

Repair instruction

Description: C2 C3 C4 C200 Automatic vent

Part number: 23722-74

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

Version:	V2
Date:	13/07/2006
Tools required:	-

A

Holding tank
C2/C3/C4/C200



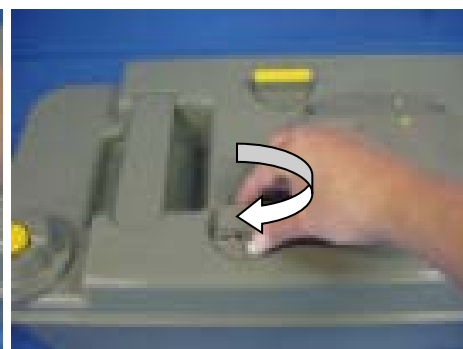
B

Turn the automatic vent
to the left and take it
out.



C

Place new automatic
vent in the waste tank
and turn it to the right
to lock it in the waste
tank.




Repair instruction

Description: C2 C3 C4 C200 Blade

Part number: 23847

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

Version:	V2
Date:	13/06/2006
Tools required:	

A

Remove the sliding cover.

Remove the 2 screw covers (only C200 toilets). **Note:** Lever off gently.



B

Unscrew the 8 screws on the seal cover.

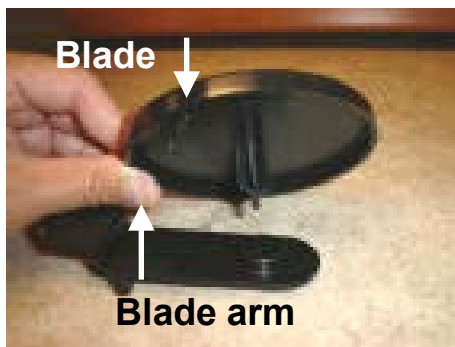
Take the seal cover off.



C

General mechanism info: do **NOT** remove the blade arm when changing the blade.

Pull the blade gently out of the blade arm.
Note: the blade is pressed into the blade arm.



D

Push the blade arm a little bit up.



Press the new blade gently in the hole of the blade arm.

E

Open and close the blade a few times, to ensure a good operation of the mechanism.

When placing the lip seal on the waste tank, the thinner flange has to face downwards the blade.

**F**

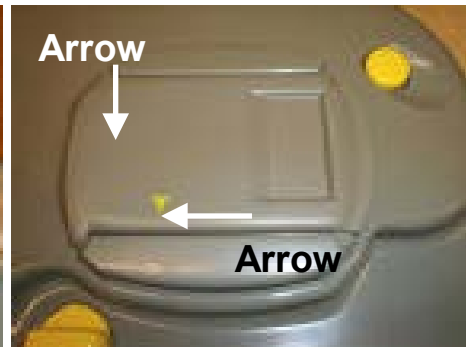
Place the lip seal on the waste tank.

Screw the seal cover back onto the waste tank.

**G**

Press both screw covers back on the seal cover (only C200 toilets).

Place sliding cover back on its place. Make sure that the two arrows are pointed to each other.



Repair instruction

Description: C2 C3 C4 Float arm

Part number: 21322 Float arm

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

Version: V2

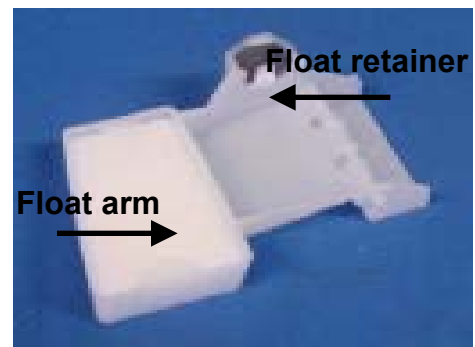
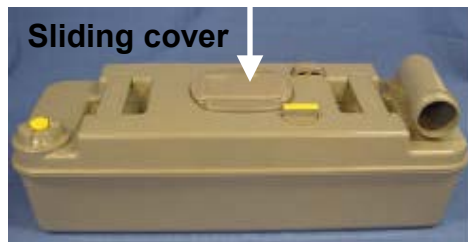
Date: 17/07/2006

Tools required:



A

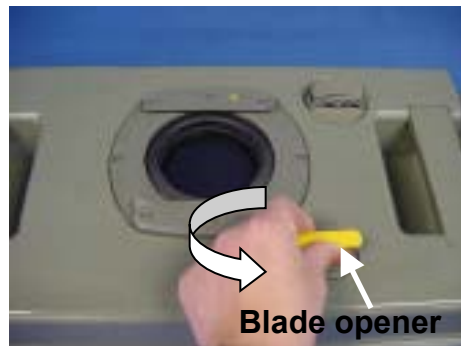
Remove the sliding cover.



Float arm is assembled on the opposite side of the blade opener.

B

Open the blade.



The Magnet has to point to the outside of the waste tank.



C

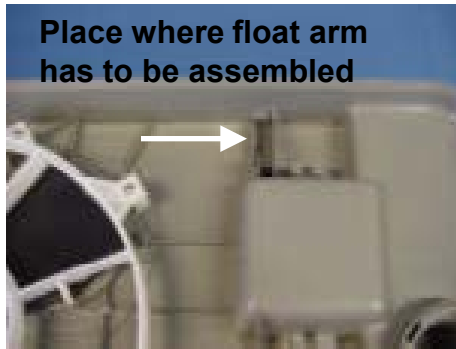
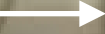
Remove the float retainer (if this is still in the waste tank) by placing the small flat screwdriver between the rib and the float retainer and lift it up.



D

Place the new float arm.

Place where float arm has to be assembled



E

Press on the float-retainer.



Repair instruction

Description: C2 C3 C4 Float vent (produced before June 1993)

Part number: 21510

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

Version:	V1
Date:	17/01/2007
Tools required:	-

A

Waste tank C2 C3 C4.

Enter the waste tank with the float vent ensuring the vent is flat side up.



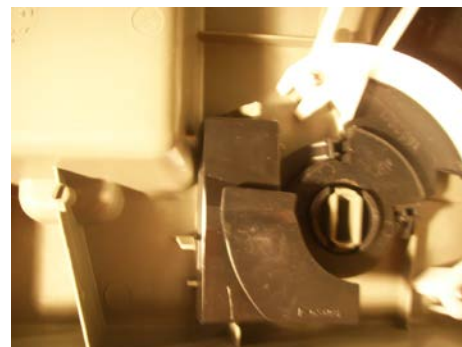
B

Position the float vent as shown in the picture.



C

Push the float vent beneath the blade arm driver.



Repair instruction

Description: C2 C3 C4 Flush knob

Part number: 16377

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

Version:

V1

Date:

17/01/2007

Tools required:



A

C2 C3 C4 toilet.

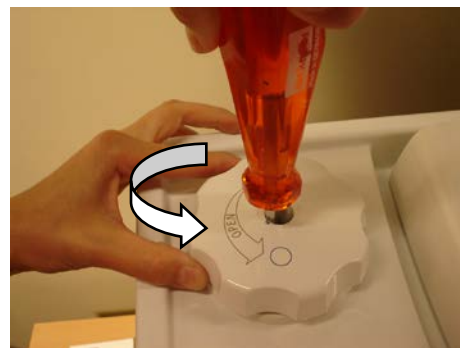
Pull the waste tank out of the toilet by pushing down on the yellow clip.



B

Remove the plug from the flush knob with a flat screwdriver.

Remove the screw from the flush knob with a long Philips screwdriver.



C

Remove the flush knob.

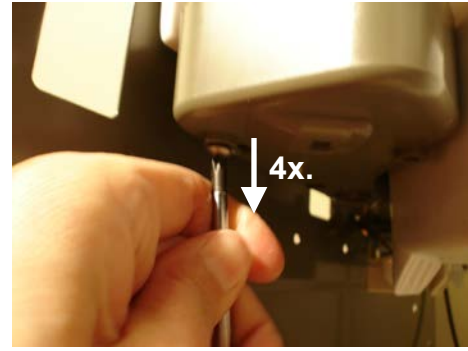
Remove the spring.



