

Troubleshooting: TAXA Mantis

Plumbing

Description	Likely cause	Fix
	Gray water tank full	a. open gray water valve to drain
Sink backed up	Sink Trap clogged	Remove kitchen shelving unit to access plumbing (secured with three bolts). Squeeze or remove trap to loosen clog.
Sink leak	Loose connection	Inspect sink drain, p-trap, and drain hose, tighten where necessary
Shower leak – Exterior	Loose connection, sand / grit in quick disconnect	Flush out exterior quick disconnect with water to remove grit
Shower leak - Interior	Loose connection(s) or bad washer	Tighten connection between shower wand and hose; between hose and faucet; remove faucet and replace rubber washer.
Shower drain leak	Loose connection	remove access panel below shower, visually inspect and tighten connections.
Plumbing leaks behind kitchen cabinetry	Loose connection	Pressurize system, observe leak spot. Tighten hose clamps and or PEX fittings.
Plumbing leaks under trailer	Loose connection	Check plumbing connections in problem area and tighten if loose
Water heater leak	loose connection or over pressured water.	Check push pull connectors at heater (push and pull them to check if one is loose!) at heater. Remove and re-insert. Ensure city water is below 125PSI and is being regulated by pressure regulator at inlet.
Low water pressure	Drawing air in water supply line	Tighten line by checking connections back to water tank from sink; tighten or re-connect. Check connection also beneath trailer. Sometimes you can hear air entering line when water pump is turned on.
Fresh tank won't fill	Hose improperly inserted	Use fill line connector
	Vent blocked up or crimped	Blow out vent line (small hole just above fill area) If crimped, remove bend in line. (accessible by removing service panel beneath Vberth)
Water pump not working	Check fuse beneath water pump switch at kitchen.	
		Replace pump

Water heater not working	no hot water	Verify that furnace (heat) is working. Check LCD control panel to make sure setting is correct, not on a timer that timed out. Check top of furnace unit itself to verify that small switch is in ON position. Note that water heating speed depends on inlet temp.
	no power (no LEDs on unit)	Check fuse on switch plate at kitchen.
	if propane	Check GFCI breaker where heater plugs into outlet beneath cabinet. Reset. check TRUMA manual troubleshooting
	if propane	check propane supply and valves

Electrical

Description	Possible cause	Fix
120v circuit breaker pops	Wet extension cord	Dry cord, reset breaker.
Battery not charging (see LED volt monitor: – a well charged battery is between 12.6 and 12.8V - a charging battery is ~13.4V if trailer is plugged in to 120v - + ~.2V if solar or vehicle charging)	7-pin connection short	Check tow hitch connection and wiring. Verify that interior volt meter jumps up in voltage when car is turned on and 7 pin is in position. Check for loose or burnt wires in connector.
		Check trailer end connection
	Converter/charger	Test converter charger; replace converter element if necessary
		Check 30 amp fuses at WFCO
	Battery charge	Test battery
Circuit interruption	Overloaded circuit	Throw circuit breakers or replace fuses.
Lights flickering	Battery not charged	Check battery charge
Frig not functioning	Battery not charged	Check battery charge
	Blown fuse in frig plug	Check inline fuse in frig plug (green LED should be on in plug when functioning)

	Blown fuse in WFCO	Check fuse position #4
	check ON/ OFF LEDs	inside of frig, top left are on/off and temp settings
Ceiling lights not functioning	Blown fuse in WFCO	Check fuse # 2
Kitchen 12v outlet not functioning	Blown fuse in WFCO	Check fuse #3
Exterior 12v outlet not functioning	Blown fuse in WFCO	Check fuse #1
Kitchen counter lights not working	popped circuit	Check glass fuse beneath switch
Red step light not functioning	popped circuit	Check glass fuse beneath switch
Hot Water Heater not turning on	popped circuit	Check glass fuse beneath switch
Water pump not turning on	popped circuit	Check glass fuse beneath switch

Exterior leaks

Description	Possible cause	Fix
Roof leak	Roof latch loose	Adjust interior roof latches, tent side, ensure fabric and window toggles are preventing best seal
	damaged weatherseal	inspect, replace if required
Leak through tent side	Tent side not installed properly. Tent window open during rain.	Reinstall tent side (see SITE SELECTION AND SETUP)

Doors, windows, tent sides and graphics

Description	Possible cause	Fix
Side door gap	Missing/misaligned door gasket	Install door gasket
Key will not turn in cylinder	dirt or grit	Lubricant such as WD40

Window will not close	dirt or grit	Lift window to full open position. It should now go all the way down. Repeat if required
Window gap	adjust latches	interior latches have two locked positions, one closes to weather and dust, other leaves 1/8" gap
Broken window arm	Misuse	Install new part by pressing pin hole, removing broken arm, and replacing