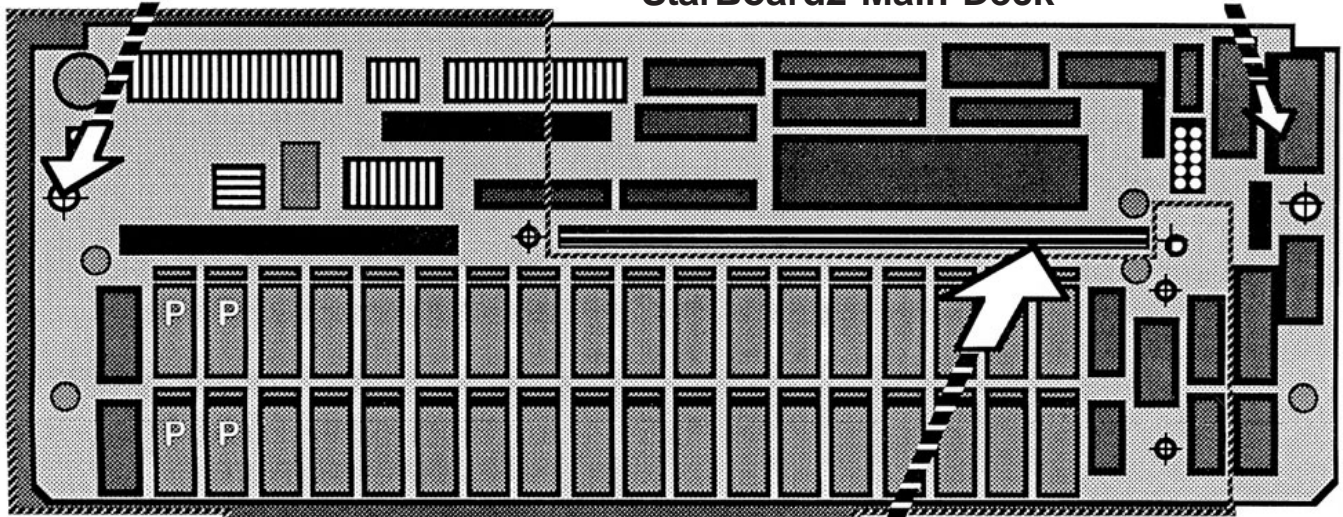# StarBoard2 and Adaptor SB2000 Assembly

Mounting Screw from StarBoard2 Case

Pin 18 Clip-on Location

StarBoard2 Main Deck

SB2000 Adaptor Card
This diagram shows StarBoard2 mounted on the SB2000 Adaptor (which is shown behind StarBoard2 in this drawing).

SB2000 Card Edge

Slip insulating plastic sheath onto StarBoard2's gold card edge (bus pass through).

Installing StarBoard2 in the Amiga 2000 with the SB2000 Adaptor Card:
(documentation version 1.2)

(note that the Adaptor is designed only for use with StarBoard2)

1. Open the case of your Amiga 2000 System Unit to access the 100 pin slots inside of it (see your machine's documentation).

2. If you have a StarBoard2 in a metal case for the A1000, read the StarBoard2 instructions on demounting StarBoard2 from its case then do so. Proceed carefully.

3. Hold the SB2000 Adaptor Card in your left hand, with the gold card edge contacts pointing downwards and with the white plastic and metal posts pointing away from your hand. Take the StarBoard2 in your right hand with the components in toward your hand and the banks of RAM pointing downward (this orientation is upside down from StarBoard2's orientation in its A1000 case).

4. Bring the Adaptor and StarBoard2's main connector to each other and carefully mate them together. Once they are correctly lined up, firmly press them together placing the stress on StarBoard2's horizontal pass-through card edge and horizontal card edge of the SB2000 card. Seat the StarBoard2 on the SB2000 Adaptor until StarBoard2 is stopped by the plastic posts on the SB2000 Adaptor. Allow the wire and clip on the SB2000 to dangle down from the Adaptor. This important wire is the bus auto-config "daisy chain".

5. Take one of the internal mounting screws for StarBoard2 and screw StarBoard2 to the metal post on the SB2000 Adaptor (see diagram above).

6. Take the wire/clip and bring the clip around to "pin 18" on the chip in the corner of your StarBoard2 (this chip has a paper label on it which says "STARBOARD2 U19B" or "U19" followed by a serial number). Look at the above diagram. The arrow shows you the general location of Pin 18. Look closely at the U19B chip.

Count three pins "up" from the bottom (orientation as in the diagram above) on the row of pins on the inboard side of the chip. This is pin number 18. Note that the "pins" we are talking about are the silvery metal "shoulders" of the chip "legs".

7. Open the clip (by pressing on its fat end with your thumb much as you would squeeze a hypodermic needle) and insert its exposed metal hook end under the shoulder of pin 18. Release the plunger of the clip and it should now firmly grab the pin. Note that the best "angle of attack" for clipping this wire onto the pin is from above the pin location and down into it (more or less as the arrow in the above diagram indicates).

8. Place the long plastic sheath over the gold card edge on the StarBoard2 itself. This provides electrical insulation for the un-used bus-pass through.

9. Take the completed Adaptor/StarBoard2 assembly and insert it in the first 100 pin slot of your Amiga 2000. This is the full sized slot out from the 86 pin slot near the disk drive bays. The overhang of the StarBoard2 will occupy the empty space between the 100 pin slot and the 86 pin slot. Note that the tall end of the SB2000 Adaptor will slide into your Amiga's built in card guide. When pressing the assembly into the Amiga socket, place most of the pressure on the length of StarBoard2's main (black plastic) connector where it rests upon the Adaptor Card's vertical edge - in other words, directly over and in line with the Amiga socket itself. You can also press down on the tall top edge of the SB2000 Adaptor. Don't press down on the StarBoard2 card itself. The whole assembly should be firmly seated in the Amiga's socket. Note that you can put the assembly in the other sockets, but this will then block an otherwise usable socket. Close up your A2000. Note that all your StarBoard2 functions are available including MultiFunction Module or SCSI Module if installed on Star-Board2.

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