

Repair instruction

Description: SC250/C260 Electric valve

Part number: 23709

Look for Service Centres, Point of Sale addresses and other information on: www.thetford-europe.com

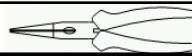
Version:

2

Date:

May 2011

Tools required:



A

Remove waste holding tank.



B

Remove bowl retainer bracket closest to the door and take the bowl inner off.



C

Remove retaining clip and electric valve.



D

Slide hose clamp over water tube and push new electric valve in. Note: arrow should point in direction of water flow



E

Push tube onto valve and assemble the hose clamp.



F

Route the tubing around bowl.

 Warning for C250! Lip needs to be on the inside.



G

Push the bowl inner back in position and bring tube back on its place.



H

Rotate the retainer back in position



Repair instruction

Description: SC250 Overlay

Part number: 50708

Look for Service Centres, Point of Sale addresses and other information on: www.thetford-europe.com

Version:	1
Date:	June 2010
Tools required:	Stanley knife

A

Using a sharp object such as a stanley knife carefully peel back the overlay taking care not to damage the main body of the toilet



B

Remove overlay and place new overlay



Repair instruction

Description: SC250 Control panel

Part number: 50709/50710/50711

Look for Service Centres, Point of Sale addresses and other information on: www.thetford-europe.com

Version:	1
Date:	June 2010
Tools required:	Stanley knife, flat head screwdriver

A

Locate the overlay on the top of the toilet



B

Using a sharp object such as a stanley knife carefully peel back the overlay taking care not to damage the main body of the toilet



C

Once the overlay has been removed use a flat head screw driver to unclip the panel that houses the control panel and turn it over



D

Simply unclip the control panel from its housing.

**Note



E

Take note of the positioning of the wire connecting as this is important when re-attaching



F

Remove control panel and replace with new



G

Clip the control panel back into its housing and clip the two parts back in the toilet



H

Replace the overlay



** In case the PCB is glued with hotmelt to the housing, steps D until G can be left out.

Repair instruction

Description: SC250 CWE Pump

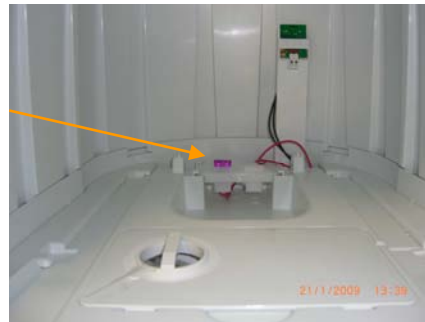
Part Number: 50712

Look for Service Centres, Point of Sale addresses and other information on: www.thetford.eu

Version:	V1
Date:	June 2010
Tools required:	Electrical crimps

A

Drain the flush water tank, remove the waste tank and remove the fuse



B

Locate the pump and remove from it's housing by moving the two arms away from each other



C

Once the pump has been removed disconnect the flush tube from the top of the pump and remove the tube from the base of the water tank



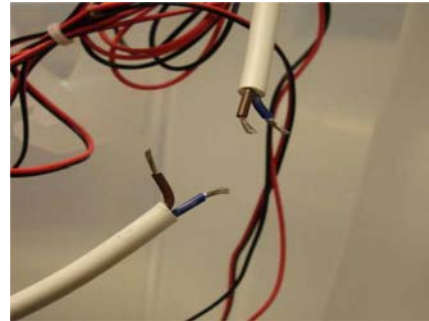
D

Cut the faulty cable leaving enough wire to allow for ease of reconnection.



