Follow these instructions to replace the Fulfill® lid assembly for a DB/VB 25 and 50 series melter.

**Warning:** Risk of personal injury or equipment damage! Refer to the safety information provided in the melter manual before servicing the melter. Failure to comply with the safety information provided can result in personal injury, including death.

**Required Tools:** Enter each tool required

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Replacing a lid assembly for a DB/VB 25 and 50 series melter is a 4-step procedure.

**Step 1: Removing and Setting Aside the Control Box and other Components**

1. Purge the tank, then de-energize the system as directed in the *Maintenance* section of the melter manual. Make sure to remove all dirt and debris from the melter.

2. Remove and set aside the Control Box assembly and screws.
   * From the Control Box Bracket (1), loosen and remove the M5 screws (4). You can discard the clip and cable-ties.
   * Loosen and disconnect the strain reliefs (3) from the Control Box (2).

**Note:** If you have the previous generation bin/tote, then you must also remove and set aside the following items:
   * Solenoid (5)
   * Pneumatic Control Unit (6)
   * Potentiometer (7)
   * Bracket (8)

If however, you plan to make use of the new bin/tote, then you do not have to remove the items listed above, as they will be discarded with the old lid in the next step. These items are now located on the new bin/tote.

3. When done, proceed to the next step in this procedure.
Step 2: Removing the Existing Fullfill® Lid Assembly

1. Remove the rear and right side panels from the melter, then loosen and remove the screw and nut from the folding brace as shown in Detail A.

2. Loosen and remove the hinge screws and nuts. (Detail B)
   Note: For 25L (shown) the hinges are located on the bottom of the cover. For 50L, the hinges are located at the top of the cover.

3. When done, proceed to the next step in this procedure.
Step 3: Installing the New Fulfill™ Lid Assembly

1. Remove the existing lid assembly at the hinges. Leave the folding brace attached to the melter. See detail A.
   * Thoroughly clean the top of the tank cover where the level probe plate will be installed.

2. Place the level probe plate item 2 on top of the tank cover.

3. Install the following:
   * clamp assemblies items 4 and 5 as shown. Tighten the set screws securely. See detail C.
   * probe holder item 3 using m5 nuts from ship with kit.
   * lid bracket item 6 to the hinges as shown with m6 screws and nuts from the ship with kit. See detail B.

Continue
Step 3: Installing the New Fulfill™ Lid Assembly (continued)

4. Set the lid assembly item 1 onto the melter. Install m6 screws and washers from the ship with kit through the slotted. See details B and E. Do not tighten yet.

5. Open the lid and thread the ground wire through the slot between the hinge and tank cover. See detail F.

6. Close the lid and make sure it is sitting squarely on the top of the tank. Tighten the screws securing the lid assembly 11. Open the lid and attach the folding brace to the underside of the lid with the m4 flathead screw and locknut. See detail D.

7. Do the following:
   * Thread the level sensor probe through the slot in the lid and into the holder item 3. Set the level probe to the See detail D.
   * Route the level probe cable as shown, leaving enough slack for the lid to open and close freely. Coil the extra See detail E.
   * Remove one screw from the underside of the tank flange and install the spade terminal from the ship with kit. See detail F.
   * Route the ground wire from the lid assembly as shown and connect to the spade terminal installed in the previous. See detail F.

8. When done, proceed to the last Step in this procedure.
Step 4: Re-Installing the Control Box and Other Components

1. Re-install the Control box on to the new Fulfil® Lid.

2. Do the following to continue:
   * If you have the previous generation bin/tote, then re-install the bracket that holds the Solenoid, Pneumatic Control Unit and Potentiometer. **Note:** For DB/VD 25 melters only, you will have to drill holes for the bracket.
   * If you are using the new generation bin/tote, then proceed to the next step.

3. Replace the melter covers, make sure all wires and hoses are connected.

4. Resume normal operation.