

**Control and
Visualization Terminal
BTV01.3**
Servicing Guidelines

DOK-SUPPL*-BTV01.3*HDD-MA02-EN-P

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The purpose of this documentation This documentation supports...

- servicing on BTV01.3

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1 Exchanging the Hard Disk in the BTV01.3

Attention: Hard Disks are highly sensitive to shock and vibrations!
 The Hard Disk may only be replaced after **dismantling**
 and if **no power** is being applied to the BTV01.3!

1.1 Removing the Hard Disk

- Switch machine off, dismantle and place it on its front.
- After removing the three mounting screws as illustrated in Figure 1-1, remove the Hard Disk holder and lay it on the right hand side on the back wall of housing.

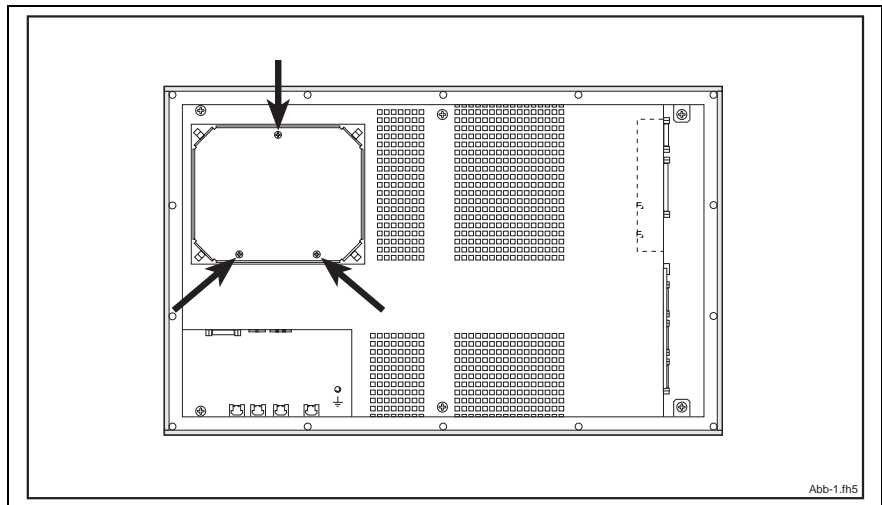


Fig. 1-1: Loosen the Hard Disk holder

- Loosen the mounting screws of the four spring components (Fig.1-2)

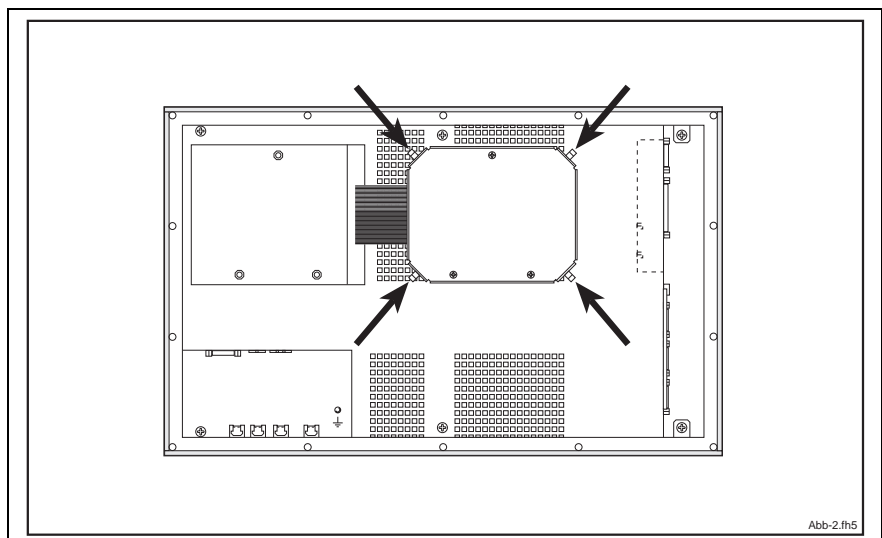


Fig. 1-2: Loosen the four spring components

- Pull the spring components as shown in Fig. 1-3 out somewhat and now remove the cover.

