



## Service Bulletin SB1001

**Date:** 02/24/2025

**Trouble:** Water pump is not operating when the PUMP switch is ON, no green LED is ON or BLINKING on IRVWPC module.

**Possible Cause:** The IRVWPC control module contains a serviceable standard AUTOMOTIVE ATOF 10A fuse. This fuse protects the module and the power going to the RV water pump. Below freezing temperatures can cause ice/slush within the water pump putting the pump motor into an overload condition drawing excessive current. This current will either blow the pump fuse in the RVs power distribution center or the fuse within the module.

**Solution:** First inspect the fuse in the RVs distribution center, if this fuse is not blown, then inspect the fuse within the module itself. The module can be easily removed by unplugging the locking connector on the module wiring harness and removing the two mounting screws. Access to the fuse is by removing the 4 Phillips head screws on the module cover and lifting off the cover plate. The fuse is installed in a standard push in fuse holder socket. Remove the fuse and inspect for an open circuit. If the fuse is found to be open circuit, replace the fuse with the same 10A rating. Install the cover screws and verify pump operation.

Note: 12 volts DC could also be checked between the YELLOW and WHITE wire at the module to ensure the fuse in the RV power distribution block is good.



IRVWPC module with the cover removed showing the 10A fuse.