
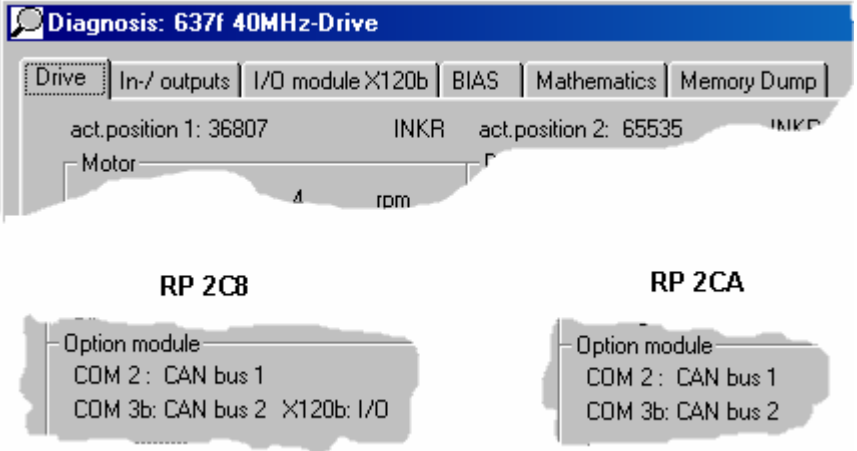
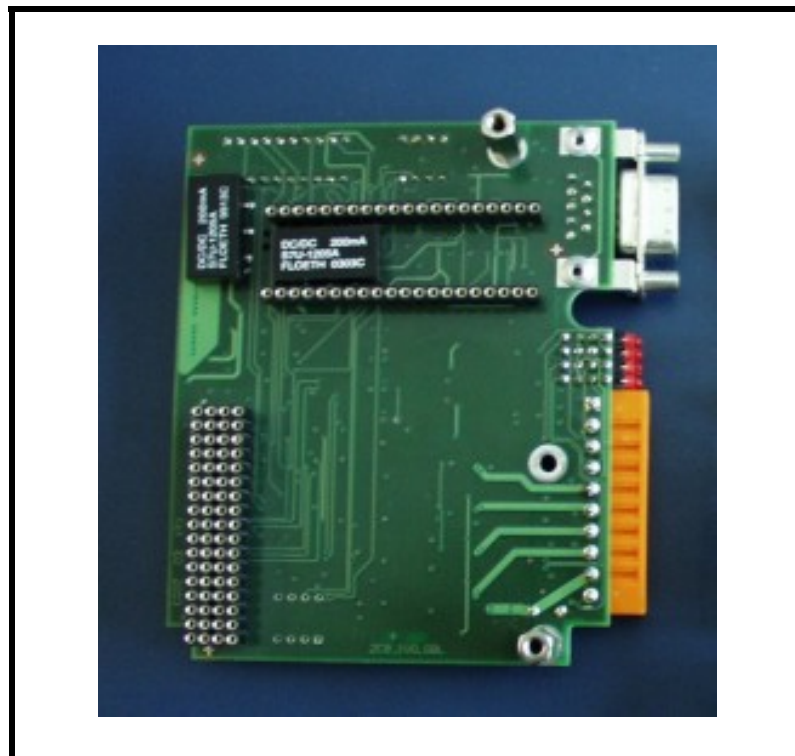


Step	reference to parts list	Processing step
16		Connect the servo drive COM1 with the PC
17		<p>637f Start EASYRIDER for windows 6.10 with F9 or  "Regulator diagnosis", check if RP 2CA / RP2C8 -Modul was recognized.</p> 
18		Remove connection COM1 with PC
19		Connect the servo drive COM2 with PC/PLC (CAN)
20		Check the communication via COM2

Parts list

Position	Piece	Designation
1	6 + 2	Toothed lock washer d = 3 mm
2	1	Option board RP 2CA or RP 2C8
3	1	Heat transfer compound
4	1	frontplate
5	2	Countersunk screw M3 x 6
6	2	Fillister head cap screw M2,5 x 12
7	6 + 2	Fillister head cap screw M3 x 6
8	2	Toothed lock washer d = 2,5 mm

