needed. Check if the signal conditioner module is still operational and replace if defective. E103 Weigh balance Occurs when measured weight is not equally divided over the 4 load cells. Check load cell wiring and repair if faulty. Check values for each individual load cell and adjust the mounting of the load cell so there is equal distribution. Check if the signal conditioner module is still operational and replace if defective. E104 Weight on individual load cell exceeds max Error occurs when during wash cycle the load on one load cell is over 1000 kg (2205 lbs). Check for mechanical problems and repair as needed. Check load cell wiring and repair if faulty. Check values for each individual load cell and adjust the mounting of the load cell as needed. Check if the signal conditioner module is still operational and replace if defective. E105 No functional air pressure system Occurs when the air stays in the air bags at the door unlock sequence while in normal operation and they should be empty. Check for mechanical problems and repair as needed. Check air pressure system and repair as needed. Check the wiring to the air absorber pressure switch. E106 Calibration error Error occurs when the calibration result does not correspond to the preset intervals. Make sure correct machine type is selected. Make sure the machine is empty during the calibration process. Do not carry out calibration immediately after a wash cycle has finished. Wait at least 2 hours after the end of the last wash cycle. Washer-Extractor (Czech made) Display Description Cause/Corrective Action E107 Not calibrated Error occurs when the machine is not calibrated. Wait up to 2 hours after a cycle has ended to calibrate. Make sure drum is completely empty. Calibration process can take up to 10 minutes. If machine is not calibrated, weighing function is disabled. E300-E353 Mitsubishi inverter alarm Always make sure the correct inverter parameter settings are in the inverter. Go to configuration menu and select inverter menu, set correct machine type and supply voltage and load parameters from wash computer to inverter again. Refer to Programming Manual if you continue to get errors. E400-E441 KEB inverter alarm Always make sure the correct inverter parameter settings are in the inverter. Go to configuration menu and select inverter menu, set correct machine type and supply voltage and load parameters from wash computer to inverter again. Refer to Programming Manual if you continue to get errors. E500-E525 Memory error If memory errors occur, there is a problem with the EPROM. Try to reload the washing program. Check for source of electrical "noise". E550 Wrong DAQ memory version Error occurs when after installing new wash computer software the DAQ memory structure is not compatible anymore. There are two ways to reset the DAQ memory: automatically by loading the wash computer default settings at the configuration menu or by the trace-tech PC software for which the DAQ memory is of importance. E551 Problem writing DAQ memory Occurs when wash computer fails to write data in the DAQ traceability memory segment. Reset DAQ traceability memory segment. If problem persists, replace wash computer E552 DAQ traceability memory is full Occurs when wash computer DAQ memory is completely filled with traceability data. Data should be removed by traceability PC software. E553 DAQ traceability memory is almost full Error occurs when 85% of DAQ traceability memory segment contains wash cycle data. Data should be unloaded by the traceability PC software before the memory is completely filled up. E560-E563 USB errors These errors occur if the USB is not found, if a file is not found during an attempt to read from a USB, if an export failed when attempting to write onto a USB or if an import failed when attempting to read from a USB. E600-E628 Software error If a software error occurs, contact manufacturer. Washer-Extractor (Czech made) Display Description Cause/Corrective Action 36 Defective motor contactor Error occurs when the overcurrent thermal protection on both motor thermal protections are opened during spin sequence. Check if spin contactor is broken and replace if defective. Check if output relay for spin motor stays closed. If relay is broken, replace board. If relay is not broken but receives a not allowed signal from board, replace board. Make sure wiring does not have a short circuit and repair if necessary. 37 Door unlock fault This error occurs when the door is not unlocked by pressing the door unlock button on the keypad. Make sure connector K on the keypad is connected on the timer. Check LED of door unlock button. If LED is on, the microswitch which controls locking of door lock is closed. The door unlock coil is not functional or door lock mechanism is broken. If LED is off, check if connector S of keypad is connected on timer. The micro contact door lock is open but the mechanical door lock mechanism is blocked, check door lock mechanism. Check relay for unlocking the door on the electronic board and replace if faulty. Replace board if faulty. Make sure there is no short circuit in wiring. 