

	Updated by: Anders Jahnberg		Approved by: Göran Holmqvist	Version 2.0
To ABB SolutionsBank	Dept. STS	Date 2008-12-02	Filename TSG_RS 40 How to restore a backup in RobotStudio 4.0 or QuickTeach 5.5.doc	Page 1/8
Software Support, Industrial Software Products		Type of doc: Trouble Shooting Guideline (TSG)		

## TSG\_RS 40 : How to restore a backup in RobotStudio or QuickTeach

**Product:** RobotStudio – QuickTeach

**Version:** 4.0 – 5.5

**Problem:** I want to restore a backup

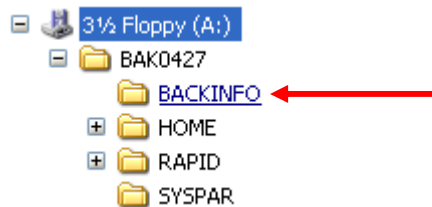
**Solution:** A restore from a backup is made from the TeachPendant the same way as with a real RobotController.  
Please follow the example below :

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#### 1. Create a Virtual Controller that matches the backup

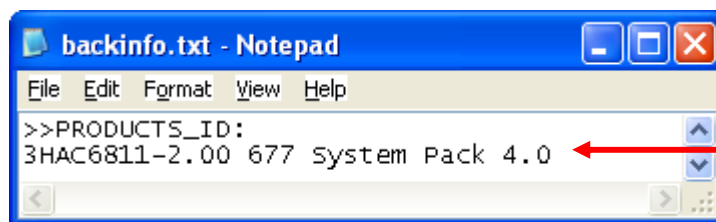
1. Open the file Backinfo.txt that is saved with the backup (BAKxxxx\BACKINFO\backinfo.txt).  
On the Windows **Start** button, click **Run**, input **notepad** and click **OK**, in **Notepad** browse to the folder **backinfo** of the backup that should be restored, find the file **backinfo.txt** and open it (see picture below)



2. Start the Virtual Robot Browser.  
On the Windows **Start** button, point to **Programs**, then to **ABB Automation** and click **Virtual Robot Browser**
3. Open the SystemPool window.  
Click **Go to SystemPool** and click **Browse**

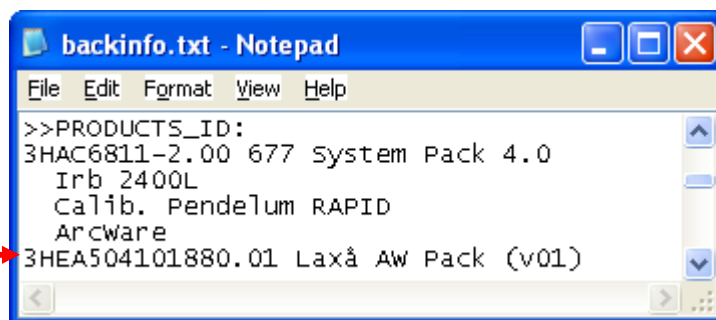
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- Select the correct controller version.  
Browse to **c:\program files\common files\abb automation\controls\**, select the correct version of controller (it is listed in the file **Backinfo.txt** under **>>Products\_id** as **System Pack x.x**), *Ex.* If it is 4.0 you double-click on **V40** and then you double-click on **robots** (see picture below)



Controller version

- Close the SystemPool window.  
Click **OK** twice
- Create the Virtual Controller.  
Click **Create** and input your desired name under the label System Name, if you use Paint Options check the box **Use Paint Options**, click **Insert Virtual Key** and click **OK**
- Additional Key window.  
Click **Next**, if you have any additional keys *Ex.* external axes you should enter it here, if you have a **.kxt** file click **Add Key from file** (see picture below)



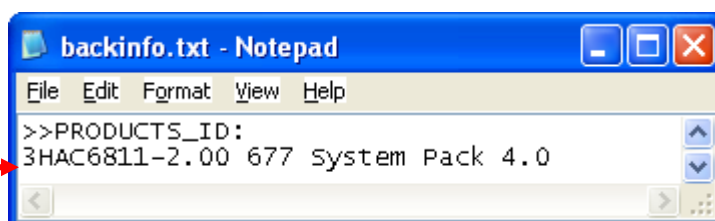
Additional Key "file" for the Irbp250L positioner

- Additional Parameters window.  
Click **Next**, if you have any additional parameters *Ex.* I/O boards click **Add** under the label Additional Parameters

