

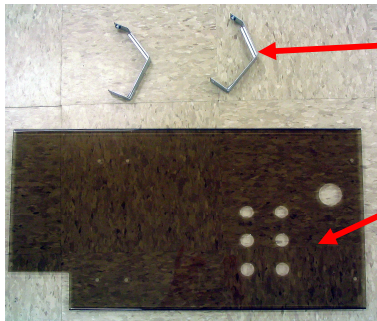
## INSTRUCTIONS INSTALLATION OF MAINS SHIELD FOR VLT DRIVES

This instruction sheet is for the installation of a mains shield for the VLT series drives frames D1, D2 and E1. This kit can be installed in IP21/NEMA 1 or IP54/NEMA 12 enclosures on D1, D2 frames manufactured after week 29 of 2005 and all E1 frames. It is not possible to install in the IP00/Chassis versions as these have included as standard a metal cover. These shields satisfy VBG-4 requirements.

### Ordering numbers

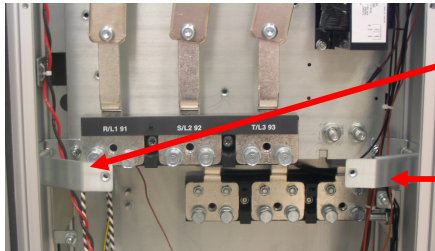
Frames D1 and D2: 176F0799

Frame E1: 176F1851



Lexan® cover with access holes for test probes and two mounting brackets (E1 mains shield consists of two pieces )

Mains Shield kit parts



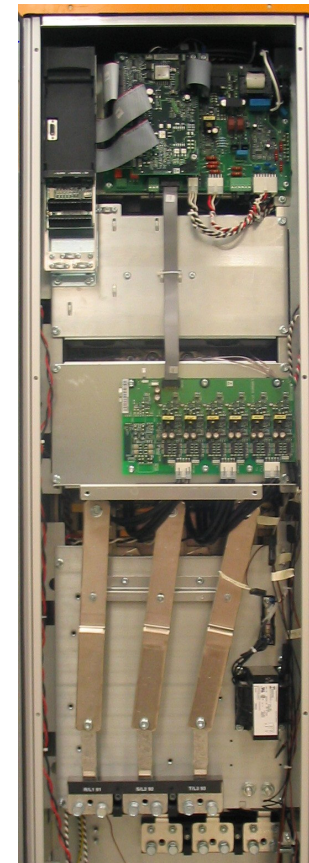
Install mounting brackets on the input plate using existing studs and nuts

### Required Tools

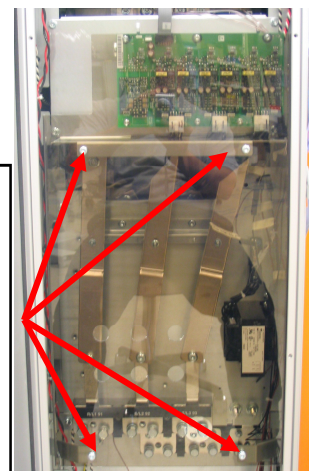
- Socket wrench with 07mm to 17mm sockets
- T30 Torx Driver

### Torque Requirements

M6—35 in-lbs (4.0 N-M)  
M8—85 in-lbs (9.8 N-M)  
M10—170 in-lbs(19.6 N-M)



IP21 Frame D2 VLT



IP21 Frame D2 VLT with mains shield installed

Install mains shield using 4 M6 torx screws