TOTAL PHASE

BEAGLE™ USB 5000

SUPERSPEED

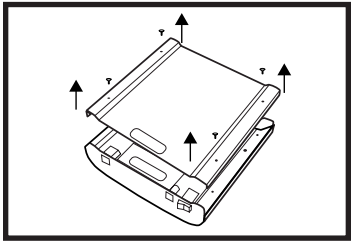
Memory Upgrade Installation Guide



Installation of 4GB Memory

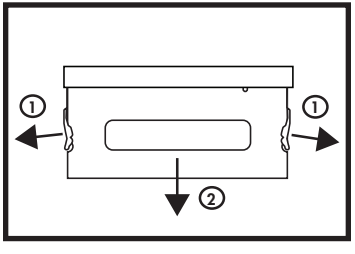
Materials Needed

- 1 Beagle USB 5000 analyzer
- 1 4GB memory module
- 1 screwdriver
  (recommended: Phillips M2)



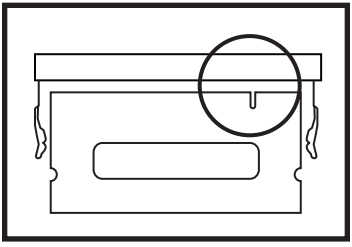
1. Remove the bottom plate.

- Turn the Beagle USB 5000 analyzer upside down.
- Use a screwdriver to unscrew the four screws on the bottom plate of the analyzer.
- Remove the bottom plate.



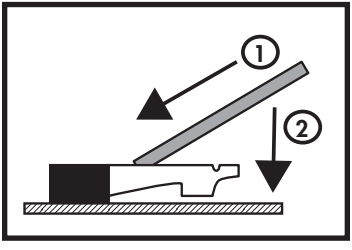
2. Remove the 2GB memory module.

- The original 2GB memory module is located in the SO-DIMM connector.
- Pull on the two hinges (located on each side of the SO-DIMM connector) and the 2GB memory module will rise to a 45° angle.
- Slide the 2GB memory module out and set it aside.



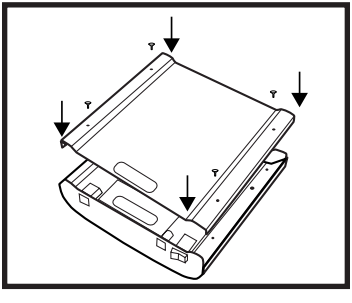
3. Install the 4GB memory module.

- Align the 4GB memory module so that the notches on the chip corresponds to the notches in the SO-DIMM connector.



4. Secure the 4GB memory module.

- Gently slide the 4GB memory module in at a 45° angle.
- Push the 4GB memory module down gently. The memory module will snap in place.
- Please make sure that the memory module is **seated correctly** or the Beagle USB 5000 analyzer will not operate properly.



5. Replace the bottom plate.

- Place the bottom plate back on the Beagle USB 5000 analyzer. Make sure to align the pins properly.
- Use the screwdriver to place the screws back into the bottom plate.
- Follow the instructions on updating the license key.

Update the License Key

Materials Needed

- 1 Beagle USB 5000 analyzer
- 1 computer
- 1 USB cable
- Data Center Software
- 1 License Key

1. Install the USB driver.

- Download and install the Total Phase USB driver.
- You can download the driver at www.totalphase.com

2. Connect the analyzer.

- Connect the USB analysis port of the Beagle USB 5000 analyzer to your computer.
- Turn on the Beagle USB 5000 analyzer.

3. Access the update utility.

- Go to the bin folder in the Data Center Software folder.
- For Windows, double-click the `bgupdate` utility file.
- For Linux and Mac OS X, run the utility in the terminal from its directory.

4. Input the license key.

- At the prompt, run the license command as follows:

```
command > license key_number
```

- The ***key_number*** is the 59 character license key provided after your purchase of the memory upgrade.

5. Test the memory.

- At the command prompt, run the memory test as follows:

```
command > usb3_memtest 1
```

- The memory test will display PASSED or FAILED.
- If the memory test fails, please contact support@totalphase.com for assistance.

6. Exit the utility.

- For Linux and Mac OS X, type `quit` to exit the utility.
- Turn the Beagle USB 5000 analyzer off and turn it back on to get started.

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