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- Select the correct Program Revision.  
Click **Next**, uncheck **Use Latest Program Revision** and click **Rev. Select**, select the program revision of your controller (it is listed in the file **backinfo.txt** under **>>Products\_id**) Ex. 3HAC6811-2.00 677 System Pack 4.0 and click **OK** (see picture below)

Program revision

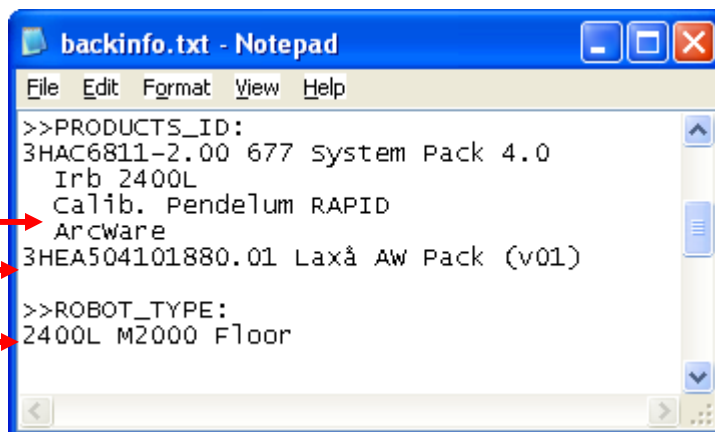


- Options window.  
Click **Options**, select the correct robot model and all options listed in the file **backinfo.txt**, if you have any external axes you must also select the correct options for them, click **Finish** (see picture below)

Option ArcWare

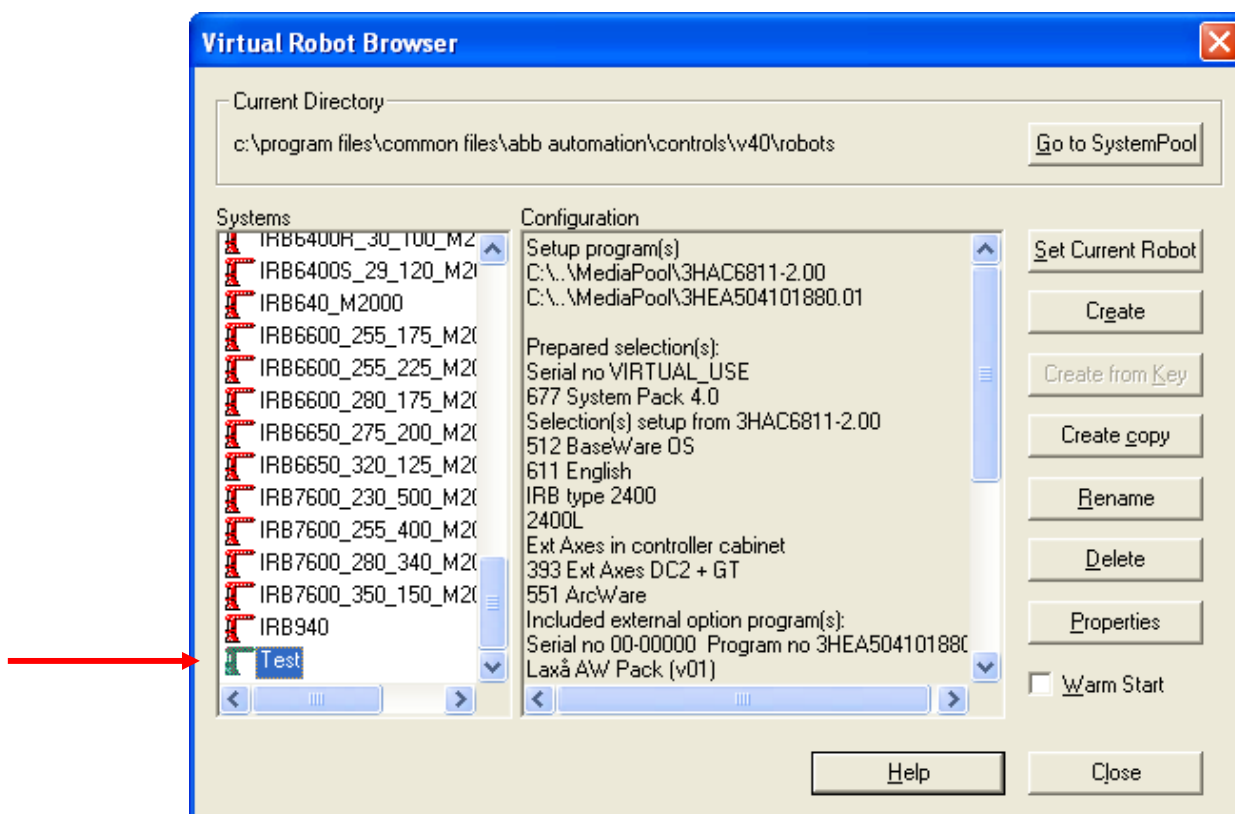
External axes (positioner)

