

Step 3 - Backup the Original Project

Archiving a TwinCAT Project

Step 4 - Take a copy of the axes.mul file

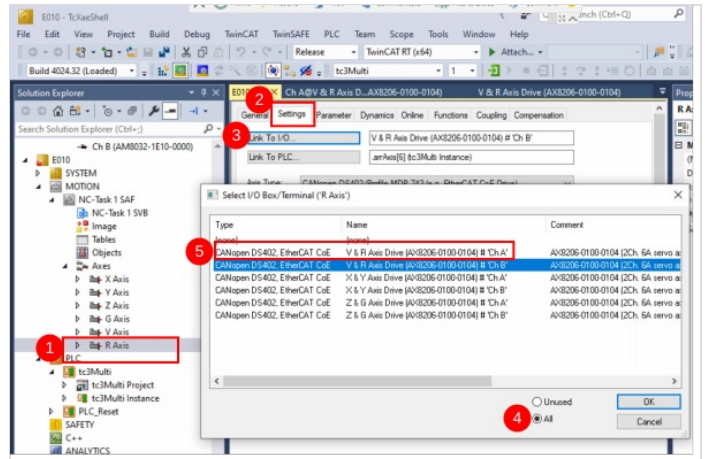
Take a copy of the axes.mul file first

Edit the second column next to V axis from 1 to 0

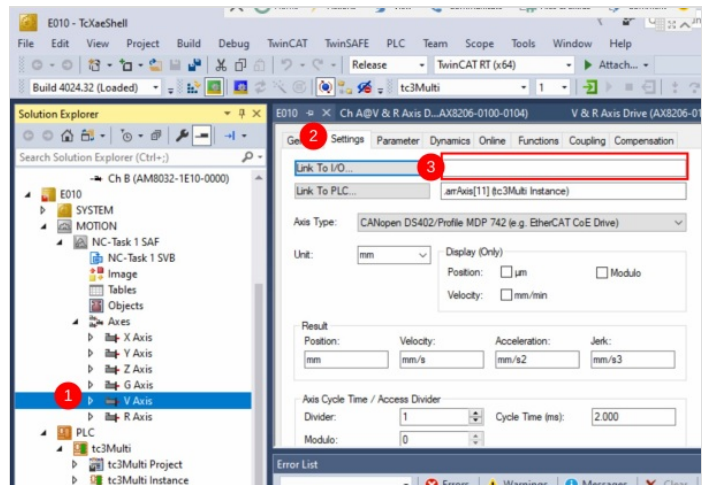
```
File Edit Format View Help
X,1,1,1,19636.700,0,1500,1200,2000,18.0,120.0,In_XHome,3,50,25,0.0,0.0,20.0,0.000,-60
Y,2,1,1,104857.000,0,300,500,500,0.9,0.0,In_YHome,1,20,5,0.0,0.0,10.0,0.000,-104,119
Z,3,1,1,104857.000,0,300,500,500,-109.2,0.0,In_ZHome,1,20,5,0.0,0.0,20.0,0.000,-145,1
G,4,1,2,209715.200,1,100,100,100,38.0,30.0,In_GHome,0,20,10,0.0,0.0,5.0,0.000,24,59,1
V,5,0,1,104857.000,0,100,300,300,127.3,120.0,In_VHome,2,30,5,0.0,0.0,5.0,0.000,5,250,1
R,6,1,1,130321.800,0,200,400,400,2.5,0.0,In_RHome,1,10,10,0.0,0.0,10.0,0.000,-1,364,1
```

Step 5 - Remap the Faulty Axis to a Good Drive

1. Select faulty drive (in this case the R axis)
2. Settings Tab
3. Link to IO
4. Select All, not just unused
5. Double click the Existing V axis (in this case Drive V&R Channel A)



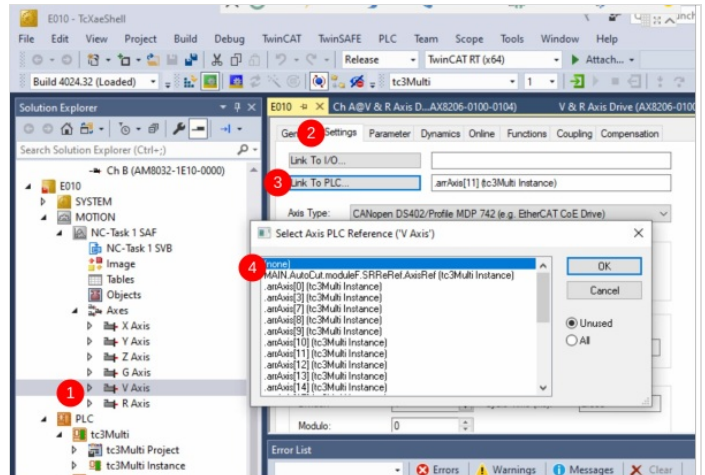
Step 6 - Check the V axis is now unmapped



