SVHT - Silent Brick - Replacement of defective hard drives

This guide describes the steps to replace defective hard drives in a standard or FLASH Brick.

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INTRODUCTION

In this guide you will learn how to unlock and eject the corresponding Silent Brick in order to then replace the disk.

Attention: This guide does not refer to the Silent Brick WORM.

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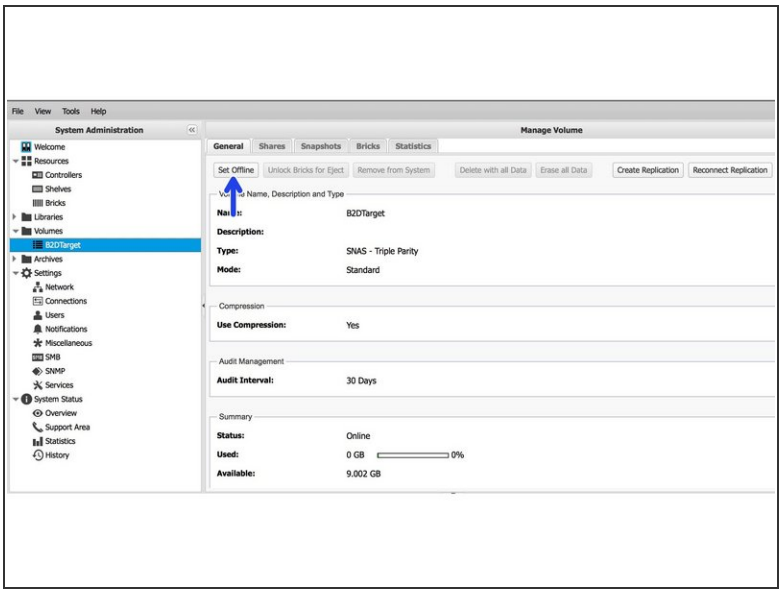
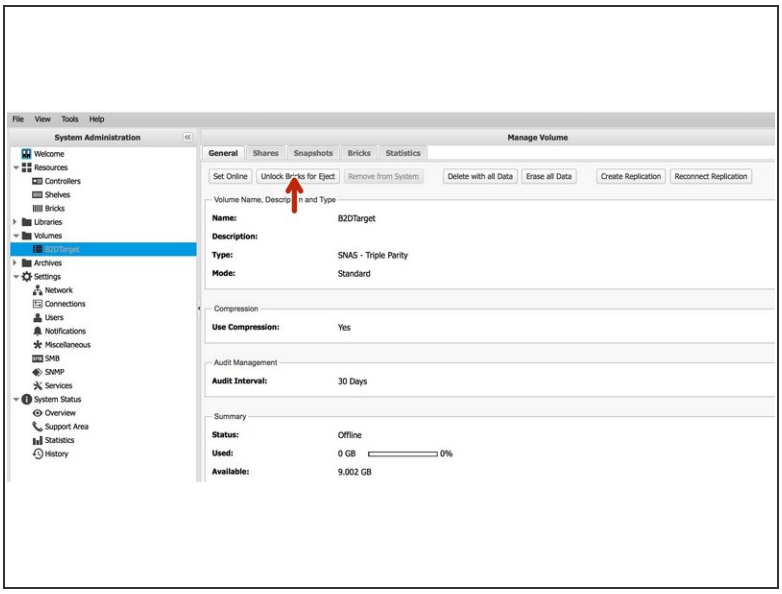
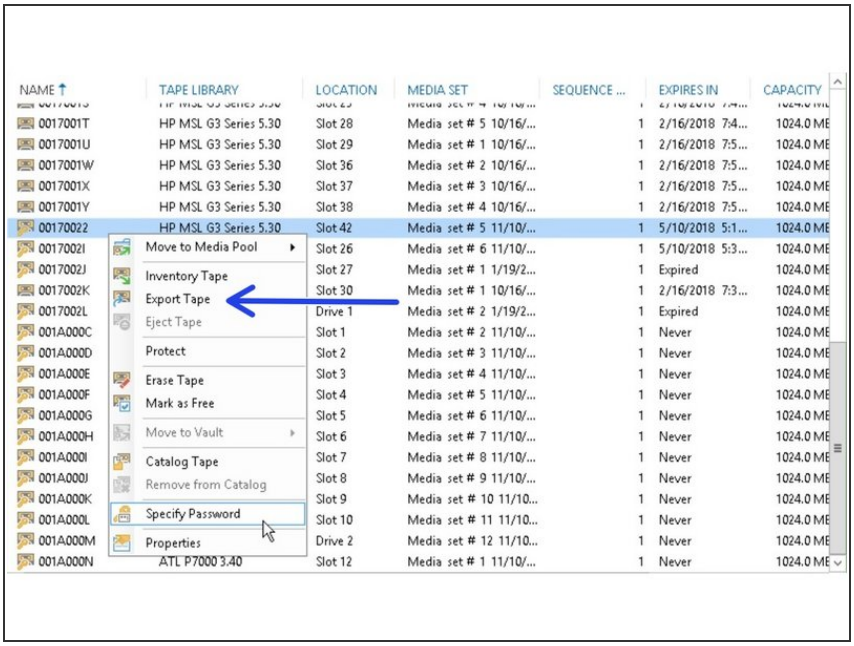
Step 1 — Brick unlock (SNAS)