D

Remove the nylon bushing.

From inside the toilet remove the four screws from the mechanism



E

Mechanism overview.

Disconnect the spring.



F

Remove the crank.

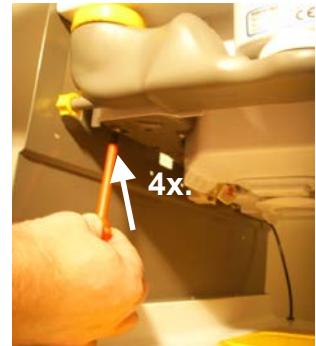
Replace the new crank.



G

Reconnect the spring.

Replace the four screws from the mechanism.



H

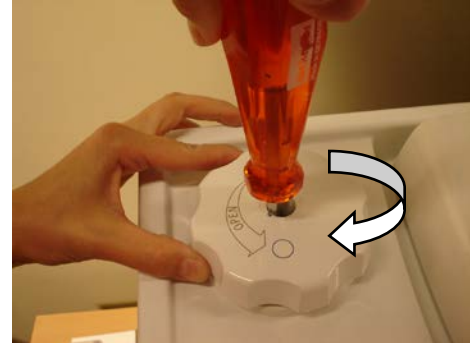
Replace the new nylon bushing.



I

Replace the new flush knob.

Replace the screw in the flush knob with a long Philips screwdriver.



J

Replace the plug from the flush knob.

Replace the waste tank back into the toilet.



Repair instruction

Description: C2 C3 C4 Level indicator

Part number: 16171-62

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

Version: V2

Date: 13/07/2006

Tools required:



A

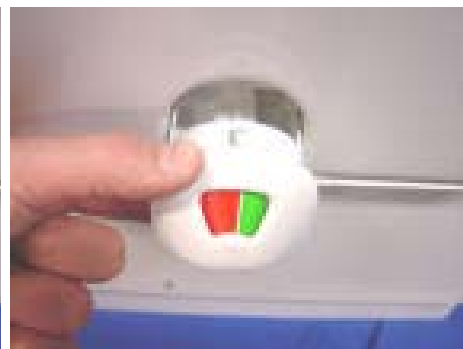
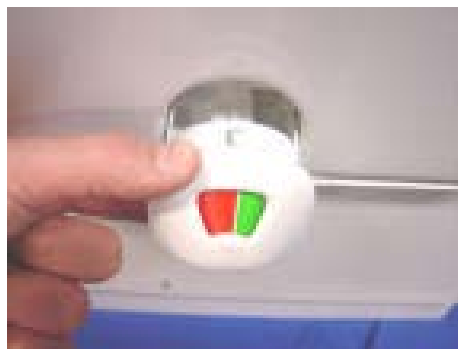
C2 C3 C4 toilet.



B

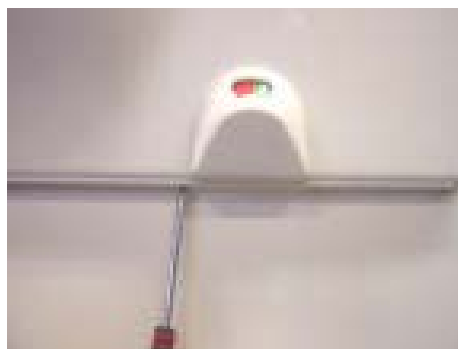
Unscrew the 7 screws underneath the level indicator

Replace the level indicator



C

Screw the 7 screws back into the toilet



Repair instruction

Description: C2 C3 C4 Seat and cover/hinge pin and post
Part number: 16194 seat and cover 16183 hinge pin and post

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

Version: V1

Date: 17/01/2007

Tools required:



A

C2 C3 C4 toilet.

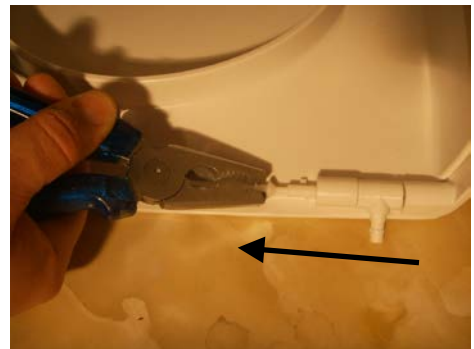
Lift the hinge post up with a flat screwdriver. **Note:** protect the toilet against damages with a cloth.



B

Lift the seat and cover up.

Pull out the two hinge pins with the pliers.

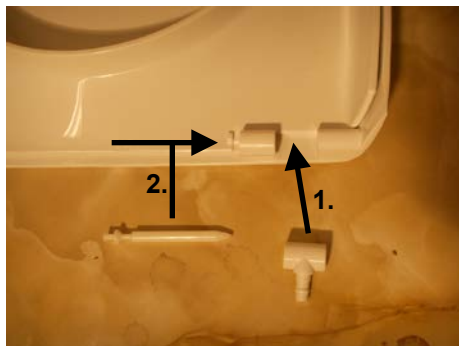


C

1. Position the new hinge post.

2. Insert the new hinge pin in place.

Replace the seat and cover.



17/01/2007

Description: C2 C3 C4
 Seat and cover/hinge pin
 and post

D

Close the cover.

Firmly slam the seat cover back into position on both hinge posts.



E




Repair instruction

Description: C2 C3 C4 Spring clip retainer

Part number: 16169/16350-78

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

Version:	V2
Date:	23/05/2006
Tools required:	

A

C2/C3/C4 toilet.

Pull the waste tank out of the toilet by lifting up the yellow clip.



B

Unscrew the 2 screws on the clip retainer,

replace spring or clip + clip retainer and screw the 2 screws back into the clip retainer.



C

Replace the waste tank in the cassette.



Repair instruction

Description: C2 C3 C4 Vent plug Vent button

Part number: 16176-74 Vent plug 07524-78 Vent button

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

Version: V1

Date: 29/05/2006

Tools required: -

A

Waste tank C2 C3 C4.



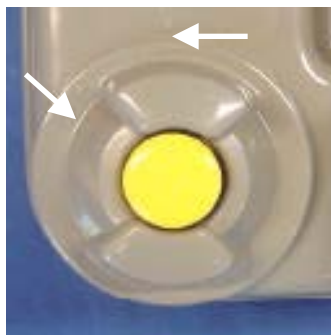
B

When the vent plug is locked into the waste tank, the two arrows (one on the waste tank and one on the vent plug) has to be pointed to each other.



C

Turn the vent plug away from the arrow on the waste tank (can only be turned one way) and lift it up. **Note** : some force may be needed to take the vent plug out.



*Vent plug can now be replaced. If the vent button has to be replaced, please follow underneath instructions.

C

Press the vent button in and pull the seal retainer loose.

1. Vent plug
2. Vent button
3. Spring
4. Seal retainer



D

Place new spring and vent button in the vent plug and push the new seal retainer in.



E

Note : Press the vent button in while assembling the new seal retainer.

Place vent plug back into the waste tank and turn the two arrows back to each other.



