

NEW TECMA CONTROLLER INSTALL	No LEDs lit on key pad	No voltage to controller at toilet- Voltage s/b 10 V DC minimum	check 30A circuit breaker or fuse (40A for RV Tecma). Check the voltage at the connection to the large red and black controller wires.
NEW TECMA CONTROLLER INSTALL	Keypad LEDs were lit but go out when flushing begins	Improper size of self-resetting circuit breaker	Should be 30A for Marine and 40A for RV
NEW TECMA CONTROLLER INSTALL	Keypad LEDs were lit but go out when flushing begins	Improper supply wiring size	8ga minimum supply to controller harness
NEW TECMA CONTROLLER INSTALL	Keypad BLUE leds keep flashing		Keypad Red/Black connector is connected to the Full Tank Sensor Red/Black connector on the controller.
NEW TECMA CONTROLLER INSTALL	Tank level RED led always on (tank is known to be empty)	Full Tank sensor disconnected	Visually check sensor connections. Sensor s/b 3/4" from top, as high on tank as possible.
TECMA	Lights flashing left to right-no water	Wall switch plugged into tank sensor	Correct wall switch plug
NEW TECMA CONTROLLER INSTALL	No LEDs lit on key pad	Thetford system is in sleep mode (8 hours since last use)	Press either key pad button-system will reactivate from sleep mode

NEW TECMA CONTROLLER INSTALL	Tank level RED led always on (tank is known to be empty)	The harness to tank sensor has short or open to the red and black wires	Can be tested for short with continuity tested between the red & black wires. Can be tested for open with continuity tester by connecting the red/black connector to the green/white connector on one end of harness and checking the continuity at the other end of the harness.
NEW TECMA CONTROLLER INSTALL	Tank level YELLOW led always on (tank is known to be empty)	MID tank sensor has a short to the green & white wires	Can be tested for short for continuity between the green and white wires.
NEW TECMA CONTROLLER INSTALL	Tank level YELLOW led always on (tank is known to be empty)	MID tank sensor has a short to the green & white wires	Something is physically resting against the tank sensor.
NEW TECMA CONTROLLER INSTALL	NEW TECMA CONTROLLER INSTALL	Keypad was programmed to disable "tank lock-out"	Press both keypad buttons simultaneously twice quickly to return to lock-out enabled mode.
NEW TECMA CONTROLLER INSTALL	Installing 2 Tecma toilets & wish to use only one set of tank sensors	Not possible	Each toilet requires its own set of tank sensors
NEW TECMA CONTROLLER INSTALL	Does not fill with water when either keypad button is pressed but maserator motor runs		Check connection to water supply inlet at controller and at solenoid or pump

NEW TECMA
CONTROLLER
INSTALL

Water Add button doesn't
work (marine version
only) but water does fill
during a flush cycle.

Keypad probably
defective

NEW TECMA
CONTROLLER
INSTALL

What is the 4 conductor
connector for?

the 4 conductor was
intended for future
accessories but has been
eliminated on current
production.
Cut off-put waterproof
butt splice

NEW TECMA
CONTROLLER
INSTALL

Where can customer
obtain the waterproof
Deutsch connectors for
the power connections
and the tank sensor
connections?

NEW TECMA
CONTROLLER
INSTALL

Fills with water but
empties bowl slowly

Low Voltage

Check for proper supply
wire size to controller.
Charge batteries or run
off inverter with
generator on. 24V toilet
in a 12V RV or boat

NEW TECMA
CONTROLLER
INSTALL

Tanks sensors don't work- On used boats or RV's a sludge
indicator always
green/red
buildup on the sides of the tank can
prevent the sensors from working
properly. Tanks must be plastic or
fiberglass(but not with metal fillers
in the resin and less than 1/2"
thick.

Clean tank with Thetford
Level Gauge Cleaner.

NEW TECMA
CONTROLLER
INSTALL

Can I use an EZ fit on a
pressurized fresh-water
system?

Yes, if you have the
correct model of EZ Fit.
You must have an EZ Fit
with a solenoid.