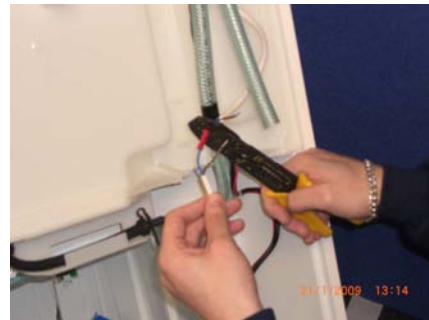
E

Strip back the wires to show the bare cable



F

Crimp the cable of the new pump to the existing wiring using the connections supplied



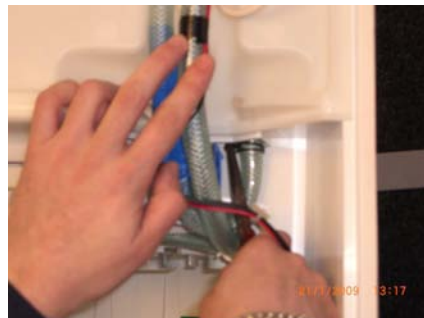
G

Reconnect the flush tube to the top of the pump



H

Reconnect the flush tube to the base of the water tank making sure the clip is in place and push the opposite end onto the pump



I

Replace the pump into its housing



J

Replace the fuse and holding tank, add a couple of litres of water to the flush tank and test.



Repair instruction

Description: SC250 Reed Switch

Part Number: 50713/50714/50715

Look for Service Centres, Point of Sale addresses and other information on: www.thetford.eu

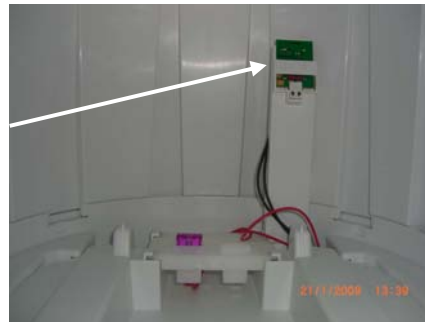
Version: V1

Date: June 2010

Tools required:

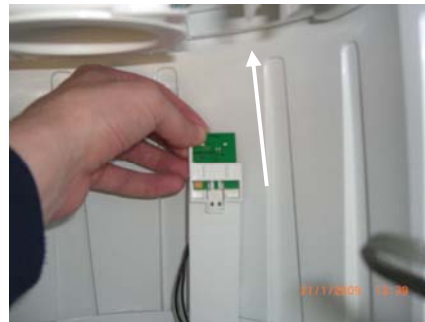
A

Remove the waste tank and locate the reed switch which can be found on a stem towards the front of the toilet



B

Simply remove the reed switch by pulling it up and away from its housing at the top of the stem



C

Replace the reed switch and ensure that it is correctly inserted into the wiring harness connection



Repair instruction

Description: C250 Reed switch housing

Part number: 50716

Look for Service Centres, Point of Sale addresses and other information on: www.thetford.eu

Version:	1
Date:	June 2010
Tools required:	Stanley knife, flat screwdriver

A

Remove waste-holding tank out
Cassette toilet.



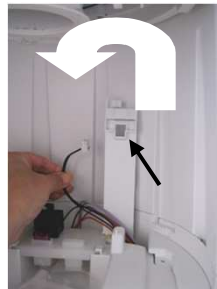
B

Locate the reed switch housing which can be found in the back where the waste-holding tank is taken out. By pressing the lip on the housing, the reed switch can be taken out.



C

Remove cable out of reed switch housing.
As the reed switch housing is held on its place by holt melt use stanley knife for the front and flat screwdriver for the bottom to take reed switch housing out.



D

Before replacing the new reed switch housing, use hot melt to keep the housing on its place and place cable back. Press reed switch back in.



Repair instruction

Description: C250CWE/C262CWE Drain

Part number: 50717

Look for Service Centres, Point of Sale addresses and other information on: www.thetford.eu

Version:	1
Date:	June 2010
Tools required:	Flat screwdriver



A

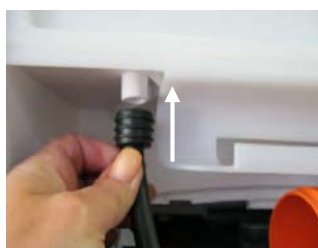
Turn drain to the outside.



