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Atlas copco fault codes

Different types of events notify the user of system state changes or occurrences, each requiring a unique action. Some procedures are restricted to Atlas Copco Service personnel. Users can access event information using the provided filters or search box. The following list outlines various event codes and their corresponding descriptions and procedures.

1000 - InfoController Started Controller started procedure. 1010 - InfoTool Connected A tool is connected. 1011 - InfoTool Disconnected The tool has been disconnected. 1012 - InfoTool Rejected Controller Connected Verify that another controller is connected to the tool. Ensure that tool settings are correctly configured. 2000 - WarningBattery Low Replace the battery. 2001 - WarningBattery Empty Replace the battery. 2002 - WarningTool Battery Health Low Replace the battery. (Valid for SRB, TBP and IxB tools only) 2004 - WarningTool is not of the preferred type Change the tool. 2006 - WarningTool Backup Battery Health low The backup battery has poor performance; it should be replaced. 2007 - WarningTool Backup Battery Missing or Broken Insert a new battery. (Valid for SRB and TBP tools only) 2008 - WarningTool Backup Battery Error Replace the battery. (Valid for SRB and TBP tools only) Given article text here Voltage LowThe controller's backup battery is almost empty.Replace battery.Log Display ConfIxB Power Focus 6000 Power Focus 8 Power Focus XC ToolsControl Tool2010ErrorTool Software Version MismatchTool and controller software versions not compatible.Service tool - update tool software.Log Display Ack ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Tool2012WarningTool Communication DisturbanceCommunication between tool and controller interrupted.Relocate antenna placement.ConfFlex Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC PFHC ToolsControl Tool2013WarningIllegal Ring PositionTool direction switch in faulty position.If occurring frequently - service the tool.Log Display ConfFlex Power Focus 6000 Power Focus 8 Power Focus XC ToolsControl Tool2014WarningTool OverheatedTool overheated. Valid for SRB, TBP and IxB tools only.Allow tool to cool down.Log Display ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl XB Tool2015ErrorTool Temperature Sensor ErrorSRB, TBP and IxB tools only.Service the tool.Log Display ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Tool2016WarningTool Pulse Unit OverheatedPulse unit overheated. Tool is not locked, but the warning is displayed whenever the tool is started as long as the pulse unit temperature is over threshold. Valid for SRB, TBP and IxB tools only.Allow tool to cool down.Log Display ConfPower Focus 6000 Power Focus 8 Power Focus XC ToolsControl Tool2019WarningTool Could not Start MotorTool motor failure. Valid for SRB, TBP and IxB tools only.Log Display ConfIxB Power Focus 6000 Power Focus 8 Power Focus XC ToolsControl Tool2020WarningTool Requires Motor TuningTool requires motor tuning.Perform a motor tuning.Log Display ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Tool2021WarningMotor Tuning FailedMotor tuning failed.Complete motor tuning or service the tool.LogFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Tool2022InfoMotor Tuning CompletedMotor tuning completed.Log ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Tool2023WarningThe Tool Requires Open End TuningThe tool requires open end tuning.Perform open end tuning.Log Display ConfIxB Power Focus 6000 Power Focus 8 Power Focus XC ToolsControl Tool2024WarningOpen End Tuning FailedOpen end tuning failed.Try to perform open end tuning one more time. If it fails again, service the tool.Log ConfIxB Power Focus 6000 Power Focus 8 Power Focus XC ToolsControl Tool2025InfoOpen End Tuning SuccessfulOpen end tuning successful.Log ConfIxB Power Focus 6000 Power Focus 8 Power Focus XC ToolsControl Tool2026WarningOpen End Position FailedOpen end position failed.Press the tool trigger again and wait for the positioning to be completed. If it fails again, service the tool.Log Display ConfIxB Power Focus Warning: Tool Temperature Exceeded Due to high tool temperature, the system has reached its limit and will not allow further tightening. Please wait until the tool temperature is reduced before proceeding. Display ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl XB Tool Error: Tool Memory Failure - Change Tool Tool memory is corrupt. Service the tool immediately. Display Ack ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Tool Error: System Check Failure The system has failed a check and requires attention. Display Ack ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl XB Tool Error: Torque Transducer Error The tool is experiencing an error with the torque transducer. Service the tool to resolve. Display ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Tool Error: Angle Transducer Error The tool's angle transducer requires service. Display Ack ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Tool Warning: Tool Ground Fault Error A ground fault error has been detected. Service the tool to prevent damage. Display Ack ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Tool Info: Tool Service Interval Expired The tool requires service due to the number of set tightenings exceeding its limit. Perform service on tool immediately. Display ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Tool Warning: Tool Calibration Data Invalid Calibration data is invalid. Service the tool to update it. Display ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl XB Tool Info: Next Calibration Date Has Passed The tool's calibration date has passed. Schedule a service appointment immediately. Display ConfIxB Power Focus 6000 Power Focus 8 Power Focus XC ToolsControl Tool Info: Tool Calibration Value Updated By QA Device The tool's calibration value was updated using a QA device. Display ConfIxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Tool Error: Tool Parameter File Not Supported Required tool parameters are missing. Update the tool parameters immediately. Display ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Info: Unexpected Trigger Behavior Used To prevent start of tool if accessory is connected, display "Unexpected trigger behavior". Display ConfIxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Tool Display information for ConfFlex Power Focus tools, including warning and error messages. The log displays information about connected devices, warning messages for issues with the tool trigger supervision, indicator board, fan voltage, accessory bus voltage, trigger sensor, and more. Error messages include tool cable not supported, battery failure, current limit reached, current error, internal errors, RBU errors, and stall conditions. Tool Error Messages for Power Focus 6000 Power Focus 8 Power Focus XC ToolsControl Several error messages have been detected for the Power Focus 6000 Power Focus 8 Power Focus XC ToolsControl. These include: * High motor current, requiring failsafe mode (Tool 2087) * High battery current, invalid for SRB, TBP, and IxB tools only (Log Display Conf IxB 2088) * Low drive voltage, below monitored lower voltage limit value (Log Display Conf IxB 2089) * High drive voltage, above monitored higher voltage limit value (Log Display Conf IAXB 2090) * Main board error, invalid for SRB, TBP, and IxB tools only (Tool 2091) * Power module internal error, valid for SRB, TBP, and IxB tools only (Tool 2092) Additionally, warnings have been issued for: * Low oil level in connected pulse tool, requiring service (Tool 2093) * Empty oil level in connected pulse tool, requiring service (Tool 2094) * Lost communication with battery, valid for SRB, TBP, and IxB tools only (Tool 2095) * Battery software version mismatch, requiring software update (Log Display Conf IAXB 2096) * SmartHEAD removed, prompting reconnect and restart (Tool 2100) * Wrench tightening performed when tool status was locked in controller (Tool 2101) It is recommended to address these issues promptly to ensure safe and proper operation of the Power Focus 6000 Power Focus 8 Power Focus XC ToolsControl. Tool Error Messages Indicates Need for Maintenance or Replacement - Missing Required Angle Transducer: Update Tool Settings or Switch to Tool with Multiple Torque Transducers. - Torque Transducer Errors on Various Tools: Service the Tool and Calibrate the Torque Transducer. - Shunt Test Failed: Ensure Proper Tightening Procedure and Check Torque Transducer Alignment. - Zero Offset Compensation Error: Start Tightening with Zero Torque and Verify Tool Functionality. - Hardware or A/D Converter Errors: Identify and Replace Damaged Components. - Redundancy Errors: Reset System to Clear Issues. - Overcurrent Errors: Service Tools Individually, Replacing Damaged HMI, Front Light, or Accessory Bus as Necessary. The tool detected an overcurrent event in the vibrator and prompted a service action to replace it. Service messages were displayed, requesting the replacement of the faulty component. A warning was issued due to high CPU temperatures, prompting users to wait for the tool temperature to drop before proceeding. Log display messages continued to indicate errors with the system CPU temperature remaining critical despite attempts to reduce the tool temperature. An error message was triggered when an unsupported power source was detected, specifically a battery with too low voltage attached to the tool. Acknowledgement and warning messages were displayed, advising users to attach a battery with higher voltage to continue operating the tool. The tool then transitioned into backup mode after running on a backup battery for some