



# Membrane Controller Kit



Models: T7 AMR

This kit includes the necessary parts to replace a defective membrane controller.

Kit installation is required by TennantTrue® service or an authorized Tennant service provider.

**ATTENTION:** Before installing the new controller, call Tennant's Technical Assistance Center (TAC): North America 1-800-760-2219. Other regions, contact Tennant for AMR technical service support. It's required to track Brain's part number and revision of the new service part. Brain's part number is located on the actual part or packaging. Machine recalibration may be required, please consult TAC.

## INSTALLATION INSTRUCTIONS:

Installation Time: 1 Hour

Special Tools Required: None

### Kit Contents



Ref	Part No.	Description	Qty.
1	1240468	Controller, Membrane (Kit 9018596) (Before machine serial no. 1096298)	1
1	1248246	Controller, Membrane (Kit 9020754) (After machine serial no. 1096297)	1
2	1244879	Shunt [PCB, Jumper]	1
3	27964	Strap, Ground, Static	1
n/s	9018862	Instructions, Service Part, Contact T.A.C.	1

1. Park the machine on a level surface and remove key.

**FOR SAFETY: Before servicing machine, stop on level surface, turn off machine and remove key.**

2. Disconnect the battery cable from battery pack.

**FOR SAFETY: Before servicing machine, disconnect battery connection and charger cord from machine.**

3. When handling the new membrane controller, use the supplied static ground strap as instructed to protect the controller from damage (Figure 1).



Fig. 1

4. Carefully disassemble the control panel as shown to remove the defective membrane controller (Figure 2).  
To disconnect the ribbon cables from the controller, pull the retaining tabs outward as shown (Figure 2). Make sure to push the tabs back into the lock position after reinstalling the ribbon cables on new controller.

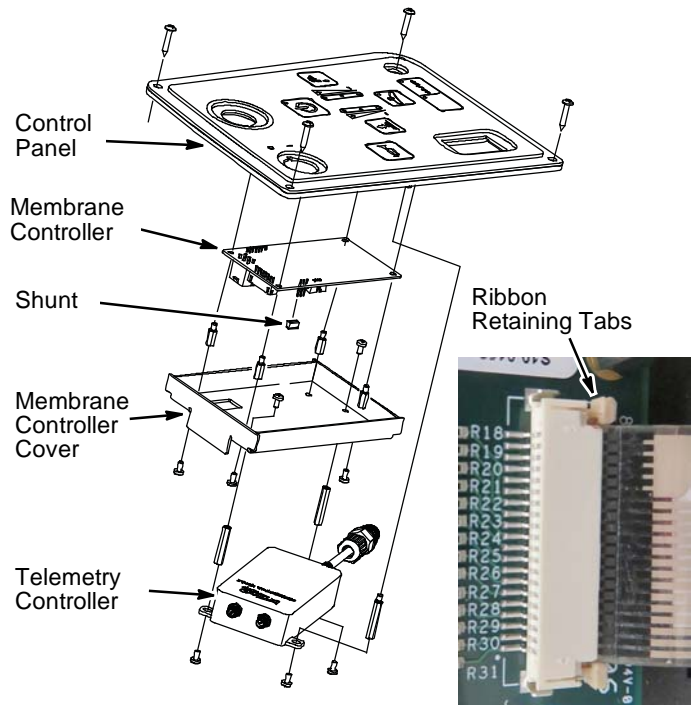
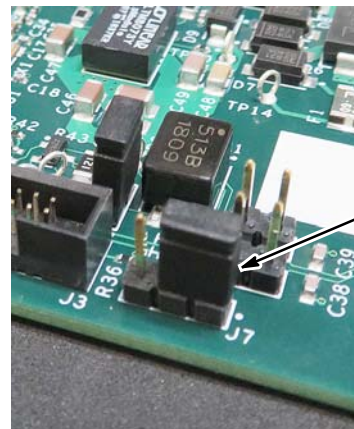


Fig. 2

5. Carefully install the new membrane controller.  
For machines equipped with ec-H2O option, install the shunt to the new membrane controller as shown (Figure 3). Note position of shunt on terminal J7.



Shunt  
(Only models  
equipped with  
ec-H2O option)

Fig. 3

6. Reassembly the control console with new controller.
7. Reconnect battery cable connector to battery pack.