- For a SNAS, first set the corresponding Volume to Offline
- Then unlock the Bricks to remove

Step 2 — Brick unlock (VTL)



- With a virtual tape library, use your backup software to eject the corresponding Brick using 'Export'.

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Step 3 — Identify unlocked Brick



- The unlocked Brick can be recognized by the even flashing of the LED.

Step 4 — Ejecting the Bricks



- Swipe over the Silent Brick lettering
- Unlocked Bricks are thus ejected

Step 5 — Check the notification



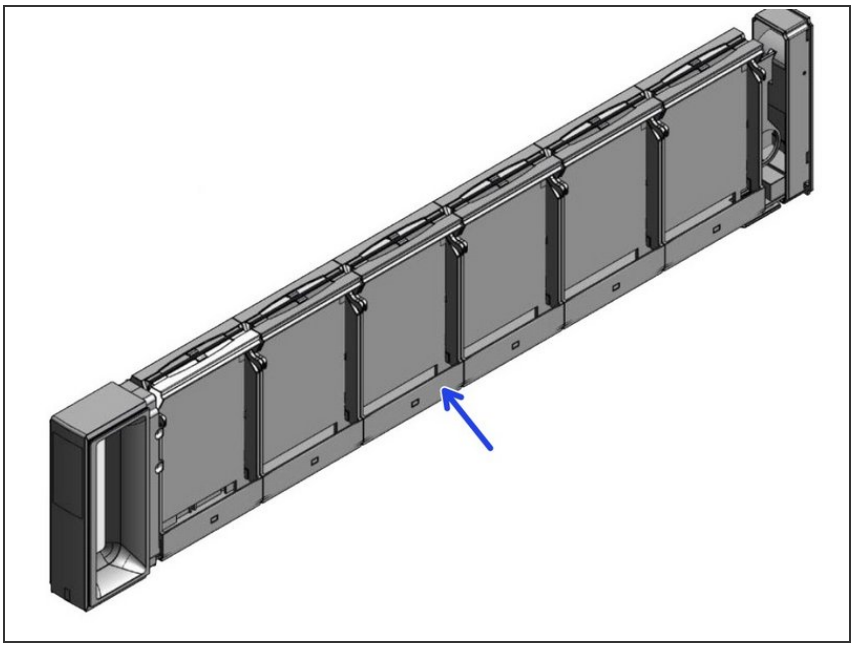
- The Controller Serial shows in which controller the defective Brick is located
- The controller slot shows in which slot of the controller the defective Brick is located.
- The Brick Serial shows the serial number of the defective Bricks
- The disk position indicates in which disk space the defective hard disk is inserted.

Step 6 — Check the e-paper display



- Check the e-paper display
- The defective plate is marked in black
- Write down the position. (Here 5)

Step 7 — Identification of the defective disk



- The opened Silent Brick shows the numbering according to the fixed disk slot (here 5).