F





Repair instruction

Description: C2 C3 C4 Vent seal

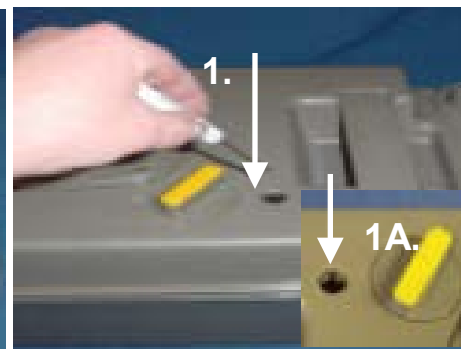
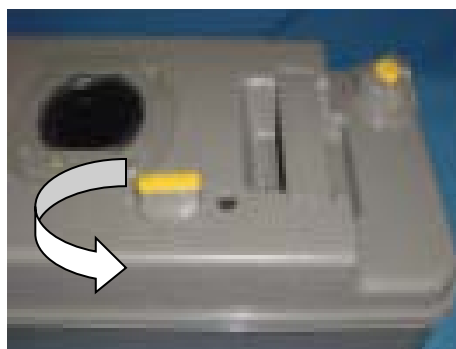
Part number: 20339

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

Version:	V1
Date:	15/06/2006
Tools required:	 

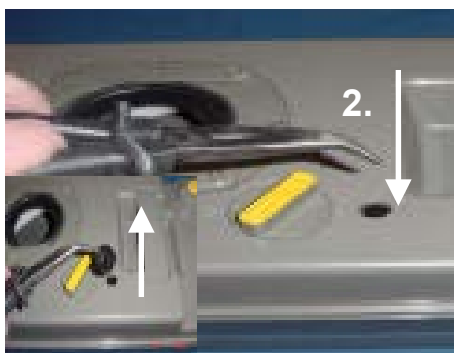
A

Open the blade, and depress the vent seal (1) around outer edge of seal (1a).



B

Take the vent seal out (2).



C

Bring new vent seal on its place as shown. Thinner flange has to be on the float which is inside the waste tank.



Thinner flange

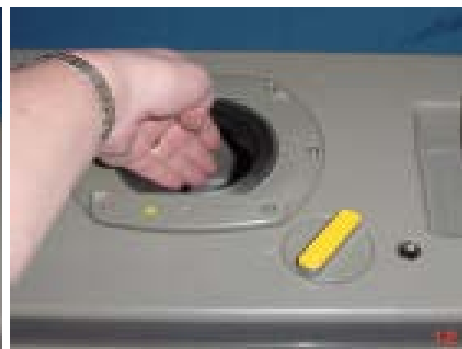


Float

D

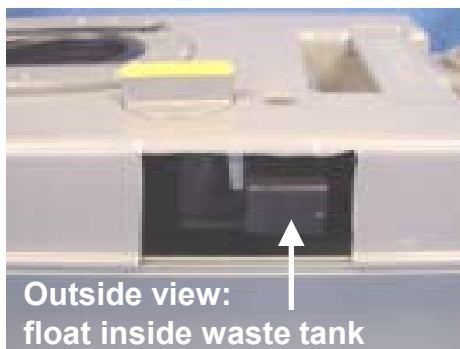
Depress the vent seal through the hole, from the outside. **Note:** Make sure that the vent seal is lying in the middle of the hole, when looking from the top.

Go with your hand in the waste tank.



E

press against the float (vent seal will be pressed into its place).



Outside view:
float inside waste tank



Inside view: press against float

Repair instruction

Description: C2 C3 Glass fuse 3 Amp

Part number: 16391

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

Version: V1

Date: 08/05/2006

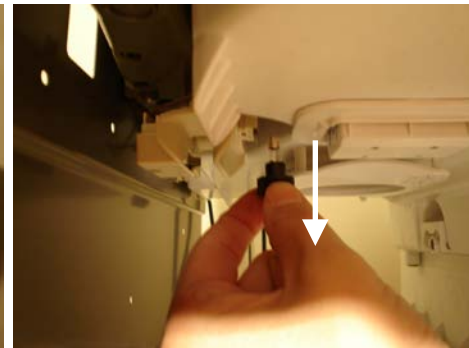
Tools required: -

A

C2/C3 Toilet.

Pull the waste tank out of the toilet by pushing down the yellow clip.

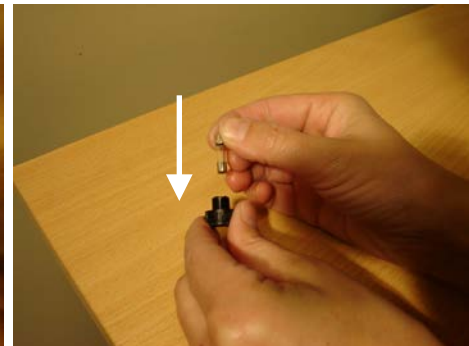
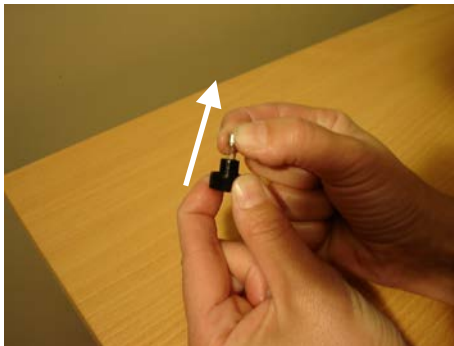
Unscrew the cap fuse holder.



B

Move the glass fuse from the cap fuse holder.

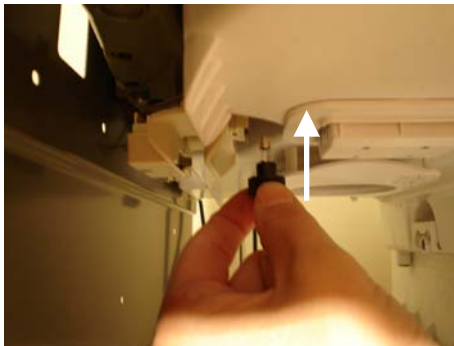
Place the new glass fuse back into the cap fuse holder.



C

Screw the cap fuse holder back into the toilet.

Replace the waste tank in the cassette.



Repair instruction

Description: C2 C3 Mechanism

Part number: 16379-74

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

Version:

V1

Date:

05/05/2006

Tools required:



A

C2/C3 toilet.

Pull the waste tank out of the Cassette toilet by lifting up the yellow clip.



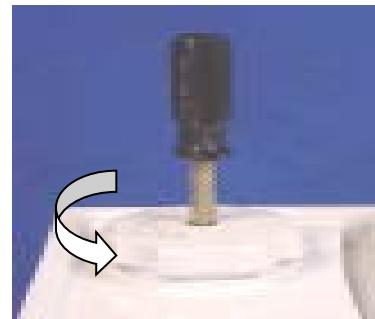
B

Place a flat screwdriver under the small plastic insert, which is in the middle of the flush knob, and take it off.

Unscrew the screw inside the flush knob, with a philips head screwdriver.



Flush knob



C

Complete flush knob can be taken out now. After the flush knob, the mechanism housing has to be taken out. **Note : This can only be done from the outside.**

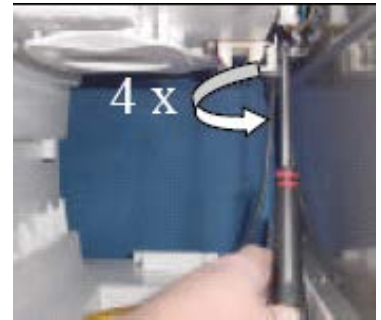
When looking inside the Cassette toilet from the outside, the mechanism is screwed to the underside of the water tank.



D

Mechanism housing which is located inside the Cassette toilet with four screws (on each corner).

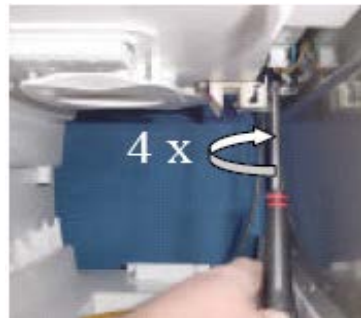
Remove the four screws located on the mechanism, allowing it to drop down. **Note:** On Cassette toilets which are produced between 1987 and 1989, 5 screws should be removed.

**F**

Pull the white connector loose from the mechanism, and press the connector into the new mechanism.

**G**

Screw the mechanism back on its place.

**H**

Place the flush knob back (in the same position as on the photo, see print on the knob) and, screw it back into the toilet with the crosshead screwdriver.



Repair instruction

Description: Switch C2/C3

Part number: 20107

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

Version:

V1

Date:

08/05/2006

Tools required:



+ wire stripper + shrink pliers

A

C2/C3 Toilet.