PREVIOUSLY INSTALLED TECMA	No LEDs lit on keypad	Thetford system is in sleep mode (8 hours since last use)	Pres either keypad button-system will reactivate from sleep mode check 30A circuit breaker or fuse (40A for RV Tecma). Check the voltage at the connection to the large red and black controller wires.
PREVIOUSLY INSTALLED TECMA	No LEDs lit on keypad	No voltage to controller at toilet- Voltage should be 10 V DC minimum.	
PREVIOUSLY INSTALLED TECMA	Keypad LEDs were lit but go out when flushing begins	Improper size of self-resetting circuit breaker	30A for Marine and 40A for RV Tecma
PREVIOUSLY INSTALLED TECMA	Keypad LEDs were lit but go out when flushing begins	Bad connection or corrosion to the large red and black controller wires at the controller or at the power source connection.	
PREVIOUSLY INSTALLED TECMA	Tank level RED led always on and flashers when flush button is pressed but toilet doesn't flush	Tank is full and locked out	Empty tank or press and hold flush button for 6-8 secs to override tank lockout (CAUTION-Only override lockout if you know that there is still some room in the tank to hold the waste. Flushing into a completely full tank can result in waste going where you don't want it.)
PREVIOUSLY INSTALLED TECMA	Tank level RED led is always on (and tank is known to be empty)	Full Tank sensor disconnected	Visually check sensor connections.

**PREVIOUSLY
INSTALLED TECMA**

Tank level RED led is
always on (and tank is
known to be empty)

The harness to tank sensor has
short or open to the red and black
wires

Can be tested for short
with continuity tested
between the red & black
wires. Can be tested for
open with continuity
tester by connecting the
red/black connector to
the green/white
connector on one end of
harness and checking
the continuity at the
other

**PREVIOUSLY
INSTALLED TECMA**

Tank level YELLOW led
always on (tank is known
to be empty)

MID tank sensor has a short to the
green & white wires

Can be tested for short
for continuity between
the green and white
wires.

**PREVIOUSLY
INSTALLED TECMA**

Tank level YELLOW led
always on (tank is known
to be empty)

Something is physically resting
against the tank sensor.

**PREVIOUSLY
INSTALLED TECMA**

Tank unlock led on (only
available on marine)

Keypad was programmed to disable
"tank lock-out"

Press both keypad
buttons simultaneously
twice quickly to return
to lock-out enabled
mode.

**PREVIOUSLY
INSTALLED TECMA**

Fills with water but
empties bowl slowly (no
motor sound)

Low voltage will not allow motor to
spin fast enough & will clog pump

Charging batteries of
generator on may
provide voltage sufficient
to unclog toilet but be
sure to shut off water
supply to toilet first.
Contact a RV or Marine
Service Center to unclog.

PREVIOUSLY INSTALLED TECMA	Fills with water but empties bowl slowly (no motor sound)	Mascerator pump is clogged	Paper towels or wipes will not mascerate and will clog pump. Contact RV service center to unclog.
PREVIOUSLY INSTALLED TECMA	Fills with water but does not empty the bowl (motor sound present)	Check valve is plugged	Plunging toilet while attempting to flush may unclog toilet. Be sure to shut off water supply to toilet first. If plunging does not fix the problem contact RV/Marine Service center.
PREVIOUSLY INSTALLED TECMA	Fills with water but empties bowl slowly	Low Voltage	Charge batteries or run off inverter with generator on.
PREVIOUSLY INSTALLED TECMA	Fills with water but empties bowl slowly	Check valve is partially plugged	Plunging toilet while attempting to flush may unclog toilet. Be sure to shut off water supply to toilet first. If plunging does not fix the problem contact RV/Marine Service center.
PREVIOUSLY INSTALLED TECMA	Does not fill with water when either keypad button is pressed but mascerator motor runs		Check connection to water supply inlet at controller and at solenoid or pump/check fresh water solenoid screen for debris

PREVIOUSLY
INSTALLED TECMA

Water Add button doesn't Keypad probably defective
work (marine version
only) but water does fill
during a flush cycle.

Replace Keypad

PREVIOUSLY
INSTALLED TECMA

Water Saver button does Keypad probably defective
not work (RV version
only) but normal flush
button works

Replace Keypad

PREVIOUSLY
INSTALLED TECMA

Normal flush button does Keypad probably defective
not work (RV version
only) but Water Saver
flush button works

Replace Keypad



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