38 No feedback speed signal Error occurs when the tachometer is not sending a feedback signal to the SR-drive. Check communication cable, SR-drive, motor and power cord and repair or replace if broken. Check output relay that powers SR-motor drive and if relay is broken or does not receive a signal, replace board. 39 Defective SR-drive Error occurs when tachometer is sending a feedback signal to SR-drive when tachometer is not expected to do so. Check communication cable, SR-drive, motor and belt and repair or replace if broken. 40-49 Memory errors If memory errors occur, there is a problem with the EPROM. Try to reload the washing program. If fault is persistent, contact manufacturer. 50 No network connection Occurs when there is no network connection available anymore. Check network cable and replace if faulty. Check RS232-RS485 converter and replace if faulty. 51 Heating failure 2 Error occurs if the heating system is functioning partially but not sufficiently to heat the machine correctly. Check the heating resistors and make sure they are heating. Repair wiring or replace defective resistors. Check water temperature and if hot water is too low, increase temperature of hot water. Make sure temperature sensor is functioning properly. 54 Lock active Error occurs when at standby the door lock is locked with door open. Make sure door lock system is functioning correctly and repair anything faulty. Washer-Extractor (Czech made) Display Description Cause/Corrective Action 55 Lock start Error occurs when at startup door lock is locked locked with door open. Make sure door lock system is functioning correctly and repair anything faulty. 60 No reset drive - 61 Extended speed - 62 Continue spin - 68 No signal spin Error will occur when there is no feedback signal from motor drive at spin sequence. Check communication cable, SR-drive, motor and power cable. Repair or replace anything faulty. 70-88 Software errors If a software error occurs, contact manufacturer. 90 Watch dog If the watch dog has been activated, error 90 is logged in the error log register. Consult technician if error occurs frequently. 99 Safety error When this error occurs, this is a main error message to prevent the door from opening. Check for errors 2, 6, 7 and 25. 100-140 Mitsubishi inverter errors Always make sure the correct inverter parameter settings are in the inverter. Refer to Programming Manual if you continue to get errors. Ironer Ironer Display Description Cause/Corrective Action 001 Temperature of ironing roller is higher than 200°C (392°F) Wait until machine cools down or cool it down by ironing wet linen. Check the connection of the temperature sensor. If faulty, replace temperature sensor. 002 Temperature of ironing roller is higher than 80°C (176°F) and roller does not rotate If roller stops due to any cause (pressing button for reverse operation, pushing crank for manual rotation, pressing the safety bar, drive failure), after 5 seconds the alarm sounds to warn of burning ironing belts. Switch machine off and on again. If the machine will not start, cool it down by wet linen and rotating handle. After cooling machine down below 80°C (176°C), repair the drive. 003 Overloading of motor(s) of ventilator(s) Check and clean exhaust pipeline. If motors still overloading, check ventilators. 004 Short circuit of temperature sensor Cool machine and replace sensor. 005 Disconnection of temperature sensor Cool machine and replace sensor. 006 Failure of drive Switch machine off and on again or let inverter cool down. If it doesn't help, look for error according to individual instruction for inverter. 007 Under pressure switches are off (gas heating only) One or two under pressure sensors detect correct function of combustion gases exhaust. If combustion gases exhaust is weak and there is danger of spreading combustion gases to the space around ironer, under pressure switches will open and by this the gas valve gets closed and the burner will turn off. Check and clean whole route of combustion gases exhaust. Check motor of ventilator and electrical installation. 008 Failure of burner ignition (gas heating only) If flame ignition is not successful, the system will bring cause this error. Open the valve installed on the gas pipeline to ironer. Check the gas valve and make sure it is working properly. Remove sieve of mixer and check whether the jet is not clogged and whether the sleeve above jet is in correct height. Check whether ignition electrode is covered with flame when burner is burning. Check whether ignition electrode glows. 009 Crank for manual rotation of ironing cylinder is pushed Release crank and start machine with start button or start revers operation. Check the microswitch on the crank. 