Robot model IRB2400L M2000



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- Select the new controller.  
Click **Finish** and click **Set Current Robot** (see picture below)

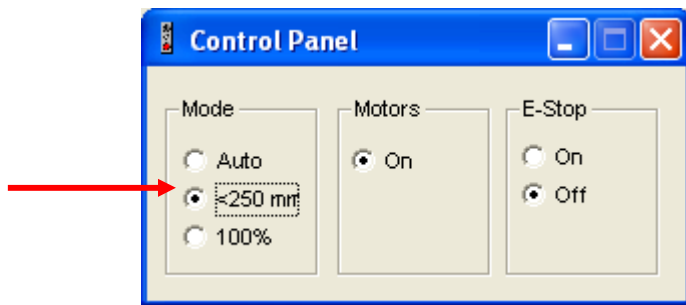


- Close the Virtual Robot Browser.  
Click **Close**.

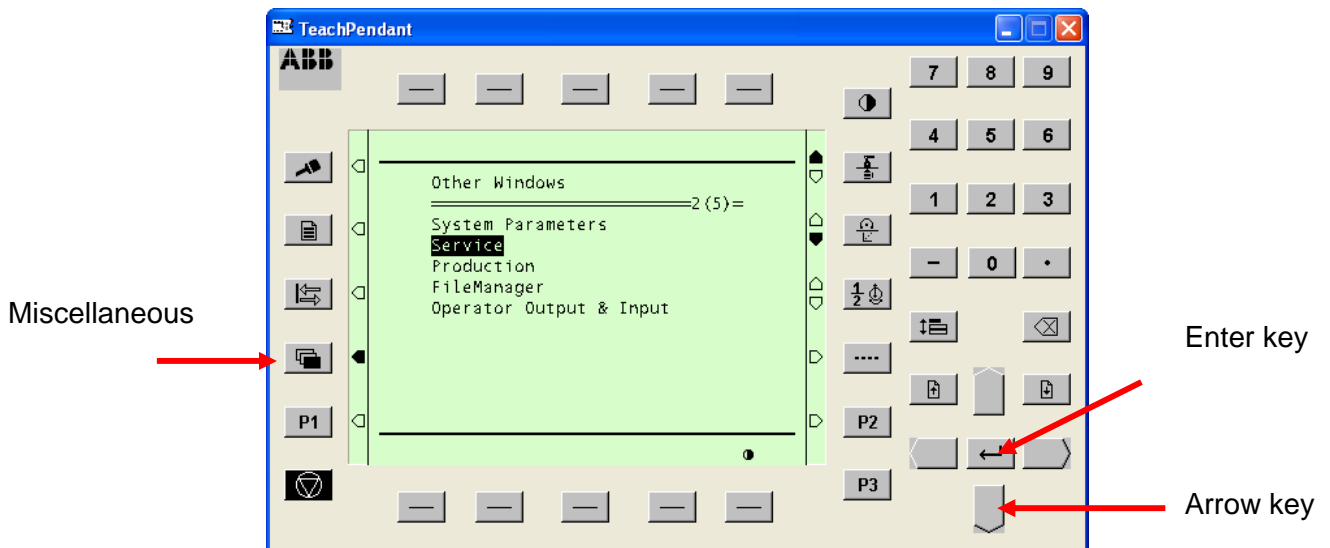
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**2. Restore the backup to the Virtual Controller**

1. Start QuickTeach.  
On the Windows **Start** button, point to **Programs**, then to **ABB Automation**, then to **QuickTeach** and click **QuickTeach**
2. Go to manual mode.  
Click on the **250mm/s** button in the Control panel (see picture below)