B

Place flat screwdriver between drain and tank and push drain loose.

Take drain off and press new drain on.



Repair instruction

Description: SC250/400 Pour out spout

Part number: 5071992/3230606

Look for Service Centres, Point of Sale addresses and other information on: www.thetford-europe.com

Version: 1

Date: April 2010

Tools required: -

A

Turn pour out spout anti clockwise and take it out.



B

Place new pour out spout and turn clockwise back into position.



Repair instruction

Description: SC250/C260 Waste-holding tank plate

Part number: 50723-06

Look for Service Centres, Point of Sale addresses and other information on: www.thetford-europe.com

Version:	2
Date:	August 2011
Tools required:	Philips head screwdriver



In case you are operating on a C250 and changing your Holding Tank, The Holding tank Mechanism, or the plate only of the Holding tank mechanism, it is strongly recommended to also change the bowl retainer bracket to avoid Leakage !

A

Remove waste holding-tank out of toilet.



B

Using the sliding cover as a lever, rotate the complete mechanism anti clockwise until the arrow points to the second dot



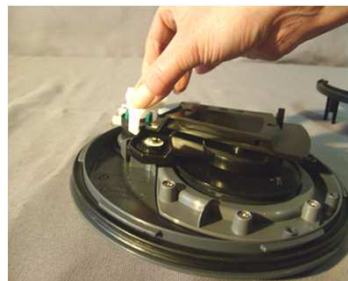
C

Remove 3 screws out of retainer.



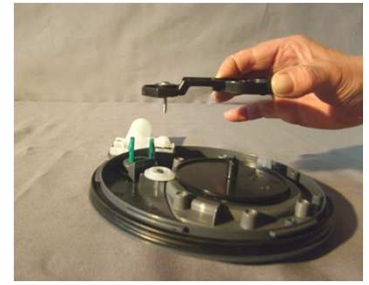
D

Press two ribs from retainer in, take it off and remove blade arm.



E

Take 1 screw out of bushing and remove blade driver.



F

Take bushing out and remove blade.



G

Press two ribs from blade opener in which allows to pull out the blade opener from the other side.



H

Take 6 screws out of seal retainer and take lip seal out.



J

Remove seal of mechanism.



K

For assembling mechanism follow steps in reverse.

Note: when placing the seal retainer please make sure that the small pivot is falling in the retainer.



Note: when placing the retainer please make sure that the white pin is positioned on the dot on mechanism.



Repair instruction

Description: SC250/400 Seal mechanism

Part number: 50724

Look for Service Centres, Point of Sale addresses and other information on: www.thetford-europe.com

Version: 1

Date: April 2010

Tools required: -

A

Using the sliding cover as a lever rotate the complete mechanism anti clockwise until the arrow points to the second dot



B

Take complete mechanism out and place it upside down.



C

Remove seal from mechanism and place new one.



D

For assembling mechanism follow steps in reverse.

Repair instruction

Description: SC250 Waste-holding tank float

Part Number: 50725

Look for Service Centres, Point of Sale addresses and other information on: www.thetford.eu

Version: V1

Date: June 2010

Tools required:

A

While looking down on the top of the tank you will notice the sliding cover. Also on the disc there is an arrow which is pointing to a solid dot on the main body of the toilet.



B

Remove the sliding cover and re-insert from the opposite end.



C

Using the sliding cover as a lever rotate the complete mechanism anti clockwise until the arrow points to the second dot.



D

The complete disc and mechanism can now be removed.



E

The float should be easily visible however if it has been washed away the float housing can be found between the wheels towards the top of the tank



F

The float simply unclips and clips back into place, when replacing the float ensure the fin is positioned towards the base of the waste tank.



G

Now you can simply replace the mechanism and rotate back into position.



Return the sliding to cover to its original position, fill the waste tank with clean water and test.



