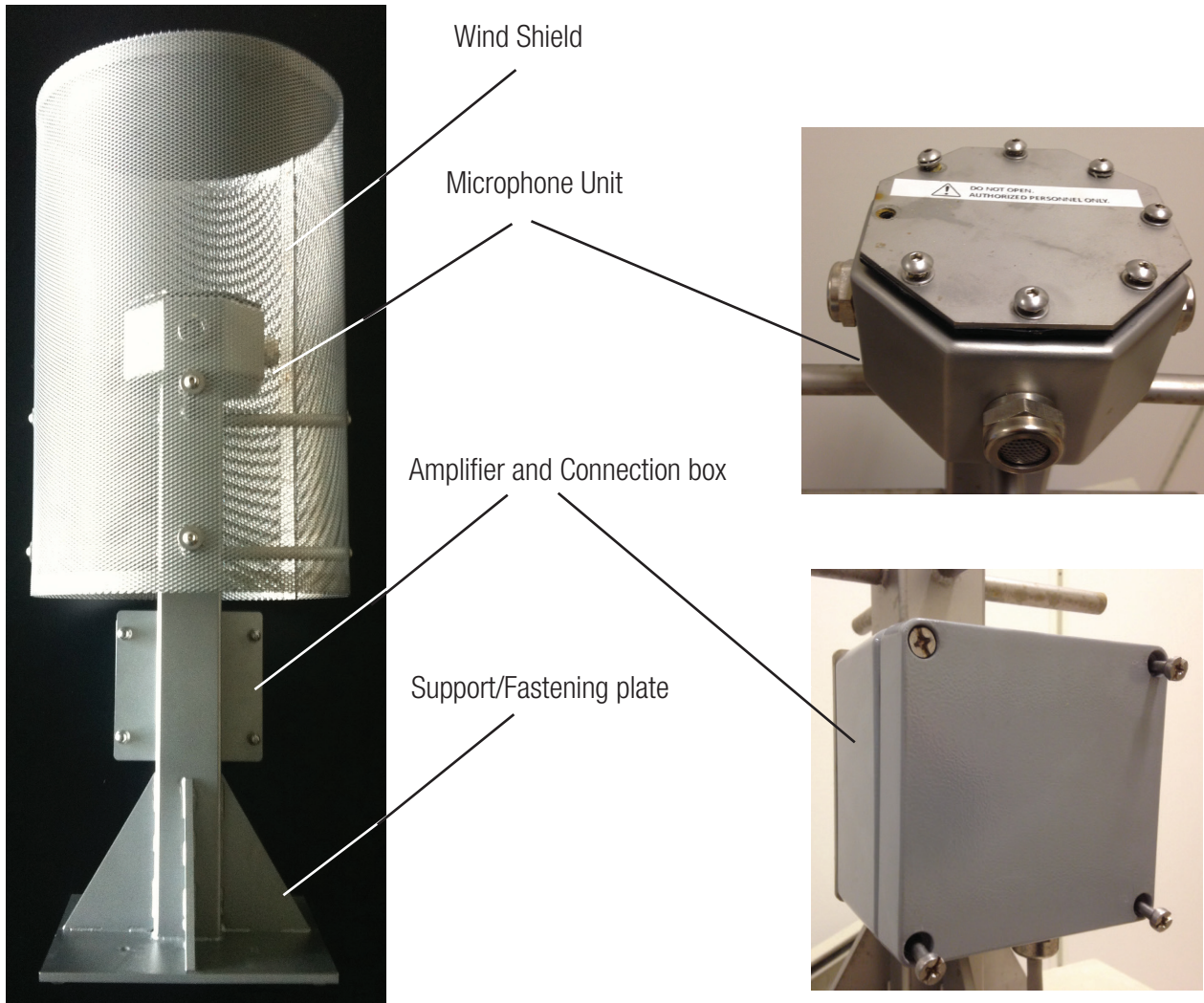


VINGTOR STENTOFON

VSS-V2 Sound Reception System

Assembly manual for replacement of microphones



Complete Microphone Unit VSS-M

Item.no.1002100102

Microphone Sparpart kit Item.no. 1021002001 consist of:

| Item name | Qty | Item Description |
|-------------|-----|--|
| VSS Mic | 2 | Microphone set with cable, mic. mesh and epoxy |
| VSS Mic PCB | 1 | Microphone PCB |
| Loctite | 1 | Loctite 577 50ml |
| Manual | 1 | Assembly guide for replacement of microphones |