time. Log display messages confirmed that the tool had switched to its backup power source and continued to operate normally. However, another error message was triggered when it detected a tool fan failure, specifically affecting the IPB-P model. Service actions were prompted to address this issue and prevent further damage to the tool. Furthermore, warnings were issued due to high battery temperatures, indicating that usage had been limited due to overheating. Additional log display messages advised users to change the battery and let the overheated one cool down. Subsequent error messages indicated issues with the front LED not being available or having an incorrect color when the tool booted up. Fixing the front light or cable connection was recommended in these cases, as well as addressing any problems with RHMI buttons, LED rings, fans, or RRE boards that were not detected upon boot-up. Finally, a warning message was triggered when the tool backup battery reached an empty state. Log display messages continued to report on various events and issues affecting the tool's performance and operation. Tool Error Messages Backup Battery Missing Missing backup battery, insert new one. Power Focus 6000 Power Focus 8 Power Focus XC Multiple error messages, check display for details. Error Tool Backup Battery Broken Broken backup battery, log display shows errors. Restart tool if errors persist. Check cable connections and inspect cables for damage. Error Tool main board error - Voltage out of range (Torque) Tool not responding. Restart tool or service. Error Tool main board error - Voltage out of range (Analog) Restart tool or service. Check cable connections. Error Tool main board error - Voltage out range (MCU Vdd) Restart tool or service. Check cable connections. Error Tool main board error - Voltage out range (Step up) Restart tool or service. Check cable connections. Error Tool main board error - Voltage out range (UPS) Restart tool or service. Check cable connections. Error Tool main board error - Voltage out range (Vdd) Restart tool or service. Check cable connections. Error Tool main board error - Hardware failure (IMU) Service tool. Power Module Error Multiple errors, check display for details. Voltage low (Reference) Service tool. Voltage high (Reference) Service tool. Voltage low (UPS) Service tool. Voltage high (UPS) Service tool. Voltage low (Backup domain) Service tool. Voltage high (Backup domain) Service tool. Tensioner puller bar max number Tensioner puller bar needs replacement. Send to service organization. Pump motor protection alarm System stopped due to pump motor protection. Manual reset required. To avoid damage, release any existing pressure. Turn off the equipment if it's under pressure. If you're experiencing low oil levels, shut down the system and refill the oil if necessary. Display Log AckPFHC Tool2502 shows a pump motor oil level low alarm, which prevents the engine from functioning. To resolve this issue, turn off the system and manually release the pressure before topping up the oil. Display Log AckPFHC Tool2503 indicates a high pump motor oil temperature alarm. Turn off the system to allow the oil to cool down. Display Log AckPFHC Tool2504 displays an error with the tensioner's pressure sensor electronics, preventing accurate readings. If under pressure, manually release the pressure and send the tensioner for maintenance. Display Log AckPFHC Tool2505 shows a failure in the pump's pressure sensor electronics, which prevents reading or reporting pressure levels. Turn off the system if it's under pressure, then send the pump for repair. Display Log AckPFHC Tool2506 indicates an unexpected clockwise rotation during pressure release after tensioning, rendering the result invalid. Release pressure and re-tension the nut. Display Log AckPFHC Tool2507 shows an unexpected counter-clockwise rotation while waiting for pressure release after tensioning, also resulting in an invalid outcome. Release pressure and re-tension the nut to resolve this issue. Display Log AckPFHC Tool2508 displays a significant discrepancy between pump and tensioner pressure sensor readings, halting pressurization. This may be due to hydraulic or calibration issues. Restart the system to try again, or contact your local Atlas Copco sales representative if the problem persists. Display Log AckPFHC Tool2509 shows tensioner pressure sensor failure or hydraulic hose failure. Restart the system and check for calibration problems with your local Atlas Copco sales representative if necessary. Display Log AckPFHC Tool2510 indicates a failed setting of custom ID, which requires restarting the system and verifying connected devices. Display Log AckPFHC Tool2511 displays a successful setting of custom ID. Display Log AckPFHC Tool2512 warns of a malformed barcode string that cannot be parsed as a tower data