

Service Information for the D741, SW V2.0 up-date.

Introduction

The SW V2.0 gives a higher reliability in operating and includes some additional features (see technical documentation 10.27.4031/10.27.4041). It is highly recommended to update all units delivered before 27. Sept. 96 or with Serial Number lower the 1306.

We have prepared two sets of Up-date kits.

A) For D741 up to SN 1235 or deliver before July 96 and had no Drive change.

B) For D741 with SN between 1236 until 1306, or with a exchanged drive with the STUDER number 1.641.061.21.

SET A) 20.100.641.01 "D741 SW 2.0 with drive"

SW V2.0 change for D741 with SN < 1236 or before July 96 with Drive 1.641.061.20

Information: some drives may already been changed to 1.641.061.21. In this case use the SET B (20.100.641.02 SW kit without drive exchange).

The SET A) contains:

1 pce.	1.641.061.22	D741 Drive "Loader incl. Support" to exchange the drive 1.641.061.20!
1 pce.	1.641.905.21	D741 SW V2.0 for ADDA Board
1 pce.		Label "1.641.063.21" for the up-dated ADDA board
1 pce.	10.27.4031	Instruction SW V2.0 German
1 pce.	10.27.4041	Instruction SW V2.0 English

SET B) 20.100.641.02 "D741 SW 2.0 without drive"

SW V2.0 change for D741 with SN ≥ 1236 or after July 96

These units are equipped with Drive 1.641.061.21 already

The SET A) contains:

1 pce.	1.641.900.21	SW V1.25 for the Drive "Loader incl. Support" for Up-dating the Drive ...21 to 1.641.061.22
1 pce.		Label "1.641.061.22" for up-dated Drive
1 pce.	1.641.905.21	D741 SW V2.0 for ADDA Board
1 pce.		Label "1.641.063.21" for the up-dated ADDA board
1 pce.	10.27.4031	Instruction SW V2.0 German
1 pce.	10.27.4041	Instruction SW V2.0 English

Instruction for the SW up-date

Caution: Drives and ADDA boards are electrostatic sensitive boards. Read the Warning in the Operating Instruction manual page VII.

Required Tools:

- 2.5 mm Studer screw driver (2.5 mm Allen key)
- IC Extractor
- EDS equipment (conductive grounded mat etc.)

How to do the update:

Separate the unit from main and install the ESD protection

Remove cover (remove 3 screws on the rear, 2 on the left, 2 on the right side, loosen the 3 screws on the top slightly).

with SET A only (with Drive)

- Pull out the power switch extender.
- Disconnect the drive and demount it (4 screws only). Do not leave the cables on the drive! Remove the front cover by sliding it up.
- Mount the new drive with the cable and the front cover. Adjust the height on the drive if necessary by bending the front leg on the drive slightly.
- Pack the old drive without cable and front cover into the original bag and box. Then send it rapidly back to STUDER Regensdorf.

with SET B only (without Drive change)

On the Drive:

- Exchange the IC 7830 (containing V1.24 SW) on the Drive board (in the centre of the board) with the IC containing V1.25 SW (insert it correctly).
- Change the label on the board from 1.641.061.20 to 1.641.061.**22**.

continuation for both SETS

On the ADDA board:

- Exchange the IC 7830 (containing V1.0 SW) on the ADDA board (in the centre of the board) with the IC containing V2.0 SW.
- Change the label on the board from 1.641.063.20 to 1.641.063.**21**.

TEST:

- Check that the 2 labels (1.641.061.22 / 1.641.063.21) are correct.
- Mount the cover, and again check the drawer height.
- Check the D741 of its functionality.

end.