Repair instruction

Description: SC250 Waste-holding tank wheels

Part number: 50726

Look for Service Centres, Point of Sale addresses and other information on: www.thetford-europe.com

Version: 1

Date: June 2010

Tools required: -

A

Turn waste-holding tank upside down.



B

Place your hand on the side of the wheel and pull it out.



Description: SC250/C260 Waste-holding tank mechanism

Part Number: 50727-06

Look for Service Centres, Point of Sale addresses and other information on:
www.thetford.eu

Version:

V2

Date:

August 2011

Tools required:



In case you are operating on a C250 and changing your Holding Tank, The Holding tank Mechanism, or the plate only of the Holding tank mechanism, it is strongly recommended to also change the bowl retainer bracket to avoid Leakage !

A

While looking down on the top of the tank you will notice the sliding cover. Also on the disc there is an arrow which is pointing to a solid dot on the main body of the toilet.



B

Remove the sliding cover and re-insert from the opposite end.



C

Using the sliding cover as a lever rotate the complete mechanism anti clockwise until the arrow points to the second dot.



D

The complete disc and mechanism can now be removed, reverse the process to re-attach the new mechanism.



Repair instruction

Description: SC250 Pull handle

Part number: 50728

Look for Service Centres, Point of Sale addresses and other information on: www.thetford-europe.com

Version:	1
Date:	June 2010
Tools required:	Flat head screwdriver

A

Turn waste holding-tank upside down.



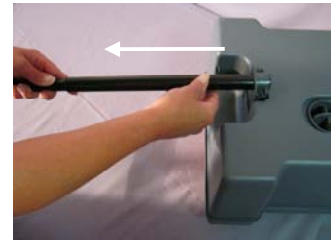
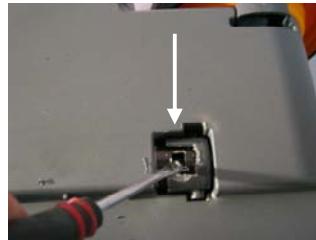
B

Place flat head screwdriver underneath rib and take one complete rib out, if not broken yet.



C

Place screwdriver in handle and push down so that handle can be taken out completely.



D

At the end pull guide of the handle up and remove spring.



E

Assemble new pull handle and follow steps in reverse.

Repair instruction

Description: C250 Seal nozzle

Part number: 50729

Look for Service Centres, Point of Sale addresses and other information on: www.thetford.eu

Version:	1
Date:	June 2010
Tools required:	Flat screwdriver, Philips crosshead screwdriver

A

Remove waste-holding tank and seat & cover.



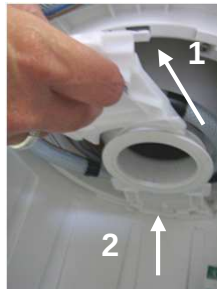
B

Place flat screwdriver between bracket and bowl, hold this position while pushing the bracket to the left with your thumb.



C

Remove brackets, one in the front and one in the back of the toilet.



D

Pull bowl-inner loose from bowl outer



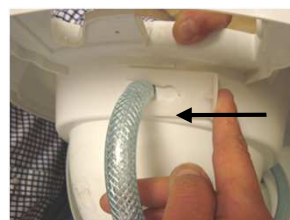
E

Remove nozzle retainer followed by tube from nozzle.



F

Fit new nozzle and nozzle retainer.



G

Bring tube back into position, place bowl inner and push it back on bowl outer.



H

Assemble both brackets back (see B and C in reverse), and place seat & cover back.

Repair instruction

Description: SC250/400 Blade

Part number: 50731

Look for Service Centres, Point of Sale addresses and other information on: www.thetford-europe.com

Version:	1
Date:	April 2010
Tools required:	Crosshead screwdriver

A

Using the sliding cover as a lever rotate the complete mechanism anti clockwise until the arrow points to the second dot



B

Take complete mechanism out and place it upside down.



C

Remove 3 screws out of retainer.



D

Press two ribs from
retainer in and take it off.
Remove blade arm.