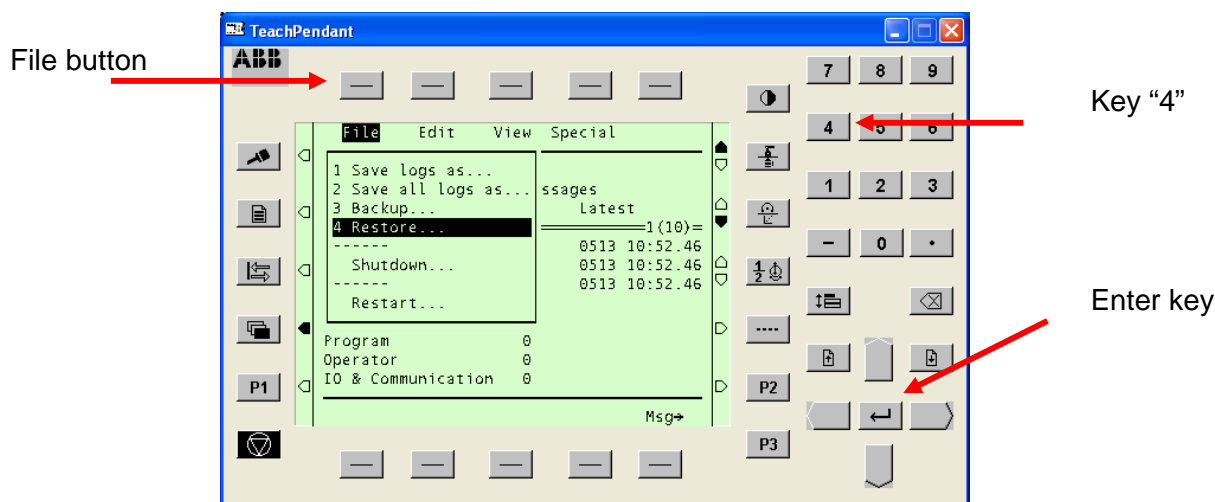


3. Select Service.  
Click on the **Miscellaneous** button, select Service with the **Arrow key** then press the **Enter key** (see picture below)

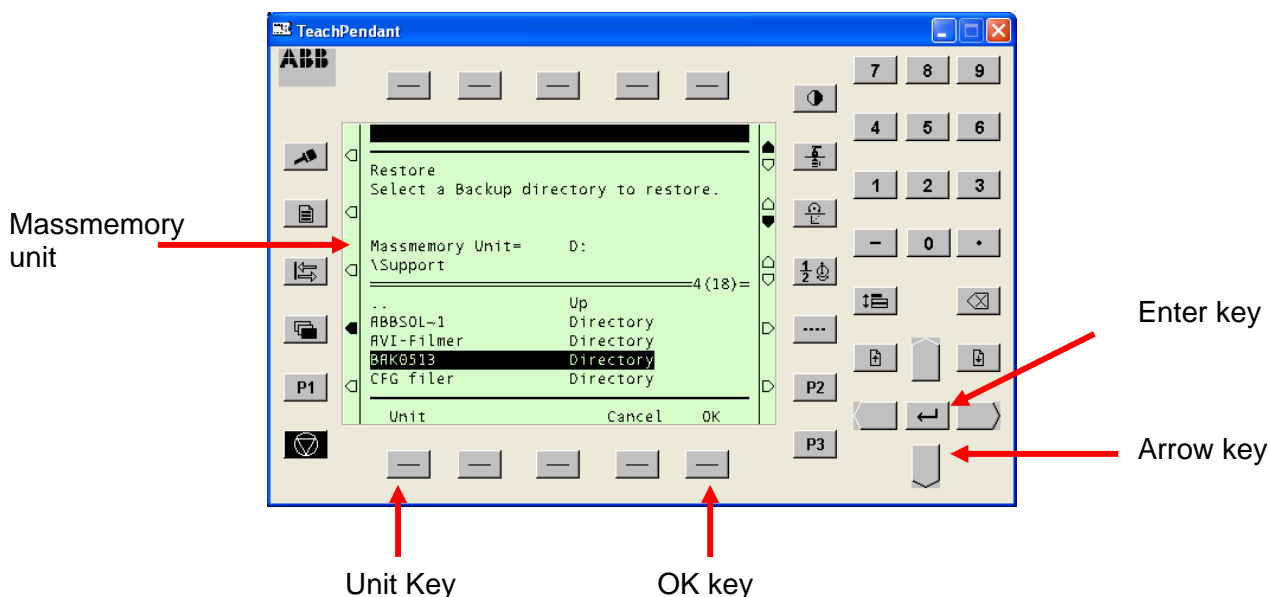


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- Select File and Restore.  
Click on the **File** button then click on **4** to select **Restore** (see picture below)