bar code. Scan a proper tower QR code or scan tower section id to resolve this issue. Display Log AckPFHC Tool2513 shows an error with no pump pressure detected, possibly caused by incorrect phase order in the three-phase system. The system is not functioning correctly due to a variety of issues. The tensioner is overtorqued, causing damage to the torque sensor, so it needs to be relaxed. If there's too much pressure in the hydraulic system, it should be released or allowed to drop. Unexpected firmware versions for the pump or tensioner have been detected. Restarting the system may resolve the issue, but if the problem persists, a new unit with compatible firmware should be installed and checked for any unexpected behavior from connected devices. Other errors include incompatible controller software, an internal battery that needs replacement, overheated controllers or drives, limited usage due to high temperatures, hardware failures, voltage problems, particularly when DC voltage is too high or low. These issues need to be addressed promptly to ensure the system operates correctly and safely. Given text here Voltage Problem: AC Input Voltage Too High or Too Low. Fix the input voltage. Log DisplayFlex ToolsControl Controller, Drive and Synchronized tightening3023WarningDrive Voltage Problem: AC Input Voltage Too Low. Fix the input voltage. Log DisplayFlex ToolsControl Controller, Drive and Synchronized tightening3026InfoMax number of IxB Connect tools already connected. Indicates that the number of IxB Connect tools connected to the controller has reached the max. Allowed connected tools. LogToolsControlController and Tool3029InfoClient lost network connection. The tool has lost the network connection by either leaving the network coverage or due to another cause. Troubleshoot by checking the roaming threshold and reduce the selected channel numbers to less than 24 to make sure roaming is enabled. Log Display Conf AckIxBController and Tool3030ErrorIP Address Conflicting With Another Node On The Network. The set IP address is in use by another device on the same network. Change IP address on one of the devices. Log Display ConfFlex Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XCController, Drive and Synchronized tightening3031InfoNetwork Cable UnpluggedThe carrier of the factory port is lost (cable disconnected). Check the cable connection. Log Display ConfFlex Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XCController, Drive and Synchronized tightening3032InfoPairing StartedTool pairing started. Log Display ConfPower Focus 6000 Power Focus 8 Power Focus XCController, Drive and Synchronized tightening3033InfoPairing Successful Log Display ConfPower Focus 6000 Power Focus 8 Power Focus XCController, Drive and Synchronized tightening3034InfoPairing Unsuccessful: No Tool FoundThe controller found no tool to pair with when scanning for radio peers. Set the tool in pairing mode and try again. Log Display ConfPower Focus 6000 Power Focus 8 Power Focus XCController, Drive and Synchronized tightening3035ErrorPairing Unsuccessful: More Than One Tool FoundThe controller found more than one tool when scanning for radio peers. Ensure that only one tool is in pairing mode when starting the pairing mode on the controller. Log Display ConfPower Focus 6000 Power Focus 8 Power Focus XCController, Drive and Synchronized tightening3036ErrorPairing Unsuccessful: Communication ErrorThe controller experienced a loss of connection, an unexpected answer or timeout during the pairing process. Try to perform pairing one more time. If it fails again, service the tool. Log Display ConfPower Focus 6000 Power Focus 8 Power Focus XCController, Drive and Synchronized tightening3037InfoNoPairing Unsuccessful: Tool Settings Is FullClear one tool slot. Log Display ConfPower Focus 6000 Power Focus 8 Power Focus XCController, Drive and Synchronized tightening3040WarningsEmergency StopDrive disabled due to emergency stop. Reset emergency stop. Log Display ConfFlex Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC Drive and Synchronized tightening3050InfoSystem Clock Updated The system clock has been updated. ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC PFHCController, Drive and Synchronized tightening3051ErrorSystem Clock Error Wrong time read from hardware Real Time Clock (RTC). Change RTC battery. Display Ack ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC PFHCController, Drive and Synchronized tightening3052WarningRemote Start Configuration Error Mismatch between HW and SW remote start configuration. Verify that HW dip switch matches the selected start source. Log Display ConfPower Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Controller, Drive and Synchronized tightening3053InfoDrive Connected Synchronized tighteninging drive has been connected. Log DisplayFlex Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Controller, Drive and Synchronized tightening3054InfoDrive Disconnected Drive disconnected from controller. Check cable and power-supply for externally connected drives or replace the controller. Log DisplayFlex Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Controller, Drive and Synchronized tightening3055WarningMode Configuration Error Generated when selected mode is configured wrongly. E.g. configuring two bolts with the same bolt number or the same channel, incomplete mode configuration. Check ToolsTalk 2 for mode configuration error. Log DisplayFlex Synchronized tighteninging Controller, Drive and Synchronized tightening3056WarningUnable to Start: Tool Or Drive Is Missing Generated when a used channel is missing a drive or tool. Verify Channel Menu on the HMI. Connect missing drive or tool. Log DisplayFlex Synchronized tighteninging Controller, Drive and Synchronized tightening3057InfoNoMode Selected Select mode. Log DisplayFlex Synchronized tighteninging Controller, Drive and Synchronized tightening3059WarningFailed To Connect To Atlas Copco License Manager Indicates that the controller failed to connect to the local license manager to get licenses. Verify the local network. If it fails again, service the controller. Log Display ConfFlex Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Controller, Drive and Synchronized tightening3060ErrorNumber of Virtual Station licenses is exceeded Virtual Station license greater than available licenses. Update licenses or Virtual Station configuration. Log Display AckToolsControlController3061WarningUnable To Start: Enable Signal Is Low Ensure the signal "Enable Operation" is set to high before tightening is started. Log DisplayFlex Synchronized tighteninging Controller, Drive and Synchronized tightening3062WarningUnable To Start: Stop Signal Is High Ensure the signal "Enable Operation" is not high. Before initiating tightening, ensure the system is at a sufficient level. Log display for synchronized tightening controller, drive, and synchronized tightening. Warning 3063: Inhibited channels All channels are set to inhibited mode, preventing any tightening operations. Activate at least one channel to allow starting. Log display for synchronized tightening controller, drive, and synchronized tightening. Warning 3064: Carrier hex switch fault The FlexCarrier's hex switch is incorrectly set to zero. Adjust the switch to a non-zero value. Log display for controller, drive, and synchronized tightening. Warning 3065: E-stop configuration plug error A Carrier's E-stop configuration plug is missing or incorrect. Install the correct plug type. Log display for controller, drive, and synchronized tightening. Warning 3066: Power supply issues - no 3-phase AC power Verify that the carrier receives a stable 3-phase AC power supply. Inspect the cables' condition and connection. Log display for controller, drive, and synchronized tightening. Warning 3067: Power supply issues - missing one AC phase Ensure the carrier's 3-phase power supply is within acceptable limits and fully functional. Check cable integrity and connections. Log display for controller, drive, and synchronized tightening. Warning 3068: Internal power supply failure The carrier's internal 24 VDC power supply unit is faulty. Service the device. Log display for controller, drive, and synchronized tightening. Warning 3069: Over-current on 24V OUT port Reset the system to resolve the issue. Log display for controller, drive, and synchronized tightening. Warning 3070: FlexControl cable hardware error - OUT port Reset the system to address the problem. Log display for controller, drive, and synchronized tightening. Warning 3071: FlexControl cable hardware error - IN port Reset the system to resolve the issue. Log display for controller, drive, and synchronized tightening. Warning 3072: Emergency stop due to power failure or short-circuit Service the carrier to prevent further issues. Log display for controller, drive, and synchronized tightening. Warning 3073: Unable to start - emergency stopped Reset the emergency stop when allocating multiple spindles. Log display for synchronized tightening controller, drive, and synchronized tightening. Warning 3074: Carrier overheating Allow the system to cool down. Log display for controller, drive, and synchronized tightening. Warning 3075: Carrier temperature within normal limits Log display for controller, drive, and synchronized tightening. Warning 3076: Internal power supply overload Disconnect other carriers and external equipment using 24 VDC. Log display for controller, drive, and synchronized tightening. Warning 3077: Internal power supply overvoltage Replace the carrier to prevent damage. Log display for controller, drive, and synchronized tightening. Warning 3078: Internal power supply undervoltage Verify that the internal PSU operates within acceptable voltage limits. Log DisplayFlex Controller, Drive and Synchronized tightening 3079 Warning: External Supply To Carrier - 24 VDC Over Voltage: adjust backup input voltage. 