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Programing the SeeLevel voltage:

Greetings!

I know it's still cold outside but Spring is just around the corner along with the upswing of customers getting their units out for the season. This will be the beginning of the busy season for most of you.

I will show you how to calibrate the battery voltage on the Seelevel, identify the Dometic Macerator toilet components and the HDMI wall outlets.



If the voltage of the Seelevel panel does not match the battery voltage you can calibrate the Seelevel panel. Please note that there is a voltage drop from the batteries to the panel. This drop can be around .1 volts.

We've also recently completed our metal training for the Travel Trailers and I would like to thank the dealers for sending your techs to our class. I know it's hard to be short handed for the week while they are here in

As always, if I can be of any assistance to you please feel free to contact me at 937-596-6111 ext. 7408 or by email at dsnider@airstream.com

Dan Snider



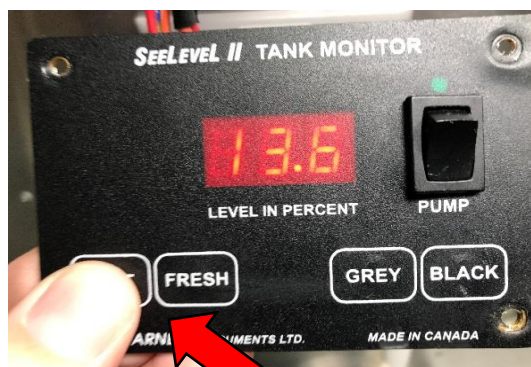


If the panel needs calibrated you will need to remove the panel by taking out the four screws in each corner with a Phillips screw driver.

Once you have the panel removed disconnect the white wire connector on the back of the panel.



While holding in on the battery button reconnect the white wire connector. This will recalibrate the 12 volt battery reading.





After you have recalibrated the panel
reinstall the panel in the wall with the same
screws.

Dometic 8700 Series MasterFush Toilet:

We are using the Dometic macerator toilet in the 33 Classic and the 30 Bunk Flying Cloud trailers.



Toilet



Controls

tank sensor



relay



vacuum breaker

Adding water to the bowl:

Press the "add water" switch (1) until desired water level is achieved.
Water flow will shut off automatically if switch is pressed too long to
avoid overflow.

Flushing toilet:

Pressing the flush button (2) will flush the toilet but add no water. (dry
flush) Press the "flush" switch (3) then release it. This activates the
macerator and siphons water and waste from the bowl, macerates
and then pumps the waste to the holding tank.

Power on indicator:

The steady green "power on" light indicates when electrical power to
the toilet is activated. A momentary flashing green light indicates when
flush mode is changing.



Full tank indicator:

The "Full Tank" light will turn red when the holding tank is full. This function only works if connected to the optional
Dometic tank monitoring system. When the red light is illuminated, electric power to the toilet automatically shuts

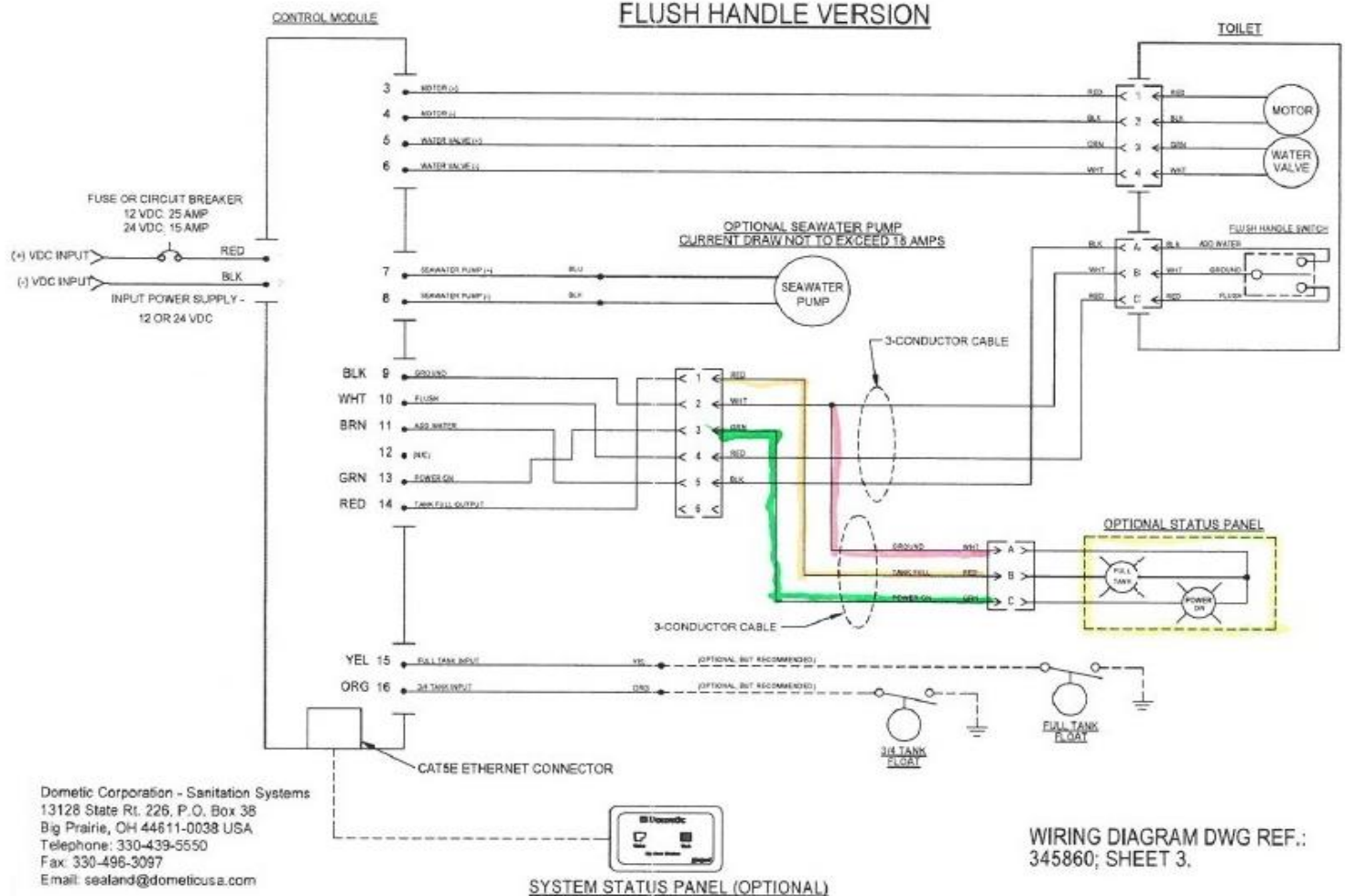
off to prevent overfilling the holding tank.