Installation instruction for option board RP 2CA and RP 2C8 on servo drive 637f



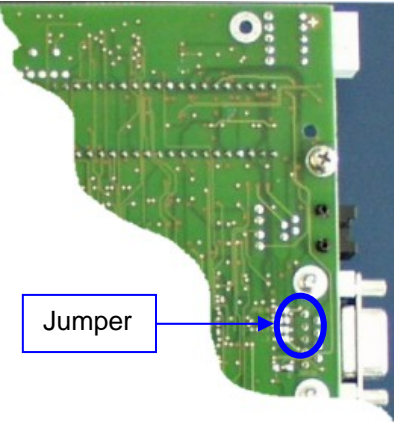
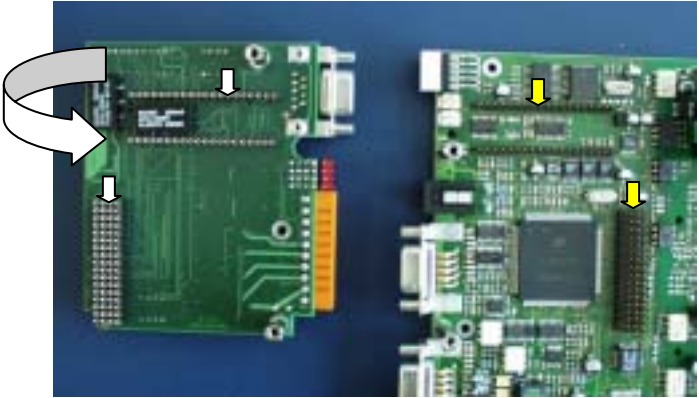
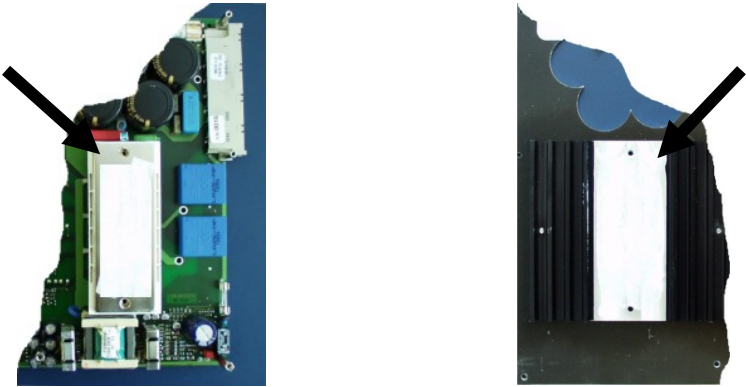
Safety precaution

CAUTION - risk of electrical shock, wait 3 minutes after switching off, for discharging the capacitors.

Protect the unit from falling parts (pieces of wire, fley, metal parts, etc.) during installation or other work. Metal parts can lead to a short in the servo drive.

Installation in steps

Step	reference to parts list	Processing step
1		Switch off voltage !
2		Check firmware revision level ! 637f Possible for mounting from Firmware V8.19a
3		Solve both holding screws and take servo drive from the rack
4		Check modification revision level ! 637f Possible for mounting from MED1.1
5		Solve screws on heat sink side 1) Solve screws on board side 2) (only with 2 - 10A device)
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>L = screw locking varnish</p> </div> <div style="text-align: center;"> </div> </div> <p style="text-align: right;">picture1</p>		
6		Solve screws of the front plate and remove front plate
7		Remove the heat sink
8		Remove heat transfer compounde at the IGBT and the heat sink

Step	reference to parts list	Processing step
9		<p>637f Jumper JP 2.2, JP 2.3, JP 2.7, JP 2.8 open</p> 
10	Pos. 2	<p>Stick up the option board RP 2CA / RP 2CA8 on X503. Mounting position is defaulted by the male pins X510. (Pins must jut out through the board)</p> <p>⇩ = female pins ⇩ = male pins</p> 
11	Pos. 3	<p>Put on heat transfer compound at the IGBT and the heat sink thinly</p> 
12	Pos. 1, 4 - 8	<p>Mount heat sink (ensure, that there is no mech. pressure). Varnish the screws in accordance with picture 1</p>
13		<p>Mount front plate</p>
14		<p>Plug servo drive into the rack again</p>
15		<p>Fix both holding screws</p>