Tool requirements



2x Wrench with 24.mm opening

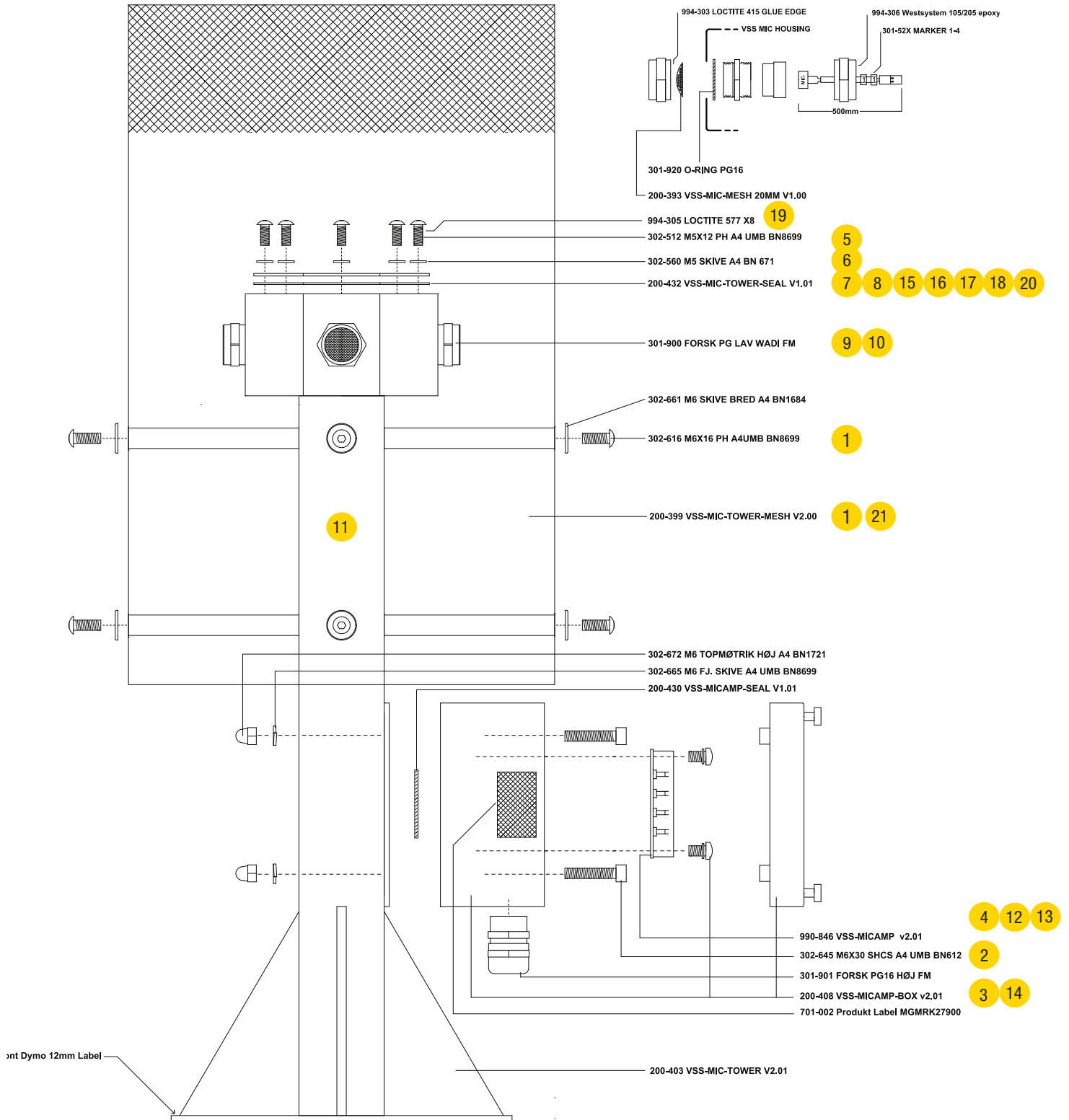


Screwdriver, star for M6x30



Unbraco 3 and 4 mm

VSS MIC Mounting

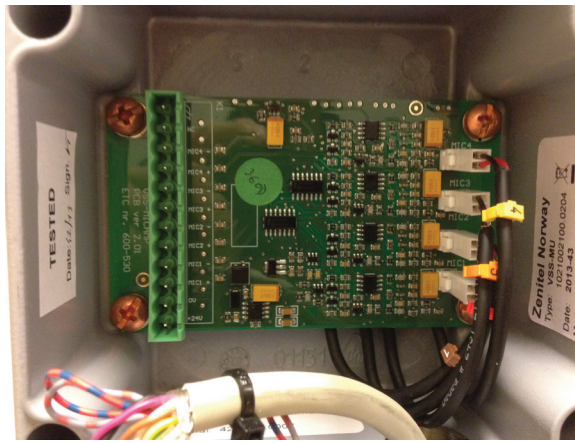
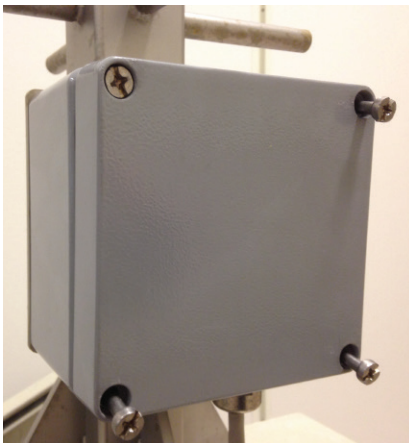
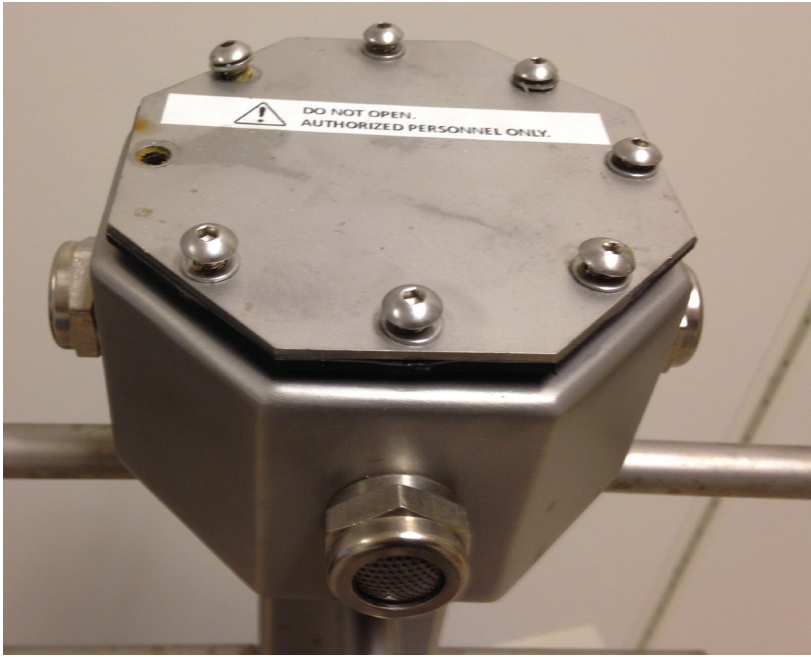


IMPORTANT NOTE!

Microphone change as described herein shall only be performed in dry weather conditions or indoors.

| Item | Component | Qty | Item Description | Comments |
|------|-----------|-----|---|--|
| 1 | 200-399 | 1 | Remove 8 screws and washers around the circumference and lift the Mic tower mesh gently up and off the Microphone unit | |
| 2 | 200-408 | 1 | Unscrew 4 bolts in front of Mic amp box and remove the lid. | |
| 3 | 200-408 | 4 | Remove 4 copper screws holding PCB and metal back plate | |
| 4 | 990-846 | 1 | Unplug and remove mic amp PCB from the box | |
| 5 | 302-512 | 8 | Remove the 8 screws on the top of the microphone unit. | |
| 6 | 302-560 | 8 | Remove washers | |
| 7 | 200-403 | 1 | Take off the top lid from the microphone unit. | |
| 8 | 200-432 | 1 | Remove sealing (gasket) | |
| 9 | | 4 | Dismount all four microphones and wires from unit by holding the microphone in place with a wrench inside the microphone unit and unscrewing the nut in the front of the microphone with another wrench. Pull the microphone cables gently out from the microphone unit column. | |