The following is the wiring diagram for the Dometic macerator toilet. We do not use all of the options.

PARTS LIST: 8700 TALL SERIES w/ FLUSH HANDLE VERSION

WIRING DIAGRAM FLUSH HANDLE VERSION

P/N: 600347065
REV.: 02-06/14



Location of the Dometic tank sensor:

The tank sensor is mounted in the top of the main holding tank. The sensor is inserted into an adapter (601676) and plug (602357) and then screwed into the tank. The sensor is accessible from above the floor line.





Troubleshooting

Problem	Possible Cause	Service Instruction
1. Flush cycle operates correctly but water in the bowl empties slowly or not at all.	a. Discharge piping is pinched or kinked. b. Discharge piping is too high. (Remember, all upward vertical loops should not exceed a total of 9.8 feet / 3 m in height.) c. The macerator pump or discharge piping is blocked.	a. Check discharge piping. b. Reroute discharge piping. c. Close seacocks and clear blockage.
2. Macerator pump makes unusually loud noise or continually trips breaker.	a. Foreign material in pump chamber.	a. Close seacocks and clear foreign material.
3. Flush cycle is not activated after pushing on flush switch or handle.	a. Holding tank is full and signal from tank has shut down electrical power to toilet. b. Electrical power to toilet is shut off or disrupted. c. Flush switch is malfunctioning. d. Circuit board in control module is malfunctioning.	a. Empty holding tank. b. Check wiring and circuit breakers (or fuses). c. Replace flush switch. d. Replace control module.
4. Insufficient or no water enters the bowl.	a. Water supply line is pinched or kinked. b. Screen in water valve is blocked. c. Intake water filters are blocked (in raw water system). d. Water valve is malfunctioning.	a. Check water supply line. b. Clear blockage at water valve. c. Clear water filters. d. Replace water valve.
5. Insufficient water flow during bidet operation.	a. Clogged inlet screen at hot or cold connection at toilet/bidet mixer valve. b. Clogged aerator in bidet nozzle inside toilet bowl. c. Toilet/bidet mixer valve assembly is not functioning properly.	a. Disconnect water lines from mixer valve and clean screens. b. Unthread aerator nozzle and clean. c. Replace mixer valve assembly.

Pass through outlets:

All 2018 units that have inverters now use the pass through feature of the inverter. This will eliminate the additional outlets by the TV's. this will also eliminate the extra 110 volts A/C wiring for the second set of outlets (less weight).



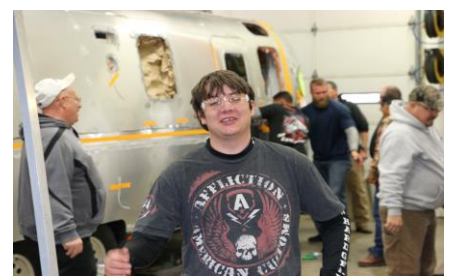


HDMI wall outlets:

In 2018 we added HDMI wall plugs to the bedroom TV's with Articulating TV brackets.

Factory Training:

I would like to thank all of the Dealers and techs that participated in our January Metal training classes. We had 16 techs from 10 dealers here for training. There was a lot of hands on training we changed two side sheets, six segments a rib and a lower window bow. It was a great time meeting all of you.



Upcoming training events

Our next technical training class is scheduled for October and we are starting to sign up dealers for this class. Please contact Jim Parrett 937-596-6111 ext. 7409 or myself at 937-596-7957 to be added to the class.

Suggestions

If you have any suggestions or articles you would like to see in our newsletters please don't hesitate to let me know and I will try to add it to future newsletters. Please add your comments below and email or you can call me anytime at 937-596-6111 ext. 7408 or 937-596-7957
My email address is dsnider@airstream.com.