Pull the waste tank out of the toilet by pushing down the yellow clip.

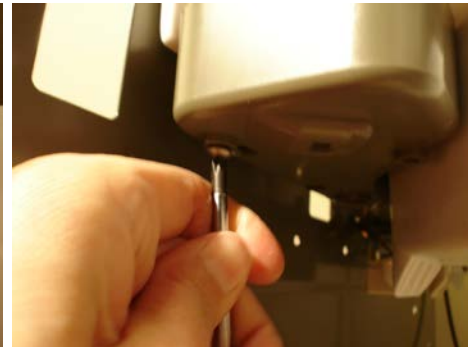
Remove the plug from the flush knob with a flat screwdriver.



B

Remove the screw in the flush knob with a long Philips head screwdriver.

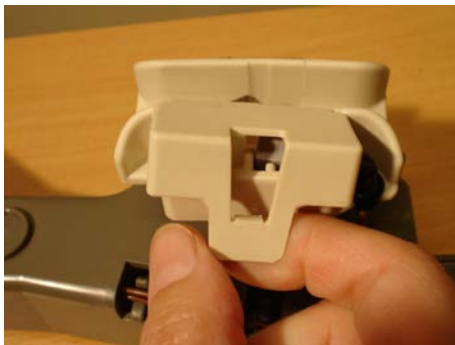
Remove the four screws from the mechanism inside the toilet.



C

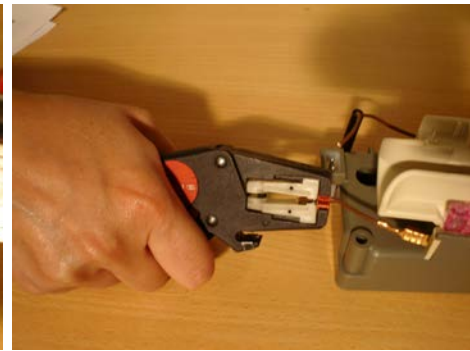
Remove the switch cover.

Pull out the cable from the saddle.



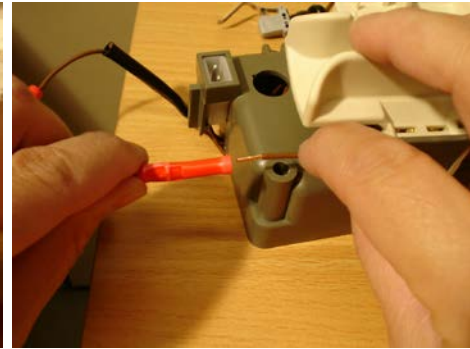
D

Cut the two cables from the switch.



E

Pull the cables into the connectors from the new switch.



F

Connect the connectors from the new switch on the cables with the shrink pliers.

Pull back the cable into the saddle.



G

Place the new switch back in his position.

Replace the switch cover.



H

Replace the four screws from the mechanism inside the toilet.

Replace the screw in the flush knob with a long Philips head screwdriver.



I

Replace the plug from the flush knob.

Replace waste tank back into the toilet.



Repair instruction

Description: C2 C3 Switch cover

Part number: 16390

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

Version: V1

Date: 17/01/2007

Tools required: -

A

C2 C3 toilet.

Pull the waste tank out of the toilet by pushing down on the yellow clip.



B

Locate the switch cover as shown in the diagram.

Remove the switch cover.



C

Replace the switch cover.

Replace the waste tank in the cassette.



Repair instruction

Description: C2 C3 Switch

Part number:20107

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

Version:

V1

Date:

08/05/2006

Tools required:



A

C2/C3 Toilet.

Pull the waste tank out of the toilet by pushing down the yellow clip.

Remove the plug from the flush knob with a flat screwdriver.



B

Remove the screw in the flush knob with a long Philips head screwdriver.

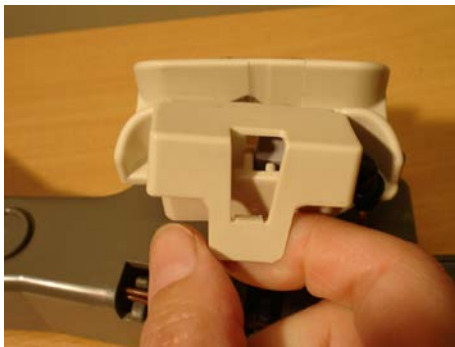
Remove the four screws from the mechanism inside the toilet.



C

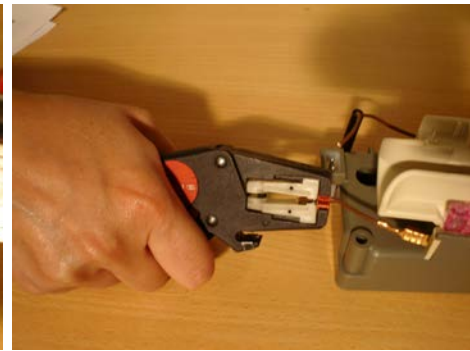
Remove the switch cover.

Pull out the cable from the saddle.



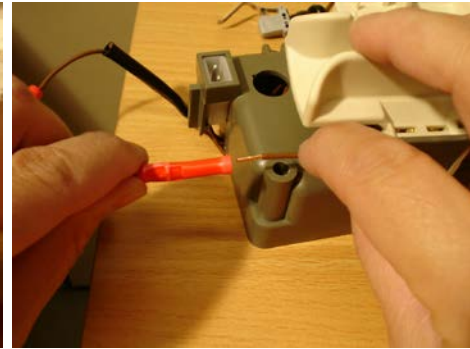
D

Cut the two cables from the switch.



E

Pull the cables into the connectors from the new switch.



F

Connect the connectors from the new switch on the cables with the shrink pliers.

Pull back the cable into the saddle.



G

Place the new switch back in his position.

Replace the switch cover.



H

Replace the four screws from the mechanism inside the toilet.

Replace the screw in the flush knob with a long philip head screwdriver.



I

Replace the plug from the flush knob.

Replace waste tank back into the toilet.



Repair instruction

Description: C2 C3 Wiring harness

Part number:16389

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

Version: V1

Date: 22/01/2007

Tools required:



A

C2/C3 Toilet.

Pull the waste tank out of the toilet by pushing down on the yellow clip.

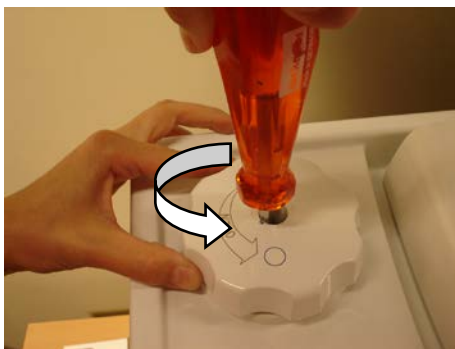
Remove the plug from the flush knob with a flat screwdriver.



B

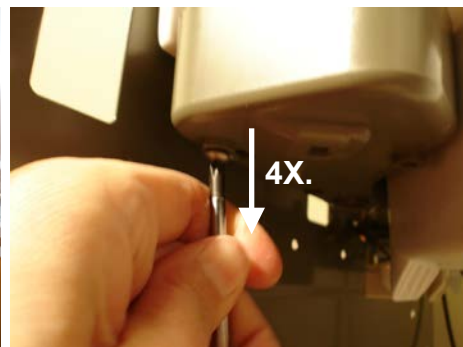
Remove the screw in the flush knob with a long Philips screwdriver.

Remove the white connector in the toilet shaft with the pliers.