Step 7 - Unlink the V axis from the PLC

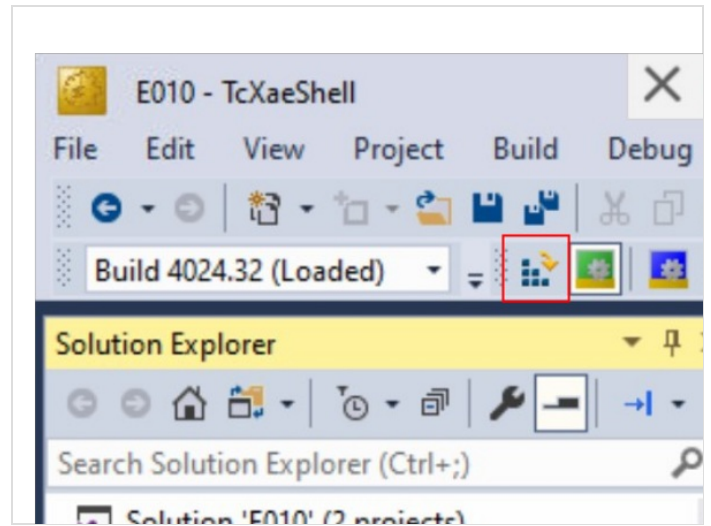
It is currently connected to axis 11

Map it to "none"



Step 8 - Activate configuration


Restart in Run Mode

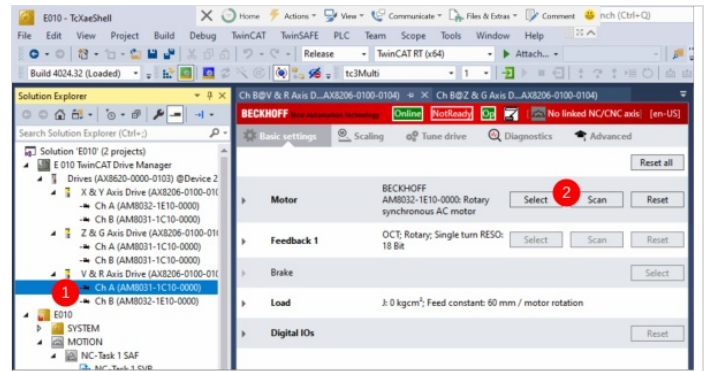


Step 9 - Rescan the motor on the axis

On Drive Manager, navigate to the V axis drive
Click Rescan Button

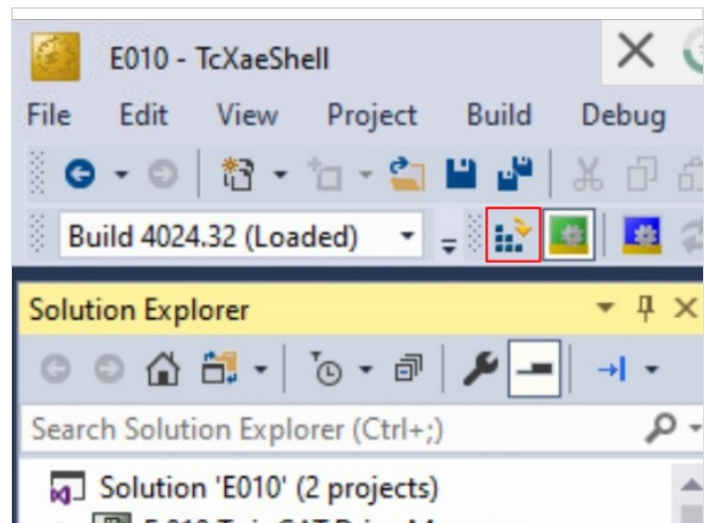
Repeat for the drive you have swapped it with

 ...This step ensures the drives do not throw an error because they detect the wrong motor type connected




Step 10 - Activate the configuration

Restart in Run Mode



Step 11 - Rename the drive with a note

Add - REMAP on the end of the drive name

 ...This just adds as a reminder for when this whole process will need to be reversed when changing back again

Step 12 - Click back to Drive Manager and enable the rename

When Drive Manager is activated, it will want to copy the name change over. Click Yes

