

Service Note		
Product	Description:	Service note no.
TC2290	Installation Of FATR/STSA In TC2290:	706 10 T074

This description replaces service note called "Installation of FATR in TC2290 - Step by step".

This description assumes a standard version of the TC 2290 factory prepared for FATR (2290 serial no. higher than/equal to 511464). If any doubt, please check with your dealer.

To save you trouble, read all this before starting the installation. Then read one more time while installing step by step.

Place 2290 with front towards you and placed normally with top and bottom removed.

1. Dismount converter board. Horizontal board, left side with 4 plastic stags.
2. Change EPROM (IC2) to version 29.xx or 30.xx (i.e. EPROM supplied with the FATR-board). Change CPU (IC1) to a 68B03.
Always use 68B03 version when EPROM version-no. is 29.xx or higher.
3. Move JUMPER L1 to pins 2-3 (see instruction guide).
4. Mount memory expansion ME04 (IC 38-45) (see instruction guide).
5. Dismount IC19 from socket, take out 8-pin socket with capacitor at J6 and replace with 20 pole cable with 14 and 8 pin connector.
6. Install hexagonal metal-stags on main board with nut thread upwards. (fiber washer and spring disk under main-board, fiber washer between main and stag. No metal screw, spring washer etc. must touch the main board directly)
7. Dismount metal-plate on back of 2290 called INTERFACE OPTION.
8. Install 40 pole multi-cored flat cable from FATR-board in connector J7 on main board.
9. Install MEXX board. (see ME guide).
10. Install FATR board. First lower obliquely down against back plate. Tighten onto back plate and stags. (spring disk between nut and FATR-board).
11. Install 20 pole connector on J9 on FATR-board.
12. Cut-off 22uF electrolyte on solder-side of SA02-board. Cut-off 22uF electrolyte placed in parallel with R619 on main-board.
13. Install small SA02 converter board on connector J8 on main-board. (see instruction guide for SA02). fingers, flat nose pliers. Attention: BE CAREFUL, do not touch or turn any adjustable trimmer. They are adjusted for the best performance of your TC2290.
14. Install converter-board. Take extreme care that the converter is properly connected to J5.
15. Reset your TC2290 as described in Owners Manual, and set your memory size, max. delay time and max. sample time as described in instruction guide for SA02.

Tools needed: Philips pozidriver "1" screwdriver, forceps or small fingers, flat nose pliers. Attention: BE CAREFUL, do not touch or turn any adjustable trimmer. They are adjusted for the best performance of your