

Remedy: Set the current uframe number to zero.

3.1.6 ATZN Alarm Code

3.1.6.1 ATZN-001 Calibration internal error.

Cause:AutoZone internal error. Cause: AutoZone internal error.

Remedy: Power off to recover. If problem persists, please reload the controller.

3.1.6.2 ATZN-002 Name not found in HDR Table

Cause:Name not found in HDR Table Cause: Program name not found in AutoZone internal program header table.

Remedy: Internal error. Please call customer service.

3.1.6.3 ATZN-003 Name not found in PRG Table

Cause:Name not found in PRG Table Cause: Program name not found in AutoZone internal program voxel table.

Remedy: Internal error. Please call customer service.

3.1.6.4 ATZN-004 Name not found in REC Table

Cause:Name not found in REC Table Cause: Program name not found in AutoZone internal zone recording table.

Remedy: Internal error. Please call customer service.

3.1.6.5 ATZN-005 Name not found in REQ Table

Cause:Name not found in REQ Table Cause: Program name not found in AutoZone internal zone request table.

Remedy: Internal error. Please call customer service.

3.1.6.6 ATZN-006 AZ HDR Table is full

Cause:AZ HDR Table is full Cause: Internal AutoZone header table is full.

Remedy: Internal error. Please call customer service.

3.1.6.7 ATZN-007 AZ PRG Table is full

Cause:AZ PRG Table is full Cause: Internal AutoZone program table is full.

Remedy: Internal error. Please call customer service.

3.1.6.8 ATZN-008 AZ REC Table is full

Cause:AZ REC Table is full Cause: Internal AutoZone recording table is full.

Remedy: Internal error. Please call customer service.

3.1.6.9 ATZN-009 AZ REQ Table is full

Cause:AZ REQ Table is full Cause: Internal AutoZone request table is full.

Remedy: Internal error. Please call customer service.

3.1.6.10 ATZN-010 Master flags not in sync

Cause:Master flags not in sync Cause: Master flags in main and sub program header are not synchronized.

Remedy: Check master flag in both main and sub program header, ensure that master flags are synchronized. For example, both flags are enabled, or both flags are disabled.

3.1.6.11 ATZN-011 %s start mastering

Cause:% start mastering Cause: Program start mastering process.

Remedy: This is a warning message to indicate that mastering process has started.

3.1.6.12 ATZN-012 %s end mastering

Cause:% end mastering Cause: Program end mastering process.

Remedy: This is a warning message to indicate that mastering process has ended.

3.1.6.13 ATZN-013 Not calibrated w.r.t. ZMGR

Cause:Not calibrated w.r.t. ZMGR Cause: Robot is not calibrated w.r.t. zone manager.

Remedy: Calibrate the robot w.r.t. zone manager in AutoZone manager setup menu.

3.1.6.14 ATZN-014 G:%d AZ Jog close to target

Cause:G:%d AZ Jog close to target Cause: Robot is close to target during Jogging.

Remedy: This alarm will stop the Jogging motion.

3.1.6.15 ATZN-015 Resend G:%d AZ Jog request

Cause:Resend G:%d AZ Jog request Cause: AutoZone jog request has not received a response for a period of time. AutoZone jog request will be resent.

Remedy: This is a warning message to indicate that the AutoZone jog request will be resent.

3.1.6.16 ATZN-016 Prg needs re-master(mdf tim)

Cause:Prg needs re-master(mdf tim) Cause: Program modification time retrieved is different between program mastering and run-time program execution.

Remedy: Re-master the program will synchronize the program modification time saved in the program mastering data.

3.1.6.17 ATZN-017 %s Append Mode enabled

Cause:%s Append Mode enabled Cause: Append mode has been enabled. The new mastering data file will be merged into the existing data file.

Remedy: This is a warning message to indicate that the append mode is enabled during program mastering process.

3.1.6.18 ATZN-018 Space setup not initialized

Cause:Space setup not initialized Cause: Space has not been configured and enabled in AutoZone space setup menu.

Remedy: Configure the space and enable it in AutoZone space setup menu.

3.1.6.19 ATZN-019 No AutoZone CD Jogging

Cause:No AutoZone CD Jogging Cause: AutoZone does not support coordinated jogging.

Remedy: Disable AutoZone jogging from AutoZone test-run setup menu during coordinated jogging.

3.1.6.20 ATZN-020 Constant Path not enabled

Cause:Constant Path not enabled Cause: Constant Path is not enabled.

Remedy: Enable Constant Path and Cold Start to take effect.

3.1.6.21 ATZN-021 Exceed max DP comb zone(%d)

Cause: Exceed maximum Deadlock Prevention zone per DP combination analysis.

Remedy: Re-teach TP programs to reduce number of Deadlock Prevention zones. Internal error. Please call customer service.

3.1.6.22 ATZN-022 Exceed max DP total zone(%d)

Cause: Exceed maximum Deadlock Prevention total zones.

Remedy: Re-teach TP programs to reduce number of Deadlock Prevention zones. Internal error. Please call customer service.

3.1.6.23 ATZN-023 Minimum 2 prog for DP analysis

Cause: Minimum of 2 TP programs required for Deadlock Prevention analysis.

Remedy: Modify setup of Deadlock Prevention schedule.

3.1.6.24 ATZN-024 Exceed max DP total space(%d)

Cause: Exceed maximum Deadlock Prevention total spaces.

Remedy: Internal error. Please call customer service.

3.1.6.25 ATZN-025 No %s space data

Cause: Program space data is not available for the request.

Remedy: Complete the Deadlock Prevention analysis prior to program space data request. Internal error. Please call customer service.

3.1.6.26 ATZN-026 No overlap space data

Cause: Overlap space data is not available for the request.

Remedy: Complete the Deadlock Prevention analysis prior to overlap space data request. Internal error. Please call customer service.

3.1.6.27 ATZN-027 No robot space data

Cause: Robot space data is not available for the request.

Remedy: Complete the Deadlock Prevention analysis prior to robot space data request. Internal error. Please call customer service.

3.1.6.28 ATZN-028 Invalid Voxel Id

Cause: Invalid Voxel Id during individual voxel query.

Remedy: Internal error. Please call customer service.

3.1.6.29 ATZN-029 Dup prg %s schd %d

Cause: Duplicated host name and program name in specified Deadlock Prevnetion schedule.

Remedy: Use a unique host name and program name in specified

3.1.6.30 ATZN-030 Same grp in %s %s

Cause: Same motion group number found in specified TP programs.

Remedy: Same motion group number can not be shared by two TP programs with same host name in the Deadlock Prevnetion schedule.

3.1.6.31 ATZN-031 %s first pt in DP zone

Cause: The first motion point of the TP program is inside the Deadlock Prevention zone.

Remedy: Re-teach the TP program, enable the Deadlock Prevention analysis, and then verify that the first motion point is outside the Dealock Prevention zone.

3.1.6.32 ATZN-032 %s last pt in DP zone

Cause: The last motion point of the TP program is inside the Deadlock Prevention zone.

Remedy: Re-teach the TP program, enable the Deadlock Prevention analysis, and then verify that the last motion point is outside the Dealock Prevention zone.

3.1.6.33 ATZN-033 %s %d not in MASH

Cause: The hostname and the group number is not found in MASH main setup menu.

Remedy: Configure the hostname and the corresponding group number