

# 4600

## Transmitter



Transmitter front cover  
replacement

**Measurement made easy**

### Introduction

This publication details procedures for the replacement of the 4600 transmitter front cover assembly.

#### **WARNING**

These procedures must be carried out by suitably trained personnel and in accordance with the information given.

## 1 Electrical Safety

### WARNING

- Isolate the transmitter from all high voltage supplies before performing this replacement procedure.
- Ensure all electrical connections are kept dry at all times.
- Transmitter boards and modules are vulnerable to electrostatic damage. Wear an anti-static strap at all times during these replacement procedures.

## 2 Replacement procedure

Referring to Figure 1:

- 1 Remove lower cover (A) by sliding it down, pulling it out slightly and sliding it off. Retain cover.
- 2 Using a small flat-bladed screwdriver, remove 4 front panel screws (B) and remove protection panel (C). Retain panel and screws.

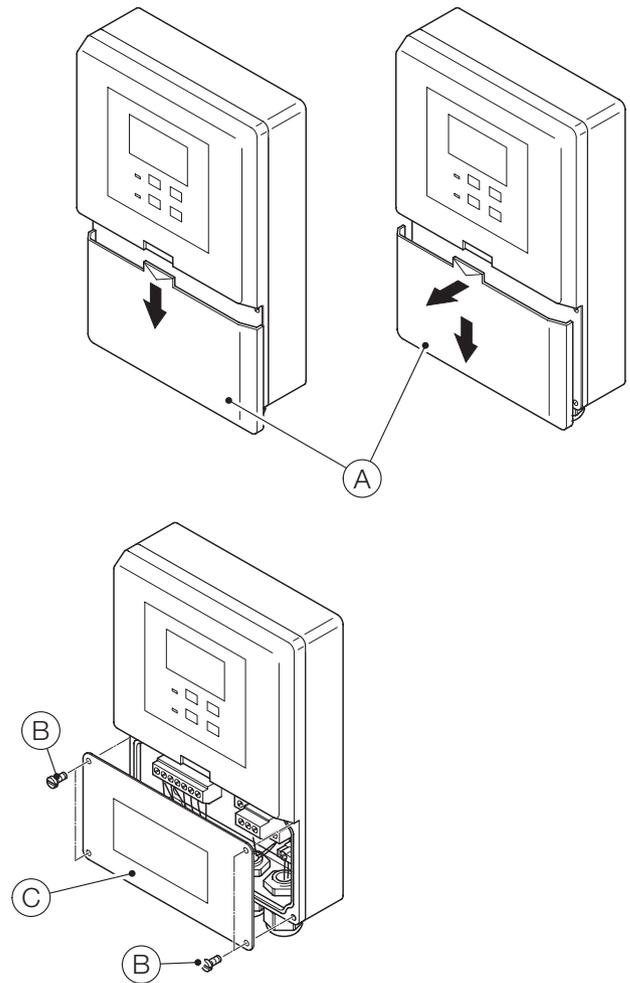
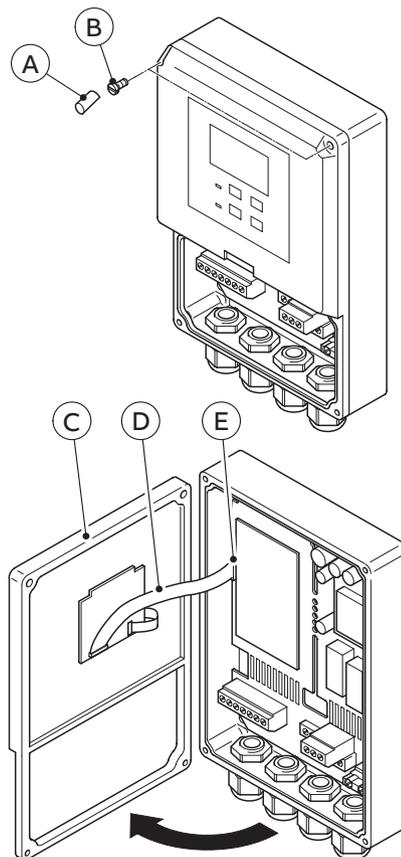


Figure 1 Removing lower cover

Referring to Figure 2:

- 1 Remove 2 caps (A) and using a small flat-bladed screwdriver, remove 2 retaining screws (B). Retain caps and screws.
- 2 Carefully open front cover assembly (C) taking care not to strain flexi-cable (D).
- 3 Pull flexi-cable connector (E) away from its connector block on the motherboard and remove front cover assembly (C).
- 4 Carefully remove membrane switch flat flexi (F) from the flexi connector on the display board.
- 5 Using a small pozidriv screwdriver, remove 4 retaining screws (G). Retain the screws.
- 6 Carefully remove display board (H) from the transmitter front cover. Retain the display board for reuse and put the transmitter front cover aside to return to the factory.
- 7 Position display board (H) in the new transmitter front cover and secure in place with 4 screws (G).
- 8 Carefully push membrane switch flat flexi (F) into the flexi connector on the display board.
- 9 Carefully reconnect flexi-cable (D) to the motherboard by pressing flexi-cable connector (E) into place (SK2)
- 10 Refit front cover assembly (C) and using a small flat-bladed screwdriver, secure with 2 front cover assembly screws (B). Refit caps (A).



Referring to Figure 1:

- 1 Refit protection panel (C) and using a small flat-bladed screwdriver, secure with 4 front panel screws (B).
- 2 Refit lower cover (A).

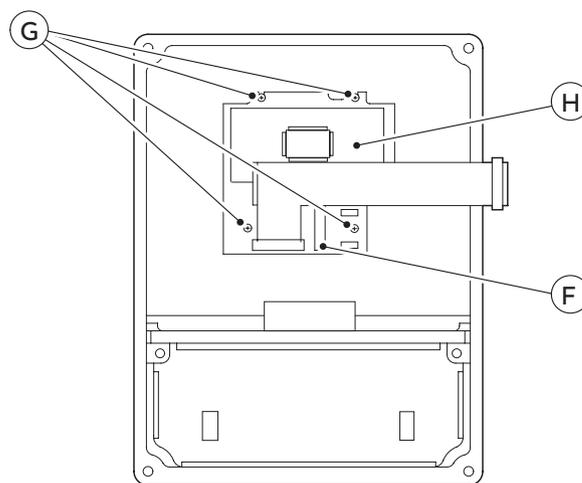


Figure 2 Removing transmitter front cover

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