E

Take 1 screw out of
bushing and remove
blade driver.



F

Take bushing out and
remove blade.



G

For assembling new blade follow steps in reverse.

Repair instruction

Description: SC250 Float stem

Part number: 50732

Look for Service Centres, Point of Sale addresses and other information on: www.thetford-europe.com

Version:	1
Date:	June 2010
Tools required:	Flat head screwdriver

A

Remove waste holding-tank out of toilet.



B

Using the sliding cover as a lever rotate the complete mechanism anti clockwise until the arrow points to the second dot



C

Place flat screwdriver under plate and press it out, and remove plate.



D

While going with one hand in the waste-holding tank, press the vent lifter from the top so that the float stem can be turned out (see circle) from within the holding tank.



E

Float stem which was inside waste-holding tank.



F

By pulling the vent lifter a bit up, the spring can be replaced.



Follow steps in reverse to assemble new float stem.

Repair instruction

Description: C250/C260 Bowl retainer bracket

Part number: 50733

Look for Service Centres, Point of Sale addresses and other information on: www.thetford.eu

Version:	V2
Date:	15/08/2011
Tools required:	Flat screwdriver



In case you are operating on a C250 and changing your Holding Tank, The Holding tank Mechanism, or the plate only of the Holding tank mechanism, it is strongly recommended to also change the bowl retainer bracket to avoid Leakage !

A

Remove waste-holding tank out Cassette toilet.



B

Place flat screwdriver between bracket and bowl, hold this position while pushing the bracket to the left with your thumb.



C

Remove bracket.



D

Place new bracket and push to the right so the bracket will be locked again.



Repair instruction

Description: C250 Vent plate

Part number: 5073462

Look for Service Centres, Point of Sale addresses and other information on: www.thetford.eu

Version:	1
Date:	June 2010
Tools required:	-

A

Remove waste-holding tank out Cassette toilet.



B

Pull vent plate loose, is fixated in base on 5 points.

Place new vent plate. Note: make sure that the vent plate is pressed in properly.



Repair instruction

MvS1

Description: C250/C260 Saddle

Part number: 50735

Look for Service Centres, Point of Sale addresses and other information on: www.thetford.eu

Version:	1
Date:	June 2010
Tools required:	Philips crosshead screwdriver

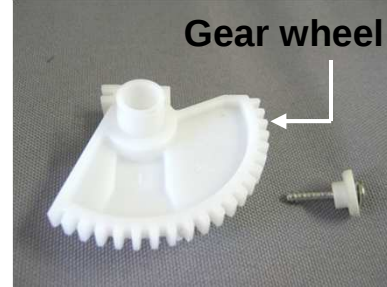
A

Remove waste-holding tank out Cassette toilet.

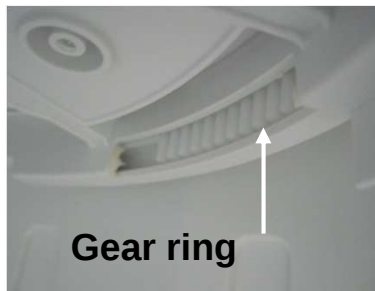


B

Remove one screw out of saddle and screw new saddle in.



Note: when new saddle is placed in position, please make sure that the gear wheel is falling into the gear ring. Screwing the new gear wheel in, do not fix the screw too hard. The gear wheel should be easy to rotate.



Repair instruction

Description: SC250 Handle grip cover

Part number: 50737-92

Look for Service Centres, Point of Sale addresses and other information on: www.thetford-europe.com

Version:	1
Date:	June 2010
Tools required:	Flat head screwdriver

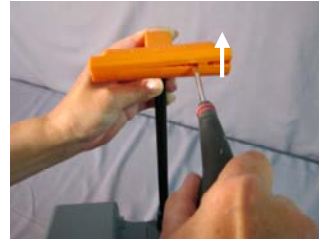
A

Remove waste holding-tank out of toilet.



