

# Installing Thoroughbred 8.8.0 on OpenVMS Alpha Systems

## Preliminary Preparations

This CD will install into a directory (TBRED88...). If you are already using this directory, we suggest renaming it during this process, or installing on a disk where there is no conflict.

If you are using any level 8 Thoroughbred product, use the Dictionary-IV Backup/Restore utility to make a backup of the System Dictionary, containing everything except system information. We also suggest you backup the disk that Thoroughbred will be installed on.

Have all current users of Thoroughbred exit or logoff for the duration of this installation.

If you are installing on OpenVMS Alpha 7.1 or later, the following steps are necessary in order for the run-time engine to be installed as resident code:

```
Set Def Sys$system
Run sysgen
sysgen>show imgreg_pages
```

If the current value is not at least 25000, do the following:

```
sysgen>use current
sysgen>set imgreg_pages 25000
sysgen>write current
sysgen>exit
```

Then edit modparams.dat and insert a line as follows:

```
IMGREG_PAGES=25000
```

If you wish to test residency during the installation, reboot now.

If you have rebooted before installing, and during the installation you receive a message that the **/resident parameter has been ignored**, you can either remove the residency option of some other installed images, or go through the above process and increase the image region pages at a later time. If the Thoroughbred run-time image is non-resident for your installation, each Thoroughbred user will require about 1.7Mb of virtual memory. Depending upon real memory available at your site, this may be perfectly acceptable.

## Begin Installation

1. Login as **SYSTEM** for this installation.
2. Write down the serial number supplied on the CD label. You will need the last 12 characters of the serial number during this process. For example: 401099999-VC.
3. Mount the CD in an available drive. We will refer to the drive as cdrom:  
**\$ MOUNT/OVER=ID CDROM:**

Mount the CD as a files-11 disk.

4. `$ SET DEFAULT CDROM:[INSTALLATION.OpenVMS_Install]`
5. `$ @Umask0`  
This sets protection open for created files.
6. `$ @Install86`  
This prompts you for the device name to install onto, copies the environment to the target disk, sets the logical names for the installation. It also sets default to the target directory, runs the installation program, adds TBASIC as a DCL verb, executes the startup file and attempts to put you into Thoroughbred.

You will be prompted for the serial number and checksum. After Basic has been installed you will be asked if you wish to enter the activation key. You will need the 9-digit installation code that is on the screen at this time. Either call Thoroughbred Activation Desk at 800-524-0430 or see [www.tbred.com](http://www.tbred.com) for Activation.

Say **Yes** to activate and enter the 8-byte (upper-case) Activation Code.

7. **NOTE:** Tbred utilities including the install program refer to the "Escape" key. For OpenVMS installations this is <CTL>C (or Control Key and C).
8. When you come to a >READY prompt, type `RUN"INSTALL"` and use the **PF4** key at the end of the installation.
9. Select the products to install. We recommend **ALL**. The minimum is Basic, Utilities, and Dictionary-IV.

If you have an existing system, now is the time to copy your production IPLINPUT file(s) to TBRED86 (or other appropriate directory). After you will need to update the new Dictionary with the non-system backup file you created earlier. The next step is to recompile all scripts and reports, and check for errors.

For installation problems, call 800-524-0430 for Compaq/HP OpenVMS systems, or e-mail [support@tbred.com](mailto:support@tbred.com).