C

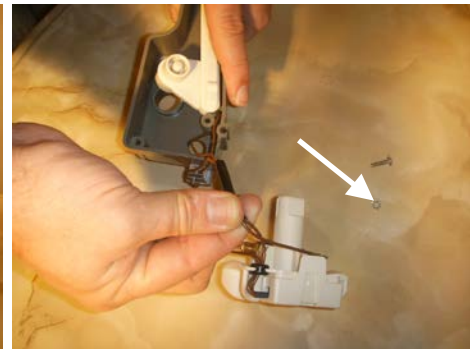
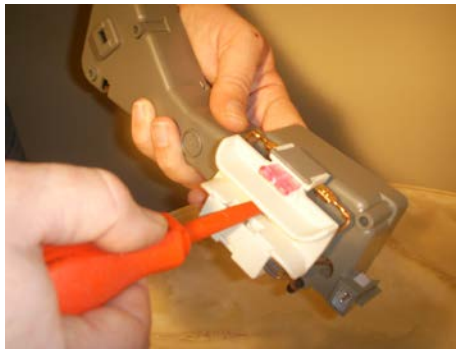
From inside the toilet remove the four screws from the mechanism.



D

Unscrew the saddle bracket with a phillips screwdriver.

Remove saddle bracket and take wiring out of the clip.



E

The link can be removed now.

Remove wiring shoes from saddle bracket.



F

Remove the flush switch by pushing the retainer clip to the side.

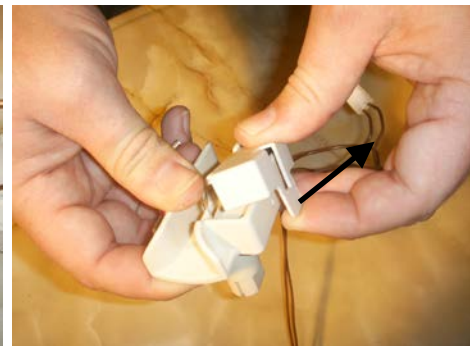
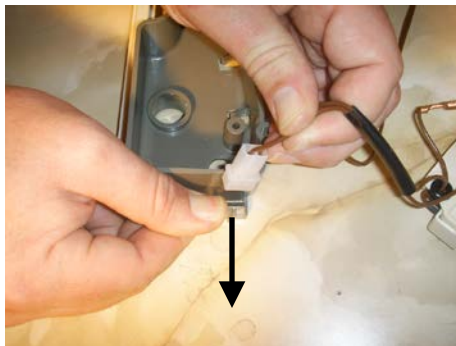
Remove the wiring harness from the clips.



G

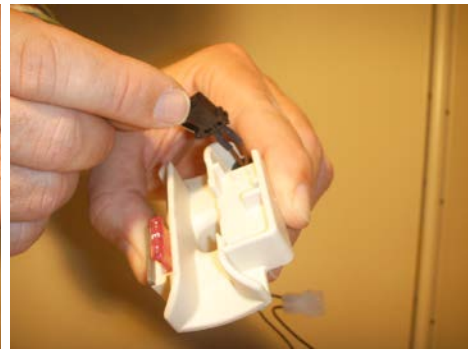
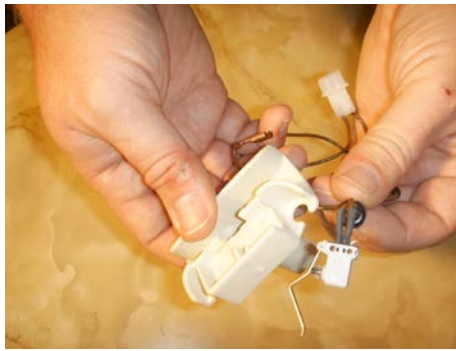
Remove the white connector by pulling the clip.

Remove the switch cover by pulling the clip.



H

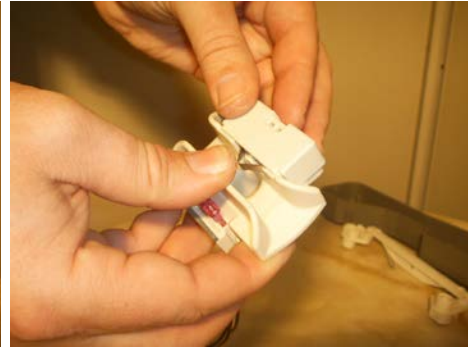
Remove the cable and switch from the saddle bracket.



Place the new wiring harness switch into the saddle bracket.

I

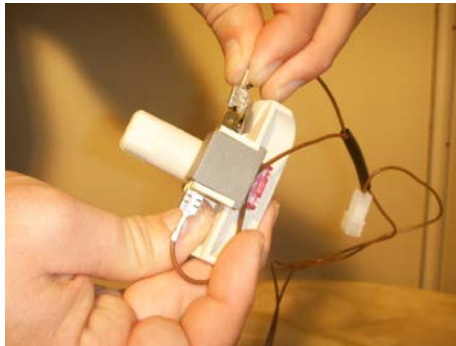
Position the switch as shown in the picture.



Replace the switch cover.

J

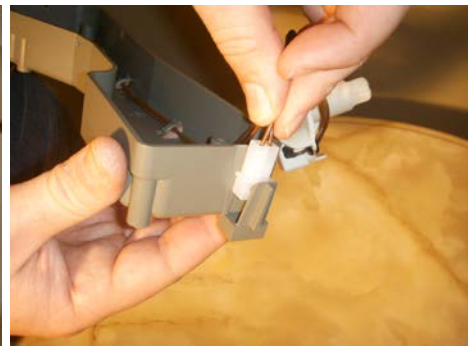
Replace wiring shoes on to the saddle bracket.



Replace the flush switch in the mechanism housing.

K

Overview.



Replace the white connector.

L

Place the black tube with wires in the wire clip.



Replace the saddle bracket.

M

Replace the link.



N

Replace the spring.

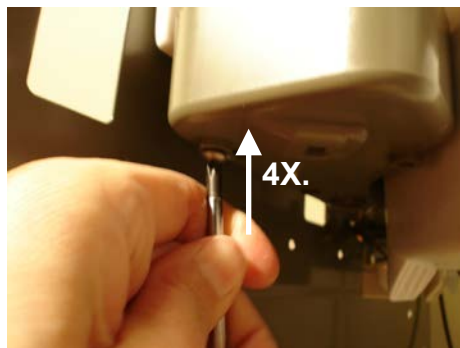


O

Replace the connector.

Note: in case connector is damaged, you can replace the connection. Please check spare parts.

Replace the four screws from the mechanism inside the toilet.




Repair instruction

Description: C2 C4 LH Drain tube

Part number: 21370

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

Version:	V1
Date:	15/06/2006
Tools required:	

A

C2/C4 Toilet.

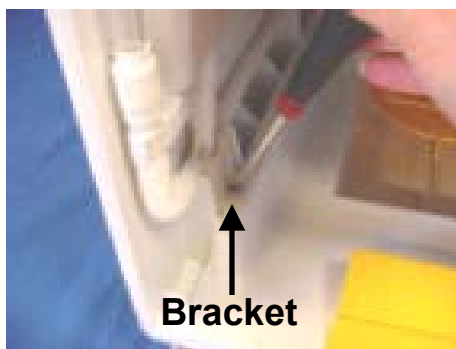
Note: when the toilet has been produced after November 1992. start with section D.

Pull the waste tank out of the toilet by pushing down the yellow clip.



B

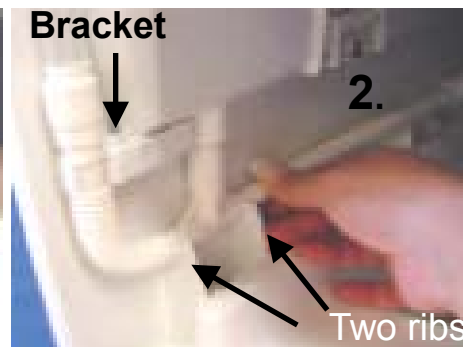
Unscrew the bracket and take it out.



C

Drain tube has to be pulled out on four places: 1. In the middle (lift up and pull the tube inside the Cassette).