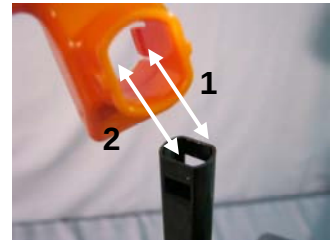
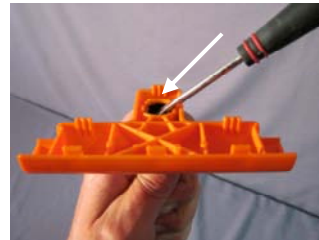
B

Place flat head screwdriver between handle grip cover and lift it up.



C

Press with screwdriver 2 outstanding ribs on inside handle in and take handle off.



D

Place new handle grip cover.



Repair instruction

Description: C250 Kit one switch/single level/multi level

Part number: 5075062/5075162/5075262

Look for Service Centres, Point of Sale addresses and other information on: www.thetford.eu

Version: 1

Date: June 2010

Tools required: -

A

Remove waste-holding tank out
Cassette toilet.



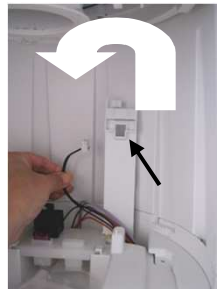
B

Locate the reed switch housing which can be found in the back where the waste-holding tank is taken out. By pressing the lip on the housing, the reed switch can be taken out.



C

Remove cable out of reed switch housing.
As the reed switch housing is held on its place by holt melt use stanley knife for the front and flat screwdriver for the bottom to take reed switch housing out.



D

Before replacing the new reed switch housing, use hot melt to keep the housing on its place and place cable back. Press reed switch back in.



E

Using the sliding cover as a lever rotate the complete mechanism anti clockwise until the arrow points to the second dot



F

The float should be easily visible however if it has been washed away the float housing can be found between the wheels towards the top of the tank



G

The float simply unclips and clips back into place, when replacing the float ensure the fin is positioned towards the base of the waste tank.



Now you can simply replace the mechanism and rotate back into position.

Follow steps in reverse the assemble mechanism, fill the waste tank with clean water and test.

Repair instruction

Description: C250 Ventilator for powered vent

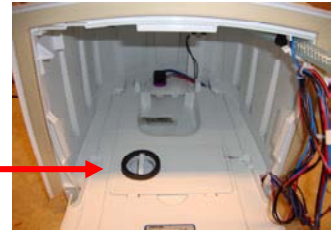
Part Number: 50755

Look for Service Centres, Point of Sale addresses and other information on: www.thetford.eu

Version:	V1
Date:	January 2010
Tools required:	Philips screwdriver, wire cutters

A

Remove the waste tank and locate the vent plate which is situated in the base of the toilet.



B

Remove the vent plate where the filter is located.



Remove filter.



C

Remove black foam and tape which covers the wire.

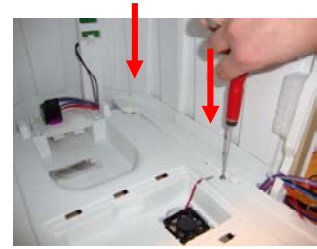


MvS8

D

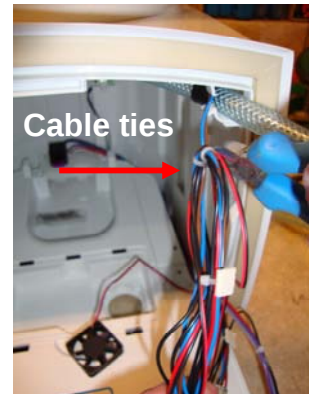
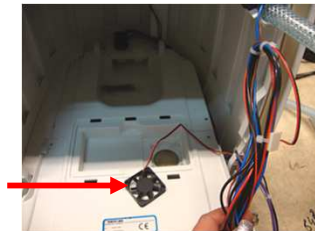
Remove two screws on cable cover.

Remove cable cover.