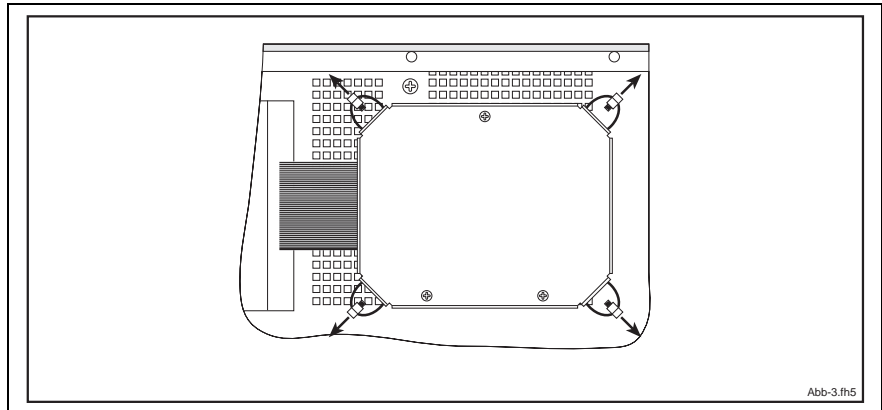


Fig. 1-3: Remove the cover

- After removing the four plastic screws, as it shown in Fig. 1-4, remove the carrier panel of the mounting panel and then pull the cable away from the mounting panel.

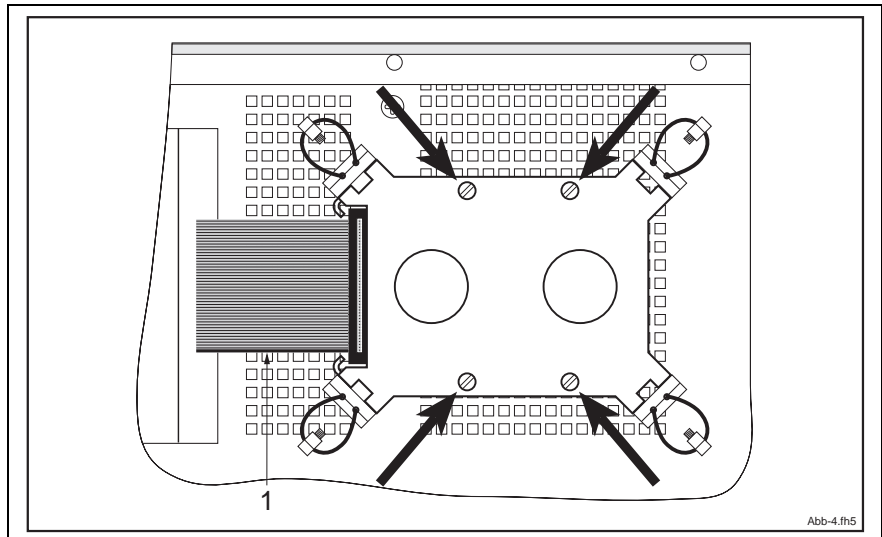


Fig. 1-4: Removing the mounting panel

1.2 Mounting the Hard Disk

- Clip the cable onto the Hard Disk ensuring that the orientation is correct (pin 1).
- Scew Hard Disk onto carrier panel. (Fig.1-4)

Attention: Do not forget the insulating Disc!

Fasten the plastic screws carefully!

- Put cover into place and hook the spring components into place. (Fig.1-3)
- Mount the spring components onto the cover. (Fig.1-2)
- Bring the Hard Disk mounting panel back into place and fasten it. (Fig.1-1)

1.3 Entering the New Hard Disk in the BIOS

- Start the PC.
- Call up the BIOS setup by pressing the keys **Ctrl + Alt + S** during BIOS startup.
- Set values for new Hard Disk (Fixed Disk C:) in:
window 1: Standard Setup Options Menu (see 1.5.1)

Attention: The values are specified in the data sheet of the Hard Disk.

Alternatively, the values of numerous Hard Disks can be automatically determined by selecting Hard Disk types „49“ and „F1“.

- Check all other BIOS settings
(see 1.5.2 as per window 2: Advanced Feature Control Menu)
- Prior to leaving the setup menu, store all settings! (F10)

1.4 Installing the Pre-Installed Hard Disk

1.4.1 DOS

- The Hard Disks are delivered with an operable DOS.
- Additional pre-installations can be ordered.
- Additional software must be installed by the user as per software instructions.

