

3.15.9.19 PROF-018 Exist specific diag(%d)

Cause: A status message exists in the slave specific diagnostic area in the received diagnostic data.

Remedy: Please investigate the specific diagnostic data.

3.15.9.20 PROF-019 Multi-boards are not supported

Cause: Multiple Profibus boards are not supported.

Remedy: Please set only one Profibus board.

3.15.10 PROG Alarm Code**3.15.10.1 PROG-001 Invalid pointer is specified**

Cause: This indicates an internal system error.

Remedy: Perform a cold start: 1. Turn off the robot. 2. On the teach pendant, press and hold the SHIFT and RESET keys. 3. While still pressing the SHIFT and RESET keys, turn on the robot. If the error is not cleared, document the events that led to the error and call your FANUC America Corporation technical representative.

3.15.10.2 PROG-002 Invalid task name is specified

Cause: The task name specified is invalid.

Remedy: Check the task name.

3.15.10.3 PROG-003 Invalid prog name is specified

Cause: The program name specified is invalid.

Remedy: Check the program name.

3.15.10.4 PROG-005 Program is not found

Cause: The specified program cannot be found.

Remedy: Check the program name.

3.15.10.5 PROG-006 Line is not found

Cause: The specified line number cannot be found.

Remedy: Check the line number.

3.15.10.6 PROG-007 Program is already running

Cause: The specified program is already being executed.

Remedy: Check the program name.

3.15.10.7 PROG-008 In a rtn when creating a task

Cause: Execution cannot be started in sub-routine program.

Remedy: Check the line number.

3.15.10.8 PROG-009 Line not same rtn as paused at

Cause: Resumption was attempted at a different line from the paused line.

Remedy: Check the line number.

3.15.10.9 PROG-010 Not same prg as paused

Cause: Resumption was attempted in a different program from the paused one.

Remedy: Check the program name.

3.15.10.10 PROG-011 Cannot get the motion control

Cause: Motion control cannot be obtained.

Remedy: Check the teach pendant enable switch and other running programs to determine who has motion control.

3.15.10.11 PROG-012 All groups not on the top

Cause: There is paused motion later than motion that was attempted to resume.

Remedy: Resume the motion paused the last time.

3.15.10.12 PROG-013 Motion is stopped by program

Cause: This motion was paused by the MOTION PAUSE instruction. Only the RESUME MOTION program instruction can resume the motion.

Remedy: Use RESUME MOTION instruction in the program.

3.15.10.13 PROG-014 Max task number exceed

Cause: The number of programs you attempted to start exceeded the maximum number.

Remedy: Abort dispensable programs or perform a CTRL start and select PROGRAM INIT option to increase the number of tasks allowed.

3.15.10.14 PROG-015 Cannot execute backwards

Cause: Backward execution cannot be used.

Remedy: Do not use backward execution at this point

3.15.10.15 PROG-016 Task is not found

Cause: The specified task is not running or paused.

Remedy: Check the task name. The task name is always the name of the program that was run. The task name will not change even if the running program calls a routine from a different program.

3.15.10.16 PROG-017 Task is not running

Cause: The specified task is not running.

Remedy: Check the task name.

3.15.10.17 PROG-018 Motion stack overflowed

Cause: Too many programs are paused.

Remedy: Resume or abort some programs.

3.15.10.18 PROG-019 Ignore pause request

Cause: The request to pause the program was ignored.

Remedy: Change the NOPAUSE task attribute or use the KCL PAUSE command with the FORCE option.

3.15.10.19 PROG-020 Task is already aborted

Cause: The specified program was already aborted.

Remedy: Check the program name.

3.15.10.20 PROG-021 Ignore abort request

Cause: The request to abort the program was ignored.

Remedy: Change the NOABORT task attribute or use the KCL ABORT command with the FORCE option.

3.15.10.21 PROG-023 Task is not paused

Cause: The specified program is not paused.

Remedy: Pause the program.

3.15.10.22 PROG-024 Not have motion history

Cause: The motion path record is lost.

Remedy: Do not attempt backwards execution at this time.

3.15.10.23 PROG-025 Cannot execute backwards

Cause: Backward execution cannot be used.

Remedy: Do not use backwards execution here.

3.15.10.24 PROG-026 No more motion history

Cause: Backward execution cannot be used any more. The current line is on top of the memorized path.

Remedy: Do not use backwards execution here.

3.15.10.25 PROG-027 Invalid task number

Cause: The task number specified is invalid.

Remedy: Check the task number.

3.15.10.26 PROG-029 Buffer size is not enough

Cause: This indicates an internal system error.

Remedy: Perform a cold start: 1. Turn off the robot. 2. On the teach pendant, press and hold the SHIFT and RESET keys. 3. While still pressing the SHIFT and RESET keys, turn on the robot. If the error is not cleared, document the events that led to the error and call your FANUC America Corporation technical representative.

3.15.10.27 PROG-030 Attribute is not found

Cause: The specified task attribute is not found.

Remedy: Check the attribute.

3.15.10.28 PROG-031 Attribute is write protected

Cause: The specified task attribute is write protected.

Remedy: Do not try to change the attribute.

3.15.10.29 PROG-032 Invalid value for attribute

Cause: The value for the specified attribute is invalid.

Remedy: Check the attribute value.

