



# INSTRUCTION BULLETIN

No. 9010963  
Machine: T12  
Published: 02-2013  
Rev. 00

**NOTE: DO NOT DISCARD the Parts List from the Instruction Bulletin. Place the Parts List in the appropriate place in the machine manual for future reference. Retaining the Parts List will make it easier to reorder individual parts and will save the cost of ordering an entire kit.**

*NOTE: Numbers in parenthesis ( ) are reference numbers for parts listed in Bill of Materials.*

Installation instructions for **kit number 9010933**

## SYNOPSIS:

This kit contains the parts needed to replace the ec- H2O module on T12 scrubbers.  
Please follow step-by-step instructions.

## SPECIAL TOOLS / CONSIDERATIONS: NONE

(Estimated time to complete: 1 hour)



### PROTECT THE ENVIRONMENT

Please dispose of packaging materials, old machine components, and hazardous fluids in an environmentally safe manner according to local waste disposal regulations.

Always remember to recycle.

## PREPARATION:

1. Completely drain the solution and recovery tanks.
2. Park the machine on a clean level surface, turn off the machine, and remove the key.

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

3. Disconnect the battery cable from the machine.



**WARNING: Always disconnect battery cables from machine before working on electrical components.**

## INSTALLATION:

*NOTE: Refer to Fig. 1 for locations of all parts removed / assembled in this Instruction Bulletin.*

1. Disconnect the main wire harness from the ec- H2O module.

2. Disconnect the ec- H2O module hoses from the machine.
3. Label the machine ec- H2O hoses with where they were connected on the ec- H2O module.
4. Remove the ec- H2O bracket from the machine. Set the three M8 hex screws aside.
5. Remove the ec- H2O module from the ec- H2O bracket. Set the four M6 hex screws aside.
6. Remove the connectors from the ec- H2O module hoses.
7. Measure the hoses of the previously removed ec- H2O module.
8. Cut the new ec- H2O module hoses to length, based on hose measurements taken in the previous step.
9. Install the clamps / fittings removed from the old ec- H2O module onto the new ec- H2O module.

10. Use saved hardware to install the new ec- H2O module (1) onto the ec- H2O bracket.
11. Use saved hardware to reinstall the ec- H2O bracket onto the machine.
12. Connect the main wire harness to the ec- H2O module (1).
13. Connect the ec- H2O module (1) hoses to the machine ec- H2O hoses.
14. Reconnect the battery cable to the machine.
15. Fill the solution tank. Refer to the Operator Manual for information how to fill the solution tank.
16. Start the machine and turn on the ec- H2O system.
17. Test the machine to ensure the ec- H2O system is functioning properly. Watch the LCD display for warnings or error codes. Refer to the Operator Manual for warnings / error code information.

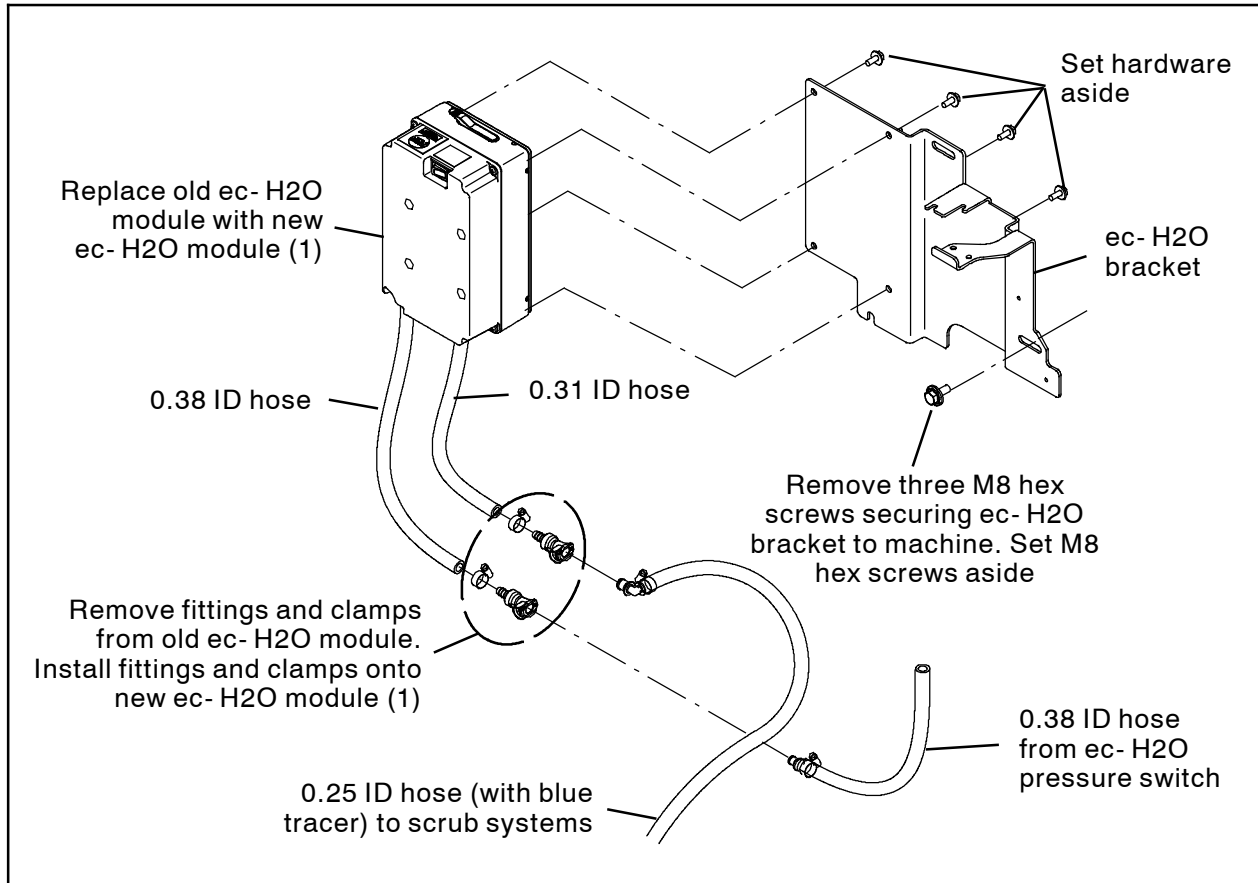


FIG. 1

**Bill Of Materials For ec- H2O Module, Afmkt [T12] - 9010933**

Ref.	Tennant Part No.	Description	Qty.
▽	9010933	ec- H2O Module, Afmkt [T12]	1
▲	1 1201729	Module, Water (ec- H2O, Mod E)	1

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