2. In the front (take tube out of the bracket and pull the tube over the two ribs).



15/06/2006

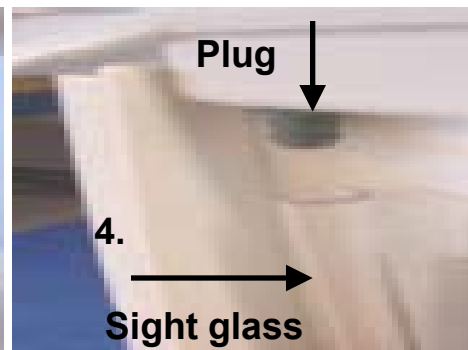
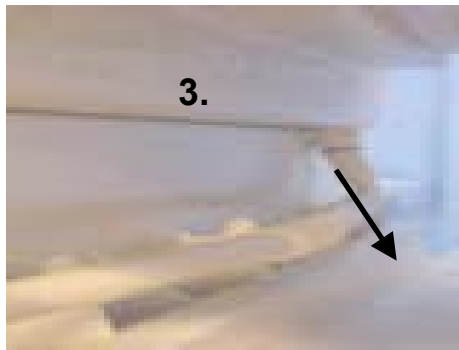
Description: C2 C4 LH
Drain tube

1

D

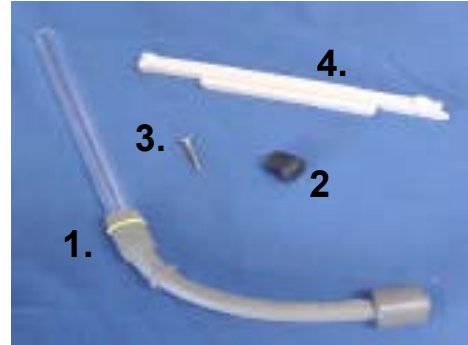
3. In the back (pull the tube over the rib).
Note: Some force may be needed to take the drain tube out.

4. Pull sight glass of plug.



E

Will be replaced by :
 1. Drain tube + clamp collar
 2. Blind plug
 * 3. Screw
 * 4. Linkage



* Screw and linkage only have to be used when the toilet has been produced before November 1992.
Production date can be found on the identification label, on the bottom of the waste tank.

Model : C2 LH

No. : 1631862 GO 7

Code : 990706

F

Push drain tube (1) into the water tank and push clamp collar over the tube.



G

Place sight glass in the plug and press drain tube into the bracket.



Repair instruction

Description: C2 C4 Water fill funnel

Part number: 16381-74

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

Version:	V2
Date:	13/07/2006
Tools required:	-

A

C2/C4 Toilet

Pull the waste tank out of the toilet by pushing down yellow clip.



B

Push the water fill funnel down and press the new water fill funnel into the water tank.



Replace the waste tank in the cassette.

Repair instruction

Description: C2 Flush tube

Part number: 16378-62

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

Version:

V1

Date:

08/05/2006

Tools required:



A

C2

Take the tissue well out



Tissue well

B

Take the tissue holder out to get to the location of the pump.



Tissue holder



C



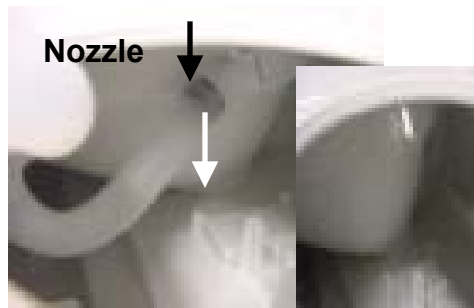
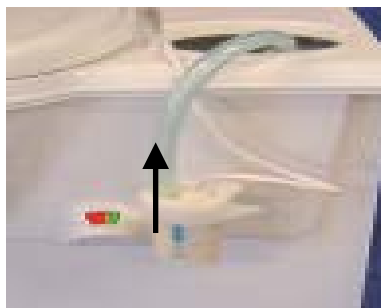
08/05/2006

Description: C2 Flush tube

Unscrew the screw on
The pump retainer and take
complete pump
out of the water tank.

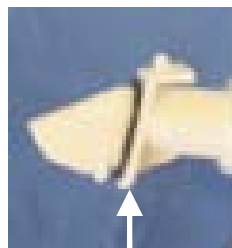
D

Disconnect the flush tube from the
pump and, pull the nozzle (inside the
toilet) down.



Place the nozzle from
the new flush tube inside the
water tank and press it into
the hole (you have to hear a
click, when pressing the nozzle in).

Note : Rib on nozzle has to go
through the hole, to the inside of the
toilet bowl.

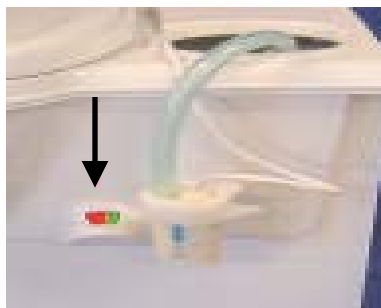


Rib inside

Toilet bowl

E

Connect flush tube back
onto the pump and screw the
pump back into the water tank.



F

Place tissue holder and tissue well
back into the water tank.



Repair instruction

Description: C2 Pump

Part number: 16374

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

Version:

V1

Date:

05/05/2006

Tools required:



A

C2 toilet.

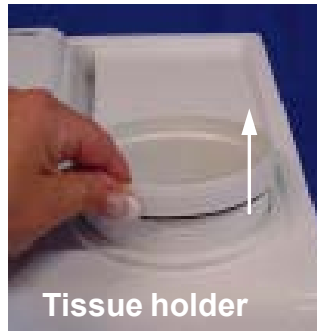


Tissue well

Take the tissue well out.

B

Take the tissue holder out to get to the location of the pump.



Tissue holder



Pump retainer

The pump retainer.

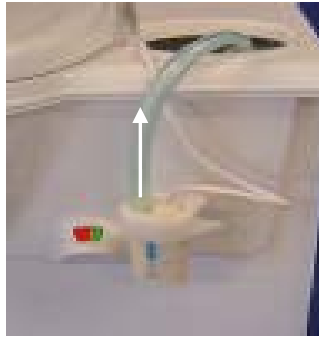
C

Unscrew the screw on the pump retainer and take complete pump out of the water tank.



D

Disconnect the flush tube from the pump.



Note : Cassette toilets produced between 1987 and 1989 have two black connectors on the white cable. If this is the case, the white cable has to be cut above the black connectors. Both connectors have to be taken off.

E

Cut the cable just above the pump with a cutter.

Remove the white wire insulation off so that the blue and brown wire stay intact.



F

strip the blue and brown wire with the wire-stripper.



G

Place the pump retainer and shrink tube on the new pump before connecting the wires.



H

Connect the wires (blue-blue/brown-brown) with the shrink pliers.

**I****J**

Melt the shrink tube with the hot-air gun. *Melting the shrink tube, will prevent That the connected wires will come in contact with the water in the water tank. **Note:** When Melting the shrink tube make movements from left to right so that the shrink tube can melt gradually.

**K**

Note: Make sure that the shrink tube is melted completely to the white wire insulation as otherwise a short circuit can occur.



L

Connect flush tube back onto the pump and screw the pump back into the water tank.



Place tissue holder back into the water tank.

M

Place tissue well back into the water tank.



Repair instruction

Description: C3 Electric valve

Part number: 20103 10/62

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

Version: V1

Date: 23/05/2006

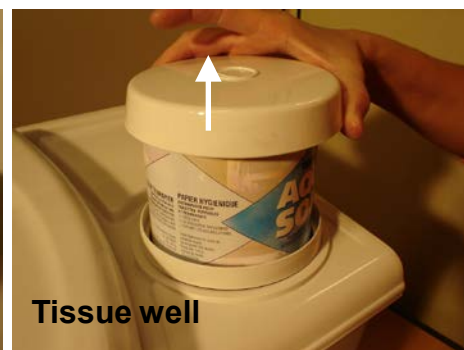
Tools required: -

A

C3 toilet.



Take the tissue well out.



Tissue well

B

Take the tissue holder out.