3080 Warning: External Supply To Carrier - 24 VDC Under Voltage: adjust backup input voltage. 3081 Warning: Carrier Voltage Inlet - 3-Phase AC Over Voltage: lower input voltage to 400 VAC or 480 VAC. 3082 Warning: Carrier Voltage Inlet - 3-Phase AC Under Voltage: higher input voltage must be 400 VAC or 480 VAC. 3083 Error: Wrong Anybus/ProfSafe Module Firmware: update firmware in anybus module to latest version. 3084 Error: Soft PLC Runtime Error: CLR terminated in an user controlled way. 3085 Warning: Carrier Fan Module Out Of Order: replace fan module. 3086-3088, 3090-3091. Warning messages related to carrier fan modules and sync member channels. 3095 Warning: WiFi Signal Strength Low: adjust setting "Warn on signal strength below (dBm)" or move tool closer to wireless network. 3096 Warning: Cellular Signal Strength Low: move tool closer to cellular antennas for a stronger connection. 3097 Warning: Cellular Connection Lost: check cellular connection setup and try reconnecting. The APN is still active. Check the cellular network for any issues. Log Display: ConfIxBController, Drive and Synchronized tightening3100WarningMode Configuration Does Not Exist. Please select an existing sync mode before starting a tightening. Flex Synchronized tighteninging Controller, Drive and Synchronized tightening3105ErrorSoftware IAM incompatibility. IAM is incompatible with the installed software on the controller. Replace IAM. AckFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XCController, Drive and Synchronized tightening3160ErrorFailed To Activate Newly Installed Software. An error occurred during software activation. The new software failed to start for three times before reverting to previous working software. Take an export and contact Atlas Copco for further assistance. Note down the installed and working software versions. AckFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XCController, Drive and Synchronized tightening3161ErrorStarted On Unexpected Software Partition. The controller started on the inactive software partition instead of the expected one. Check the software information on the Home screen and restart the controller to ensure correct software. If error persists, do an export and contact Atlas Copco. AckFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XCController, Drive and Synchronized tightening3500ErrorGeneric License Manager Error. Inconsistency detected in feature management system used. Contact Atlas Copco representative for assistance. AckIxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Controller, Drive and Synchronized tightening3501ErrorLicense Manager Synchronization Error. Synchronization with license server failed. Contact Atlas Copco service representative. AckIxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Controller, Drive and Synchronized tightening3502InfoLicense Manager Synchronization Done. License synchronization completed. IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Controller, Drive and Synchronized tightening3503WarningLicense Manager: Another Source in Use. License is used by another source. Verify license assignment. AckIxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Controller, Drive and Synchronized tightening3504WarningLicense Manager Restart Needed. Restart license manager to resolve issue. IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Controller, Drive and Synchronized tightening3505InfoUSB License Synchronization Started. Given article text here The USB license dongle has started. A synchronization error occurred while trying to move licenses from the dongle. Contacting an Atlas Copco service representative is recommended. Unexpected system shutdown triggered by a user action, such as importing or exporting data, software activation, or performing a maintenance task. One or more licenses are about to expire and need to be updated with a license server configuration. A local license server is already in use, so all licenses must be returned to the server before configuring a new one. License inconsistency detected during configuration; contact an Atlas Copco representative for assistance. License definition mismatch detected; ensure proper licensing configuration. Warning: A missing license requires installation of the correct license. Wireless communication disabled due to licensing issues. Standalone licenses should be unassigned from virtual stations. System restarted unexpectedly, possibly triggered by user actions or system updates. Unexpected system shutdown occurred without clear cause. Power loss may have caused the issue. Backup battery timed out; tool usage continued on backup power