1.4.2 Windows-NT 3.51

- The Hard Disks are delivered directly with an operable Windows NT 3.51.
- Additional pre-installations can be ordered.
- Additional software must be installed by the user as per software instructions.

1.5 BIOS – Settings

Window 1: Standard Setup Options Menu

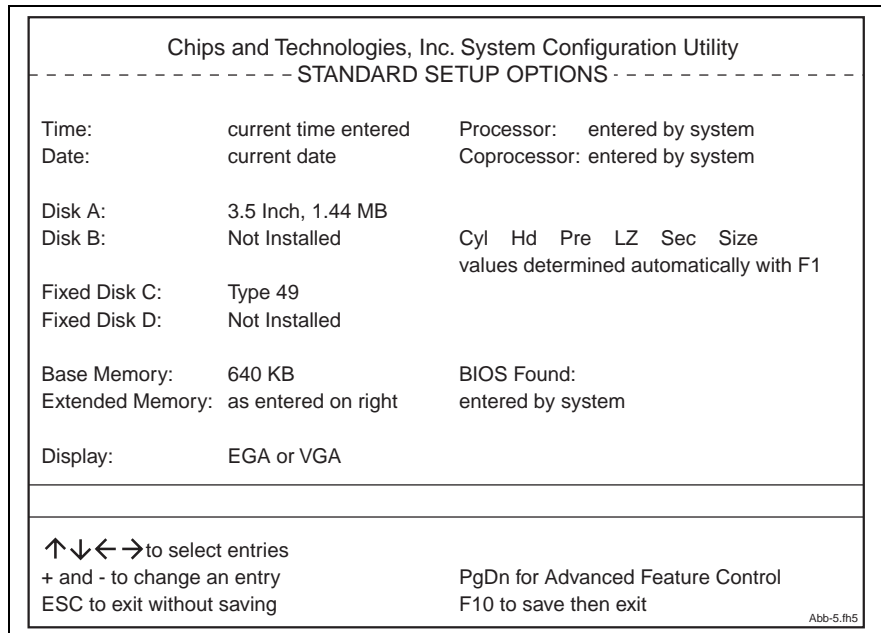


Fig. 1-5: window 1: Standard Setup Options Menu

Window 2: Advanced Feature Control Menu

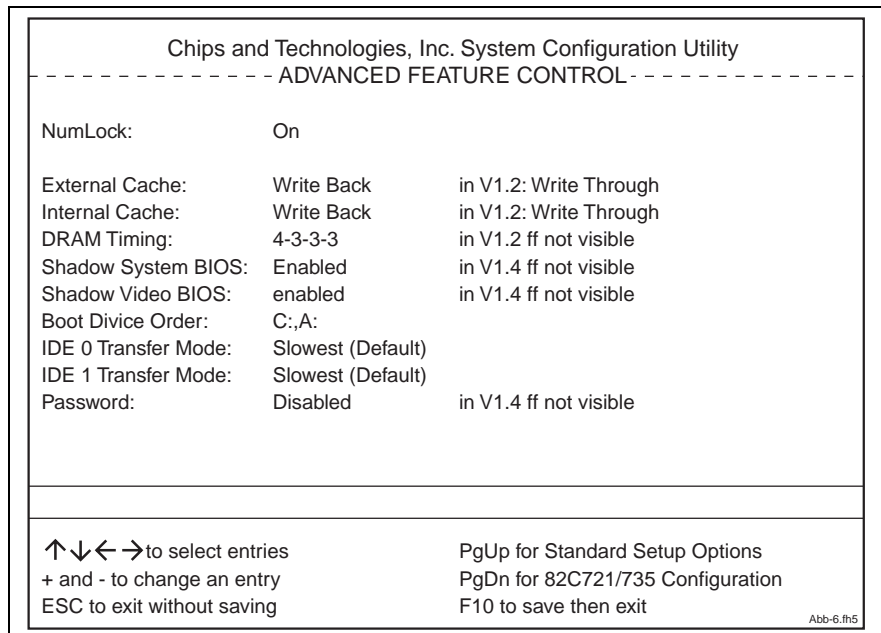


Fig. 1-6: window 2: Advanced Feature Control Menu

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