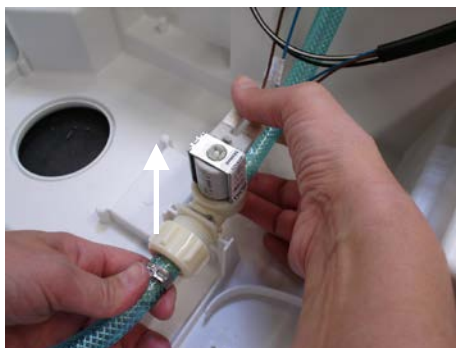
Tissue holder

Inside view.



C

Push up the cable-assy.



Remove the tube from the electric valve.



D

Remove the connectors from the electric valve.



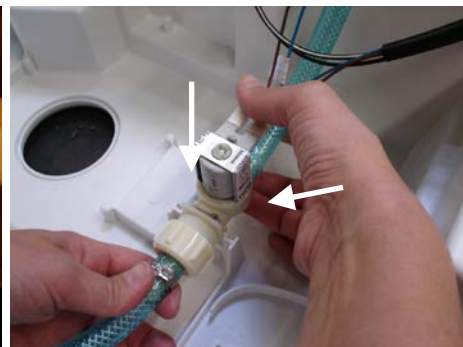
E

Replace the hose nut on the new electric valve.



F

Replace the tube on the electric valve.



Push down the cable-assy.

G

Inside view.



Refit the tissue well.

H

Refit the tissue holder.



Repair instruction

Description: C3 Flush tube

Part number: 20103 10/62

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

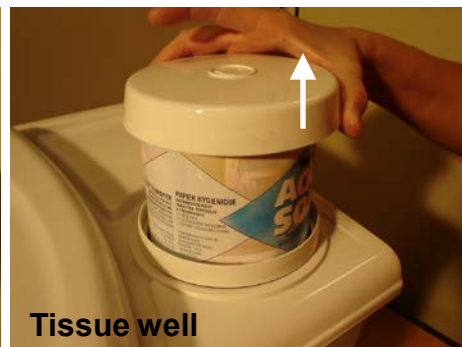
Version: V1

Date: 23/05/2006

Tools required: -

A

C3 toilet.



Tissue well

Take the tissue well out.

B

Take the tissue holder out.



Tissue holder

Inside view.



C

Push up the cable-assy.



Pull the nozzle (inside the toilet) down.



23/05/2006

Description: C3 Flush tube

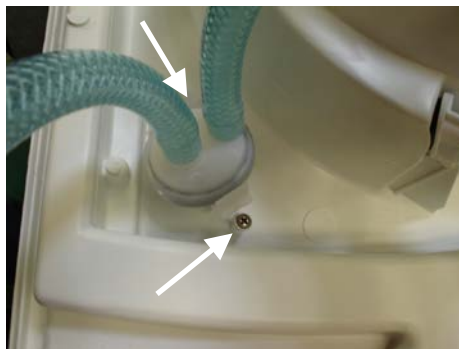
D

Remove the vacuum breaker by pressing against the upstanding rib.

Remove the tube from the vacuum breaker and place the new tube on the vacuum breaker.

**E**

Replace the vacuum breaker by pressing against the upstanding rib.



Replace the nozzle inside the water tank (you have to hear a click while replacing). The rib has to go inside of the toilet bowl.

F

Push down the cable-assy.



Refit the tissue holder.

G

Refit the tissue well.



Repair instruction


Description: C3 Relais

Part number: 20106

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

Version: V1

Date: 29/05/2006

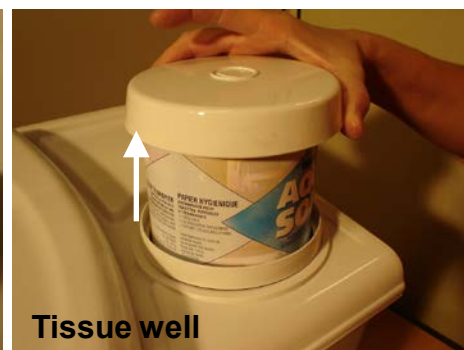
Tools required: 

A

C3 toilet.

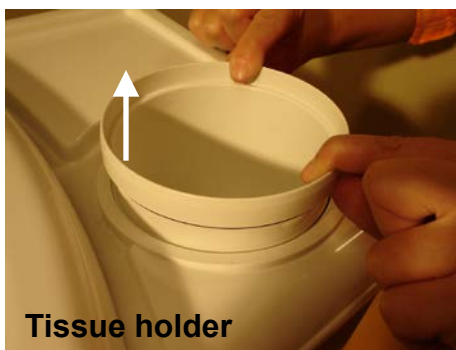


Take the tissue well out.



B

Take the tissue holder out.



Unscrew the screw from the relais.



C

Lift up the relais.

Remove the relais from the connection relais.



D

Place the new
relais on to the
connection relais.



Refit the tissue
holder.

E

Refit the tissue well.



Repair instruction

Description: C3 Vacuum breaker

Part number: 16833

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

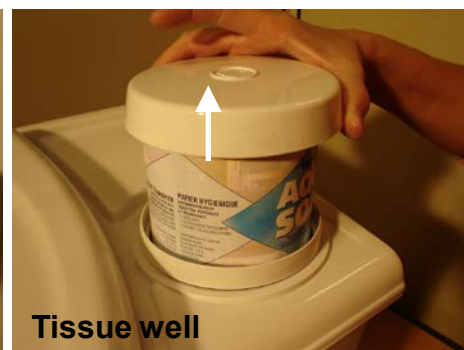
Version:	V1
Date:	23/05/2006
Tools required:	-

A

C3 Toilet



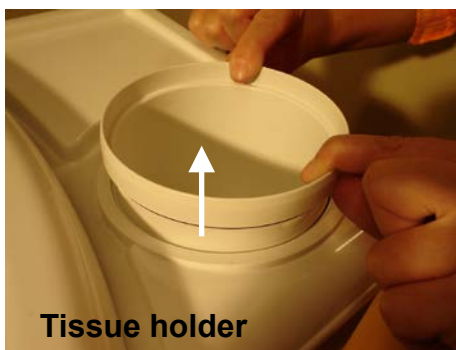
Take tissue well out.



Tissue well

B

Take tissue holder out.



Inside view.

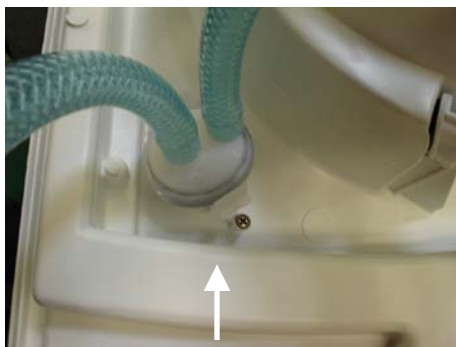
Tissue holder



C

Remove the vacuum breaker by pressing against the upstanding.

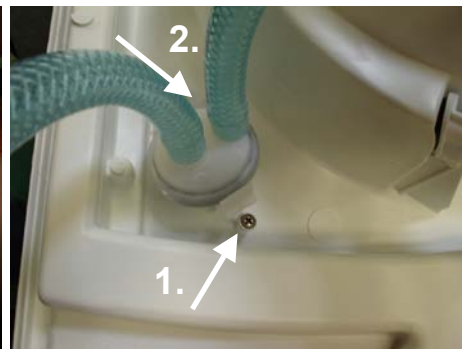
Remove the two tubes from the vacuum breaker.



D

Replace the two new tubes from the vacuum breaker.

Place the new vacuum breaker by placing the opening around the screw (1) and press the other side in (2).



E

Inside view.



Refit the tissue holder.

F

Refit the tissue well.



Repair instruction

Description: C4 Flush mechanism

Part number: 20291-62

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

Version: V1

Date: 20/06/2006

Tools required: -

A

C4 Toilet.

Lift the flush cap (1) up with your finger.



B

Pump housing can be pulled out by hand.