E

Take electrical fan out and disconnect the complete wire by cutting the cable ties.

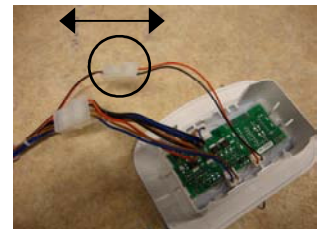


F

S version: Disconnect connector block and press new connector block in.

CS/CWE version: Remove control panel out of console and disconnect connector block.

Note: Make sure that you do not touch the pcb

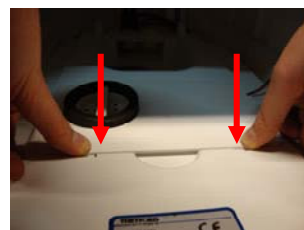


G

Connect new replacement part and follow all steps but in reverse.

H

When the electrical fan is replaced, the vent plate needs to be pressed in ensuring both lugs are in correctly.



Repair instruction

Description: SC250/260CB Nozzle

Part number: 50756-62

Look for service centres, point of sale addresses and other information on: www.thetford.eu

Version:	1
Date:	September 2010
Tools required:	Screwdriver, Pliers

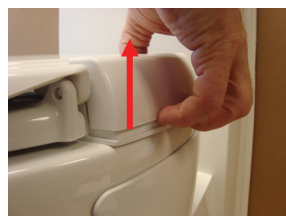
A

Turn the bowl of the toilet.



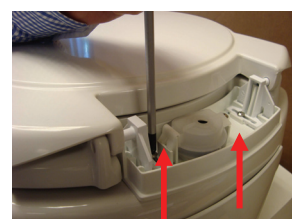
B

Remove pod (to remove the pod held Seat & cover as shown on 2nd photo)



C

Remove one screw out of vacuum-breaker, and two screws out of service cover.



D

Remove service cover.



E

Remove black tube from nozzle and remove black tube from watersupply tube.



Note: Not all versions have a the black tube. With the new nozzle, the black tube is **not needed** any longer.

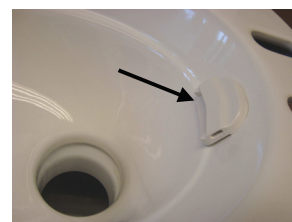
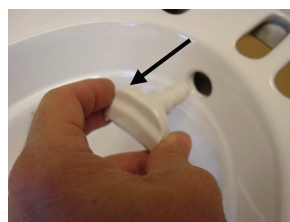
F

Remove nut with help of the pliers.



G

Take nozzle out of the toiletbowl and put new nozzle in.



H

Place nylon bushing, nut and watersupply tube back onto the nozzle.



I

Place steps D to B in reverse.

Note: for placing service cover back, make sure that both screw bosses are visible from the top.



Repair instruction

Description: C250 CWE Additional Drain Tube

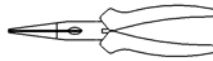
Part number: 50759

Look for Service Centres, Point of Sale, addresses and other information on: www.thetford.eu

Version: V1

Date: 28/09/11

Tools required:



A

Before you can fit the additional drain tube you must ensure the fresh water tank is drained.



Remove the waste holding tank and pull out the drain tube from its retaining bracket.



B

Drain the fresh water and rinse into a receptacle by carefully removing the end cap from the drain tube.



C

Once the fresh water tank is drained refit the waste holding tank and flush the toilet until no more water comes through the nozzle into the bowl.

Empty the bowl into the waste holding tank.

Remove the waste holding tank.



D

Have a small receptacle at hand (or ideally the waste holding tank dump cap) and using long nose pliers squeeze together the tabs on the two black clips and slide them down the clear water pipe. Depending on the age of your toilet you may only have one clip.

Pull the water pipe off the fresh water tank spigot and drain into the receptacle. To prevent unnecessary strain on the pump spigot twist the clear water pipe towards you and then pull down to remove the water pipe. Drain any excess water from the pump and the water pipe into a receptacle.