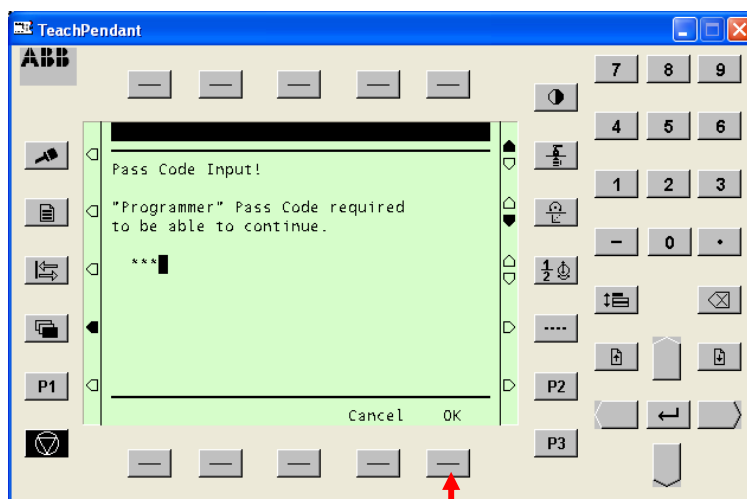


- Select unit and directory.  
Press the **Enter key**, press the **Unit Key** repeatedly until the desired **Massmemory unit** (hard disc) is displayed then use the **Enter key** and the **Arrow key** to browse to the desired directory, press the **OK key** (see picture below)



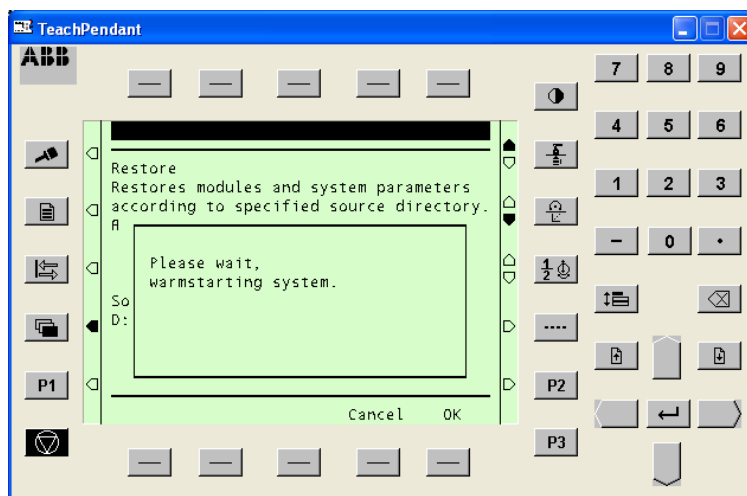
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- Enter the Programmer pass code.  
Press the **OK** key and enter the **Programmer pass code "007"** then press the **OK** key, (the pass code is **007** if no one has changed it) (see picture below)



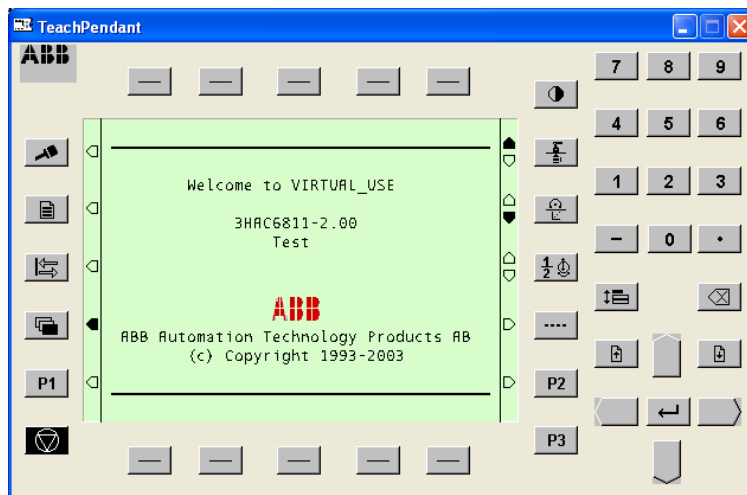
OK key

- Restore the backup.  
Press the **OK** key, if everything is ok the Virtual Controller will now perform a warm start.



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8. The restore is now completed.



If you have any further questions, please contact your local ABB Support Center.