

HOW TO NOT TO ROTATE EOAT WHILE REFERENCING EPIK / UNIK





**Take out SD card from
the robot PLC**



Connect it to the PC

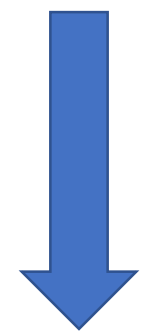
Before moving on to the next step,
PLEASE BACK UP the data
into your PC or another SD card.

Name	Date modified
application	12/10/2020 3:55 PM
protocol	12/10/2020 3:55 PM
system	12/10/2020 3:55 PM
systemsettings	12/10/2020 3:55 PM
terminal	12/10/2020 3:55 PM
PmaData.bin	3/7/2018
ProcessData.csv	12/3/2020

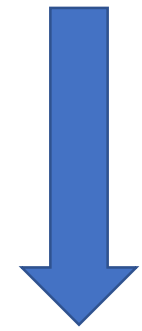
> application

Name	Date modified	Type
control	12/10/2020 3:55 PM	File folder
view	12/10/2020 3:55 PM	File folder

<Application>



<Control>



> application > control

Name

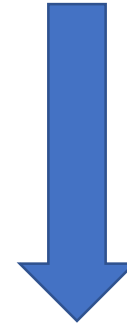
config
iecontrol
teachcontrol
text

> application > control > teachcontrol



















Name

_global.tt
_system.tt
a1214.tt
aaa.tt
advancedposition.tt
andy.tt
ball.tt
bbb.tt
bbba.tt
eclipse.tt
eric.tt
escalade.tt

<teachcontrol>



**You will see mold project file folders.
Find the mold file folder you want to modify.**

 master_ko.properties	6/15/2
 master_zh.properties	6/15/2
 orderpoint.tid	6/15/2
 orderpoint.tip	6/16/2
 OutSideWaitPosition.tip	9/11/2
 projectbase.ttu	6/15/2
 ReadCurPos.tip	9/3/20
 reference.tid	6/15/2
 reference.tip	1/11/2
 reference_de.properties	6/15/2
 reference_en.properties	6/15/2
 reference_ko.properties	6/15/2
 reference_zh.properties	6/15/2
 Rotation.tip	5/10/2
 rotation_de.properties	6/15/2
 rotation_en.properties	6/15/2
 rotation_ko.properties	6/15/2
 rotation_zh.properties	6/15/2

Find “reference.tip”

**Open it with
Notepad app**

Find “CALL Rotation()”

Add “##” in the front and "Save" it

reference.tip - Notepad

File Edit Format View Help

```
// KAIROVersion 2.00
iWaitingID := 330
SetDO(douRotation,OFF)
SetDO(douRotationReturn,OFF)

DeclareRobotUnreferenced()

IF RobotState.nrOfAuxAxis >= 2 THEN
  RefRobotAxisHY(Aux2, rArrayHomOffset[4], vAxis5,
END_IF
RefRobotAxisHY(A3, rArrayHomOffset[2], vAxis3, digMa

IF digMainArmKickOrigin.val = FALSE THEN
  IF RobotState.nrOfAuxAxis >= 1 THEN
    RefRobotAxisHY(Aux1, rArrayHomOffset[3], vAxis4
  END_IF
  RefRobotAxisHY(A2, rArrayHomOffset[1], vAxis2, di
ELSE
  RefRobotAxisHY(A2, rArrayHomOffset[1], vAxis2, di
  IF RobotState.nrOfAuxAxis >= 1 THEN
    RefRobotAxisHY(Aux1, rArrayHomOffset[3], vAxis
  END_IF
END_IF

bNoRotationWhileMoving:=TRUE
CALL Rotation()

RefRobotAxisHY(A1, rArrayHomOffset[0], vAxis
iWaitingID := 1000
CALL homing()
```

bNoRotationWhileMoving:=TRUE

CALL Rotation()

##CALL Rotation()

RefRobotAxisHY(A1, rArrayHomC



**Insert SD card to the robot
And turn it on**

**Confirm the direction
of the SD card.**

**If you forcibly insert the memory card in the wrong
direction, the memory card, memory card slot on the
robot, or image data may be damaged.**

CAUTION

Always back up the files first before you editing them

- 1. This modification ONLY applies to the mold file you selected, not apply to other mold files.**
- 2. If you want to add new mold file with no rotation, we strongly recommend you to duplicate it (copy).**
- 3. Do not change and edit any other files without permission.**

If you have any questions, email us at sales@hyrobotics.com