E

You are now ready to fit the additional drain tube.

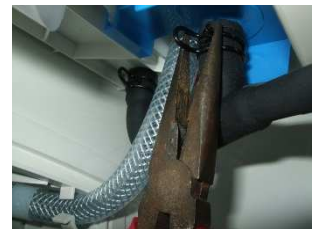
F

Fit the two black clips onto the new drain tube.

Push the drain tube fully into position.



Using long nose pliers squeeze the black tabs on the two clips and push them up to secure the drain tube.



G

Place the end of the drain tube along side the original drain tube behind the retaining bracket.



You have now completed the fitting of the additional drain tube. Please note that there still may be some water in the tank and therefore we advise if this is not the final destination of the vehicle before it goes into storage that both the drain tubes are opened and emptied again to remove any water which may have moved during transit. This will eliminate the chance of any water causing frost damage to the pump.

Repair instruction

Toilets
Cassette Toilets
C250/C260

SC ring blade mechanism 50760

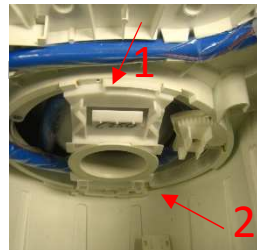
A

Remove the waste-holding tank



B

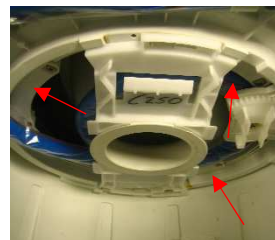
Remove the bowl retainer brackets.(2x)
Turn #1 anti-clockwise and #2 clockwise to remove



C

Unscrew the three retainer brackets

Note: turn the bowl to unscrew the last bracket



D

Lift the bowl



Repair instruction

E

Remove the water diverter and the ring blade mechanism



F

Push with a screwdriver on top of the handle to remove the handle



G

Click the handle to the new ring blade mechanism and put back in place with water diverter



H

Put the bowl back in position

Note: make sure the tubes are in the correct position. Check by turning the bowl in different positions



Repair instruction

I

Follow steps C-B-A to complete the toilet



Repair instruction

Toilets
Cassette Toilets
C250

SC Flush Tube C250 5076562

A

Remove waste-holding tank and seat & cover



B

Place flat screwdriver between bracket and bowl, hold this position while pushing the bracket to the left with your thumb



C

Remove brackets, one in the front and one in the back of the toilet



D

Pull the bowl inner loose from the bowl outer



Repair instruction

E

Remove the nozzle retainer.
Then remove the nozzle from the
tube



F

Fit the new tube, the nozzle and
the nozzle retainer

*Note: Cut the new flushtube on the
same length as the one removed*



G

Bring the tube back into position,
place the bowl inner and push it
back on the bowl outer



H

Assemble both brackets back (see B
and C in reverse), and place seat &
cover back

Repair instruction

Toilets
Cassette Toilets
C250/C260

SC Water diverter 9342962

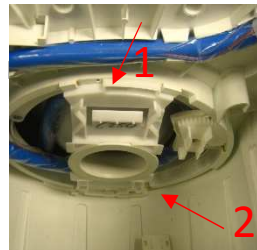
A

Remove the waste-holding tank



B

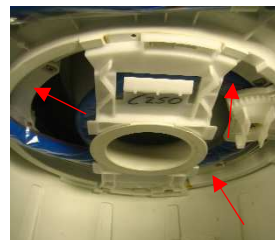
Remove the bowl retainer brackets.(2x)
Turn #1 anti-clockwise and #2 clockwise to remove



C

Unscrew the three retainer brackets

Note: turn the bowl to unscrew the last bracket



D

Lift the bowl and replace the water diverter



Repair instruction

E

Put the bowl back in position

Note: make sure the tubes are in the correct position. Check by turning the bowl in different positions



F

Follow steps C-B-A to complete the toilet