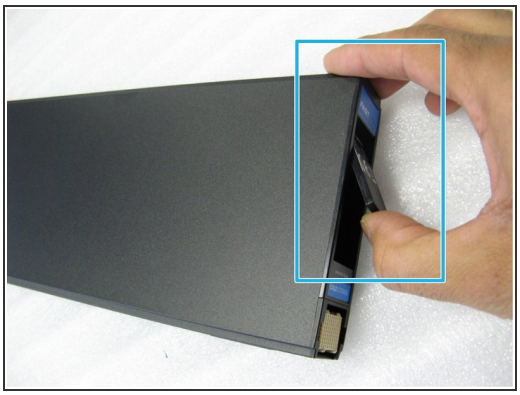
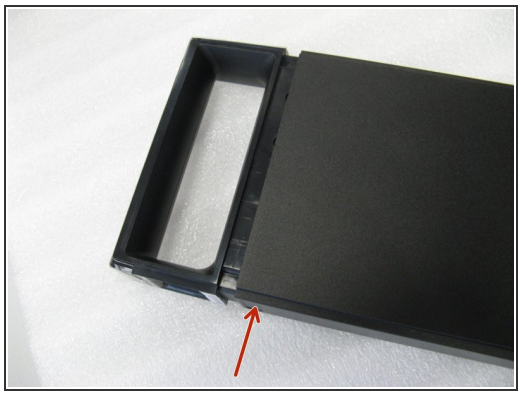
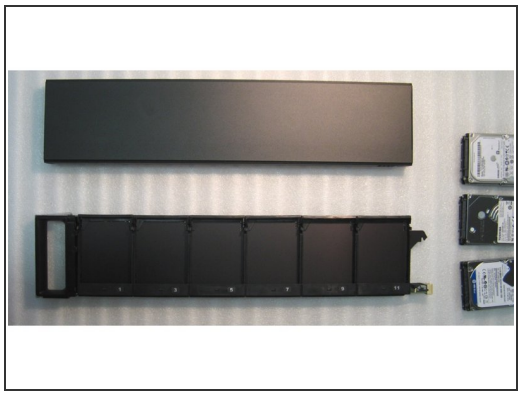
Step 8 — Preparing the disks





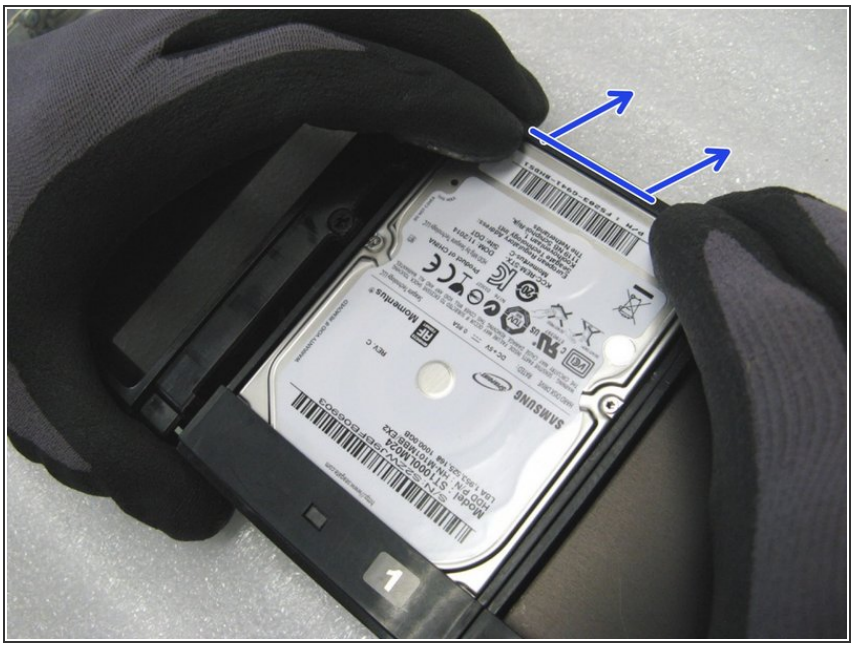
- side screw Two hexagon socket screws by means of a suitable screwdriver into the hard drive.

Step 9 — Prepare container and open

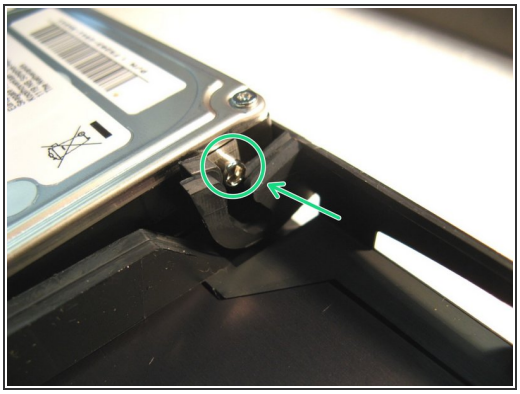
- unpack containers and open lever on the back.
- Depending on the model, press the second release button on the front
- Pull the carriage out of the housing

Step 10 — Remove the defective hard disk



- Press the plastic tab upwards
- The hard disk pushes out of the SATA port and can be removed

Step 11 — Hard drives inserting


- Insert the screw-disks carefully. Make sure that the screw is in the receiving slot to lie.
- The hard disk with the help of the upper plastic cover downwards until it locks.

Step 12 — HDD handling





ⓘ 2.5 "hard drives should if possible be touched only marginally.

⚠ Squeeze In no case in the middle.

Step 13 — Summary



- All steps in the short video summarized.