010 Lifting up the trough (only machines with ironer with front/ rear delivery) Close the trough and check the microswitch. Ironer Display Description Cause/Corrective Action 011 Failure of under pressure switches Make sure under pressure switches are wired correctly. Be sure the switch is functioning. Replace if faulty. 012 Wrong function of safety bar In case of jammed bar or switch, release it. Check the switch for correct operation. Make sure the switch connection is not faulty. Make sure the correct version of software and programming is being used. 013 Defective speed sensor (IF machines only) Make sure sensor is not damaged. Adjust distance between sensor and rotating screen with teeth so that the light indicator on sensor is blinking when screen rotates. If indicator is constantly on, increase the distance. If it is constantly off, reduce the distance. If adjustment of diameter does not help, it is necessary to change the sensor. 1 Safety thermostat error (temperature exceeds 210°C [410°F]) Replace thermostat. 2 Exceeding the cylinder temperature over 200°C (392°F) The error will be accompanied by a symbol to indicated which sensor is causing the error. Replace sensor. 3 Exceeding the cylinder temperature over 80°C (176°F) when machine is stopped The error will be accompanied by a symbol to indicated which sensor is causing the error. Replace sensor. 4 Fan motors overloaded Indicates the fan motor is overheating/overloaded. Error can be canceled by the STOP key after the fan motor has cooled down. 5 Temperature sensor short-circuited The error will be accompanied by a symbol to indicated which sensor is causing the error. Check wiring to sensor and replace sensor as needed. 6 Temperature sensor disconnected The error will be accompanied by a symbol to indicated which sensor is causing the error. Check wiring to sensor and replace sensor as needed. 7 Drive (frequency inverter) error This error indicates when a frequency inverter fault is detected or a fault of function or configuration parameter related to the frequency inverter. Refer to Programming Manual for list of error codes related to this drive error. 8 Faulty function of under pressure sensors/value of the exhaust system resistance exceeds the limit value This error is displayed when an incorrect function of the airflow sensors and switches is detected. Refer to Programming Manual for list of error codes that indicate airflow sensor and switch failures. 9 Error of the burner ignition unit (gas heating only) or fault of the electric heating contactors (electric heating only) For gas heating only, cancel the error by pressing STOP key and the automatic sequence of ignition unit reset is started and new ignition is initiated. Refer to Programming Manual for list of electric heating contactor errors. Ironer Display Description Cause/Corrective Action 10 Faulty function of the finger protection safety bar at the machine start up Repair finger protection safety bar. Turn machine off and on again after repair has been made. 11 Faulty function of the speed sensor Check wiring and replace sensor as needed. 12 Number of steam heating cycles is reaching the limit value or the value has already been exceeded When this error occurs, a technical inspection of the machine must be made. After the inspection, the number of cycles should be reset to zero. 13 Memory error A range of codes from 500-533 will be shown. If 504 is indicated, load default program by the LSPrg command from the configuration menu. If a different code is shown, reset default values using ResDef command from configuration menu. If error appears repeatedly, contact the manufacturer. 14 Flash memory error A range of codes from 550-553 will be shown. Reset default values using ResDef command from configuration menu. If error appears repeatedly, contact the manufacturer. 15 Software error A range of codes from 600-636 will be shown. If this error appears, contact the manufacturer. 20 Motors of the vacuum table fans overloaded Indicates the insert table fan motor is overheating/overloaded. Cancel the error by pressing the STOP button and allow motor to cool. 21 Automatic feeder error Indicates feeder motor is overheating/overloaded. Cancel the error by pressing the STOP button and allow motor to cool. 22 Crosswise folding device or stacking device error Refer to Programming Manual for list of error codes and how they effect the machine. 35 Incorrect software version This error occurs after a machine software update or when the machine is started for the first time or also after the control board has been replaced. Press STOP button and the screen for entering the configuration menus password is automatically displayed. Reset the default values by the ResDef command.

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