| 10 | 301-900 | 4 | Mount new microphone spare parts in housing. Start with microphone 1 in front direction (left in assembly drawing) Mount microphone 2-4 clockwise hereafter. Thread the O-ring over the front part of the microphone and insert it from inside the microphone unit and attach and fasten the nut from outside the microphone unit. Fasten using two wrenches. " | O-RING (301-920) shall be placed inside the housing |
| 11 | 301-900 | 4 | Insert microphone wires into tower column and enter the end through the opening in the Mic amp box. | Make sure to put back excess wires into tower and push them downwards to make a loop located lower than hole to mic amp. |
| 12 | 990-846 | 1 | Place mic amp PCB with back plate back in the box, insert and fasten 4 screws and connect microphone wires. | |
| 13 | 200-408 | 4 | Mount PCB and connect master panel. | |
| 14 | 200-408 | 1 | Place lid to mic amp box and fasten the 4 screws | |
| 15 | 200-432 | 1 | Place mictower seal on top of mic unit. | It will be preferred to clean screw holes and screws for locitte pieces before reassembly |
| 16 | 200-403 | 1 | Place top lid onto mictower sealing and make sure that they are aligned. | |
| 17 | 302-560 | 8 | Place washers onto top lid | |
| 18 | 302-512 | 8 | Place screws into holes on top lid. | Do not fasten before sealing next step |
| 19 | 994-305 | 8 | Apply thread sealing to the threaded faces of all the 8 screws. | |
| 20 | 302-512 | 8 | Mount and fasten top lid | Fasten bolts with a torque force of 3Nm. |
| 21 | 200-399 | 1 | Replace the Mic tower mesh and attach and fasten 8 screws and washers. | |

Photos



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