for more than 20 seconds. The tool's operation has been halted due to inactivity. The system has timed out, and the user must restart it to continue working with the tools. The error message indicates that one of two possible reasons is responsible for the shutdown: either a digital input signal or an open protocol are locked, preventing the tool from functioning properly. Log Display ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Tightening Process 4035InfoLocked By Line Control 4036InfoLocked By Alternative Identifier 4040InfoLocked By Tool locked by alternative identifier 4050Invalid Socket Configuration Tightening program assigned to multiple sockets 4060InfoTool Locked On Batch Complete When running a batch with flag Tool lock on batch sequence complete this event is generated when the user press the trigger.Unlock with signal Unlock Tool on complete 4062InfoTool Locked By Result Synchronization Results from tool are being synchronized with the controller.Wait until result sync is done to restart work 4063InfoTool Locked due to transducer redundancy error Tool is locked due toredundancy error 4064InfoTool Locked by Automation Rules Tool is locked by Automation rules.No action 4070InfoProcess Enter Manual Mode Indicates that manual mode has been activated for a virtual station.ConfIxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl4071InfoProcess Enter Automatic Mode Indicates that automatic mode has been entered for a virtual station.ConfIxB Power Focus 6000 Power Focus 8 Power Focus XC ToolsControl4072InfoTest BoltConfFlex Synchronized tighteningTightening Process4073InfoTool zero position updatedIndicates that the tool zero position is set using signals.ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Tightening Process4100WarningIdentifier Not Accepted: Invalid String LengthDisplay ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Tightening Process4101WarningString Selection Unsuccessful: Multiple MatchesDisplay ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Tightening Process4102WarningString Selection Unsuccessful: No Match FoundDisplay ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Tightening Process4103WarningIdentifier Not Accepted: Identical String Already ReceivedDisplay ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl Tightening Process4104WarningIdentifier Not Accepted: No Match Found Error Messages for Power Focus 6000, Power Focus 8, and Power Focus XC Tools: # # # # # # Note: The original text has been rewritten to remove spam and junk content, while preserving the core message. The maximum time limit for step restriction has been exceeded, and an error code is generated based on the stage of tightening. It is necessary to redo the tightening process. If the tool trigger is released before reaching the target, a "Trigger Lost" error occurs, which is not allowed in general tightening strategies or multistep processes. Other errors include premature torque loss due to the socket slipping off the nut, target torque being reached before the final step, post-view torque being too low or high, and torque compensation interval not being reached. Additionally, there are errors related to tool movement, safety current monitoring sensor mismatch, and final supervision torque not being reached. Wrench-specific errors include snug monitor high, no residual torque, overspeed, effective loosening, and final torque being less than the target. These errors occur on various Power Focus models, including 6000, 8, and XC. Tightening Process Errors and Warnings The process has hit a snag, folks! We've got errors and warnings galore. * Turbo Time Limit Exceeded: Whoa, we're moving too fast! * Maximum number of pulses is exceeded: We're pumping the brakes on this one. * Rundown completed before minimum pulses reached: Slow down, partner! * Current at shut off exceeded: We're exceeding our energy limits. * Multistep error: Something's amiss with our tool validation. * Result overload: The event has been triggered, and we need to stop what we're doing. * Stopped: An external signal's telling us to halt the process. * Data drop or data hold used in combination with batch tightening: Whoa, that's not how it works! We can't use those signals for this task. * Flex Synchronized tightening: It seems our data hold is active (results sent when signal is low) and dropped (results discarded). * Invalid tightening program parameter value: We've got some invalid parameters in our program. Time to check and adjust! * Couldn't prepare program storage in tool: Uh-oh, it looks like we can't access the current program storage size or prepare it for downloading an updated program. Let's try rehooking that tool! Generated when configured for push start only and user presses main trigger, until user presses the push start. Pressing the push start starts the tool. The display