3.15.10.30 PROG-034 Routine not found

Cause: The specified routine cannot be found.

Remedy: Check the routine name and verify it is loaded.

3.15.10.31 PROG-035 Not locked the specified group

Cause: Motion control for the specified group cannot be locked.

Remedy: Check the teach pendant enable switch and other running programs to determine who has motion control.

3.15.10.32 PROG-036 The length of trace array is 0

Cause: Not enough memory or the task attribute is not set correctly.

Remedy: Set the trace buffer length using the KCL SET TASK TRACELEN command.

3.15.10.33 PROG-037 No data in the trace array

Cause: There is no execution record in memory.

Remedy: Turn on tracing using the KCL SET TRACE ON command.

3.15.10.34 PROG-039 locked, but not get mctl

Cause: Motion control for the specified group was reserved, but it cannot be obtained.

Remedy: Check the teach pendant enable switch and other running programs to determine who has motion control.

3.15.10.35 PROG-040 Already locked by other task

Cause: Motion control for the specified group was already reserved by another program.

Remedy: Check the other running programs to determine who has motion control.

3.15.10.36 PROG-041 mctl denied because released

Cause: Motion control is released. The teach pendant currently has motion control. The robot cannot be started until motion control is obtained.

Remedy: Disable the teach pendant.

3.15.10.37 PROG-042 Already released

Cause: Motion control was already released.

Remedy: If you had expected that the task may have already released the group, this may not be an error. Otherwise, check UNLOCK_GROUP usage.

3.15.10.38 PROG-043 Already released by you

Cause: Motion control was already released by request of this program.

Remedy: If you had expected that the task may have already released the group, this may not be an error. Otherwise, check UNLOCK_GROUP usage.

3.15.10.39 PROG-044 Arm has not been released yet

Cause: Motion control was not released yet.

Remedy: If you had expected that the task may have already locked the group, this may not be an error. Otherwise, check LOCK_GROUP usage.

3.15.10.40 PROG-045 Other than requestor released

Cause: Motion control was already released by the request of another program.

Remedy: If you had expected that another task may have already released the group, this may not be an error. Otherwise, check UNLOCK_GROUP usage.

3.15.10.41 PROG-046 TP is enabled while running (%s^7)

Cause: The teach pendant was enabled while the program is executing.

Remedy: Disable the teach pendant and resume the program.

3.15.10.42 PROG-047 TP is disabled while running (%s^7)

Cause: The teach pendant was disabled while the program is executing.

Remedy: Enable the teach pendant and use shift-FWD to resume execution.

3.15.10.43 PROG-048 Shift released while running (%s^7)

Cause: The shift key was released while the program is executing.

Remedy: Hold the shift key and press the FWD key to resume execution.

3.15.10.44 PROG-049 Cannot release, robot moving

Cause: Motion control cannot be released because the robot is moving.

Remedy: Check the status of robot motion.

3.15.10.45 PROG-050 Abort still in progress

Cause: The program is in the process of being aborted.

Remedy: Wait a second. If this error continues to occur, perform a cold start: 1. Turn off the robot. 2. On the teach pendant, press and hold the SHIFT and RESET keys. 3. While still pressing the SHIFT and RESET keys, turn on the robot. If the error is not cleared, document the events that led to the error and call your FANUC America Corporation technical representative.

3.15.10.46 PROG-051 Cannot skip the return stmt

Cause: The specified lines to which a move was attempted exceed the number of lines in the program.

Remedy: Check the line number.

3.15.10.47 PROG-052 Process is aborted while executing

Cause: The user application task was forced to abort while the application is executing. The AMR may not have been completely processed.

Remedy: This requires no special action for the user.

3.15.10.48 PROG-053 User AX is not running

Cause: The user application task was not executed.

Remedy: Start the user application task before executing the application.

3.15.10.49 PROG-054 FWD released while running (%s^7)

Cause: FWD key was released while the program is executing.

Remedy: Hold the FWD key with shift key to resume execution.

3.15.10.50 PROG-055 BWD released while running (%s^7)

Cause: BWD key was released while the program is executing.

Remedy: Hold the BWD key with shift key to resume execution.

3.15.10.51 PROG-056 Motion data out is enable

Cause: Motion data output function is enable instead of machin lock id disable.

Remedy: Please disable motion data output in test cycle menu.

3.15.10.52 PROG-057 Power Fail Recover memory is cleared

Cause: The backup of the execution memory failed. Then, the system restarted automatically.

Remedy: Cycle power to the controller.

3.15.10.53 PROG-058 Pause[P]

Cause: Pausing when using M-TP. This error happens only when using the M-TP(J897) option.

Remedy: Push the OK button, restart the program, or push servo-ON button on M-TP to reset this warning.

3.15.10.54 PROG-059 Abnormal communication[P]

Cause: Abnormal communication with the M-TP. This error happens only when using the M-TP(J897) option.

Remedy: Power OFF and ON the controller.

3.15.10.55 PROG-060 Don't set FANUC's uframe[P]

Cause: An attempt was made to set FANUC's uframe. This error happens only when using the M-TP(J897) option.

Remedy: Don't set FANUC's uframe when using the M-TP.

3.15.10.56 PROG-061 Set GD[%s][P]

Cause: GD variable which is used by SHIFT-ON command is not set. This error happens only when using the M-TP(J897) option.

Remedy: Set the GD variable.