shows "Conf IxB". If the tightening program complexity exceeds the tool capacity, the tool will be locked. Reduce the complexity or choose a different program. The display shows "Log Display Conf". Accessory is connected to the controller when accessory connected message is displayed. The display shows "Ack ConfFlex". Synchronized tightening Power Focus XC ToolsControl Accessory is displayed when accessory disconnected message is displayed. The display shows "Ack Flex IxB". Fieldbus offline warning is displayed when no communication with Fieldbus occurs. The display shows "Ack ConfFlex" and "Synchronized tightening Power Focus XCAccessory". Fieldbus address collision warning is displayed when two or more accessories have the same address. Change the address on accessory. The display shows "Log Display Ack ConfFlex" and "IxB". Accessory communication error warning is displayed when intermittent communication errors with accessory occur. Check cables and connectors. The display shows "ConfFlex IxB". Fieldbus output buffer overflow warning is displayed when an overflow of the output buffer occurs. Stop fieldbus communication and diagnostics to recover the buffer. If frequently occurring, check your fieldbus communication setup. Fieldbus provider ID mismatch warning is displayed when the installed module is not supported. Connect a supported Atlas Copco fieldbus module. The display shows "Ack Power Focus 8". Wrong socket selected message is generated when no or incorrect socket is selected. 1. Warning: Unable to Configure Barcode Scanner When no unique serial number is found for the barcode scanner, follow these steps: Configure the barcode reader device by logging in and updating its settings. 2. Warning: Invalid Rule Configuration If the virtual station mapped does not exist or if rule configuration has invalid cease configurations or lacks triggers or actions, verify that the tool's configuration is correct. Log Display Ack ConfFlex Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC PFHCAccessory6500 3. Warning: Rule Triggered While Running If a running rule re-triggers itself by using the same trigger, disable and enable the rule to resolve this issue. Log Display ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl6501 4. Info: Failed Action Execution When a virtual station configured for a rule is deleted or does not exist, the action fails to execute, causing the rule to remain active until corrected by disabling and re-enabling it. Log Display ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl6502 5. Warning: Running Rule Deleted If a currently running rule is deleted, this event will occur, but there will be no action taken to reset the current state of the rule. Log Display ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl6503 6. Warning: Running Rule Disabled If a currently running rule is disabled, this warning message will appear, but there will be no action taken to reset the current state of the rule. Log Display ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl6504 7. Warning: Running Rule Updated This event indicates that a currently running rule has been updated, which may cause issues without proper resolution. Log Display ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC ToolsControl6505 8. Info: Message to Display General events for displaying messages will occur through the Display Ack ConfFlex IxB Power Focus 6000 Power Focus 8 Synchronized tightening Power Focus XC PFHCAccessory6500. 9. Error: Serial Port Not Opened Serial port failure will be reported if it cannot be opened. Display Display ConfFlex Power Focus 6000 Power Focus 8 Power Focus XCMiscellaneous8200 10. Warning: Communication Timed Out If communication with an Open Protocol client fails due to a timed-out connection, check controller network connections and the client application software for any issues. 11. Warning: EHMI Software Version Mismatch EHMI software version incompatibility will cause errors. Update the software version of the EHMI. Log Display Ack ConfIxB Power Focus 6000 Power Focus 8 Power Focus XC ToolsControl Miscellaneous8214 Event Codes List Details. **Available for**: Lists products supported by the event code. - **Groups**: Identifies the group of event codes. - **Event Description**: Briefly explains the purpose of the event. - **Procedure (if applicable)**: Provides instructions on clearing the event if needed. - **Log**:. Indicates whether the event is saved to the log or not, with the default value provided. - **Display**:. Shows whether the event should be visible on screen or not, with the default value specified. - **Acknowledgement**:. Tells users if an acknowledgement is necessary before proceeding, with the default value given. - **Event Code Type**:. Details the type of event: Info, Warning, or Error.

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