C

The pump housing can be taken out.

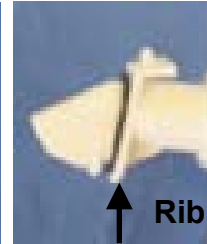
Inside view, nozzle (2) has to be taken out. Can be pulled down.



D

Complete pump housing can be removed from toilet.

Bring nozzle from new pump back into the hole and press it up (you will hear a click). **Note** : Rib on nozzle has to go through the hole, to the inside of the toilet bowl.



Rib inside

→ Toilet bowl

E

Inside view.

The pump housing can be placed.



F

Turn the lug (1) on the housing, against the lug (2) on the actual Cassette toilet.

Push the flush cap manually back into the pump housing.



Repair instruction

Description: C4 Pump parts

Part number: Inlet tube 21066 Flush tube 20292-62 Bellow 21065

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

Version: V1

Date: 20/06/2006

Tools required: -

A

C4 Toilet.



B

Lift the flush cap (1) up with your finger.



C

Push cylinder (2) down and turn it to the left to take it out. After this, the bellow cap (3) and housing (4) can be taken out.



D

The pump housing can be taken out.



E

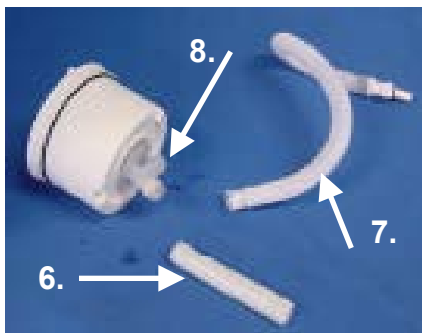
Inside view, nozzle (5) has to be taken out. Can be pulled down.



Complete pump housing can be removed from toilet.

F

Inlet tube (6), Flush tube (7) or Bellow (8) can now be replaced.



Note : Inlet tube and Flush tube can easily be replaced by pulling of the part and Press the new part on. For replacing the Bellow see following instructions.

G

Bellow is fitted into the housing with PTI (sealant). Depress bellow firmly loose (1) and pull it out (2).



H

When placing the new bellow, hold the parts in position as on the photo. Lug on the housing has to be on the right side.



Press the bellow into the housing.

I

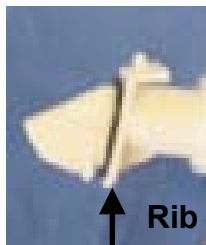
assemble inlet tube.



assemble flush tube.

J

Bring nozzle back into the hole and press it up (you will hear a click). **Note:** rib on nozzle has to go through the hole, to the inside of the toilet bowl.



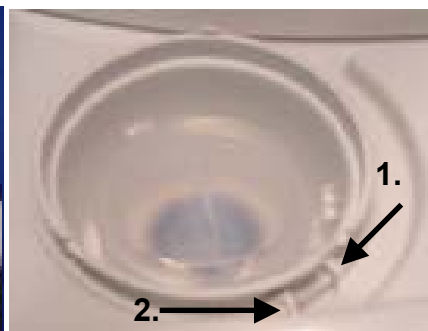
Rib inside

→ Toilet bowl



K

The pump can be placed.



Turn the lug (1) on the housing, against the lug (2) on the actual Cassette toilet.

L

Replace the bellow cap.

Cylinder can only be pressed in one way (single rib has to face the backside of the toilet).



M

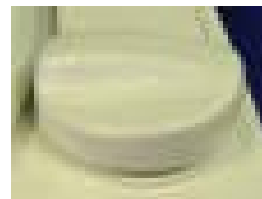
1. Press the cylinder down.

2. Rotate to lock the cylinder.



N

Push the flush cap manually back into the pump housing.



A.



B.

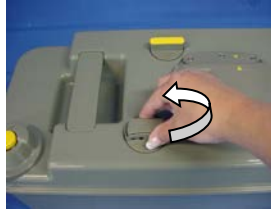
Hold the waste tank in the same position as on photo A, turn the automatic vent to the left and take it out.



↑

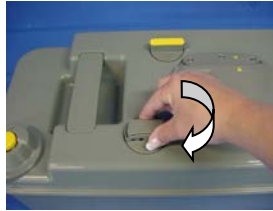
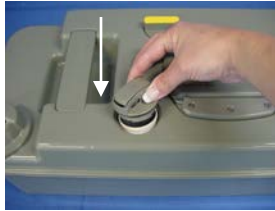
Turn from

to



C.

Place new automatic vent in the waste tank and turn it to the right to lock it in the waste tank.

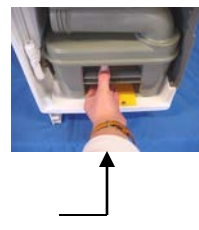


21370 Drain tube LH

A.

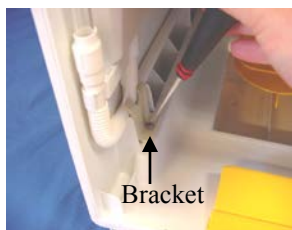


Pull the waste tank out of the Cassette toilet by lifting up the yellow clip.



B.

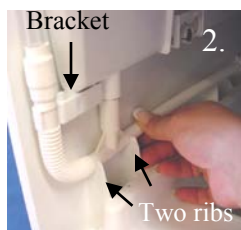
Unscrew the bracket and take it out.



Drain tube has to be pulled out on four places :

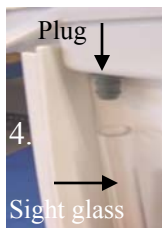
C.

1. In the middle (lift up and pull the tube inside the Cassette)
2. In the front (take tube out of the bracket and pull the tube over the two ribs)



D.

3. In the back (pull the tube over the rib)
4. Pull sight glass of plug.



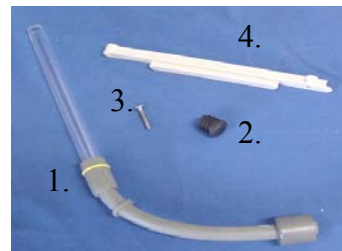
Note: Some force may be needed to take the drain tube out

E.



Will be replaced by :

1. Drain tube + clamp collar
2. Blind plug
- * 3. Screw
- * 4. Linkage

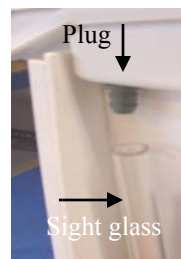


* Screw and linkage only have to be used when the toilet has been produced before November 1992. **Production date** can be found on the identification label, on the bottom of the waste tank.

Model : C2 LH
No. : 1631862 GO 7
Code : 990706

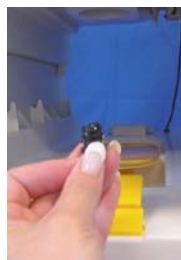
F.

Push drain tube (1) into the water tank and push clamp collar over the tube. Place sight glass in the plug and press drain tube into the bracket.



G.

Press blind plug (2) into the hole at the back.



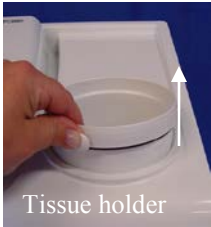
***Underneath instructions only have to be followed if the Cassette toilet has been produced before November 1992 (see identification label). As otherwise water will stay in during winterizing, the pump will be moved to the left side of the level indicator (from A to B). The distance from A to B will be around 10cm. Outside view ———>**



H. Take tissue well and tissue holder out to get to the location of the pump.



Tissue well



Tissue holder



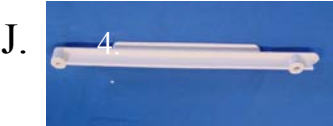
Pump retainer



I. Unscrew the screw on the pump retainer and take complete pump out of the water tank.

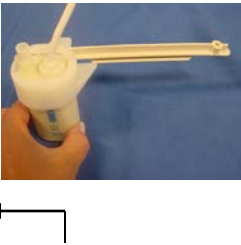
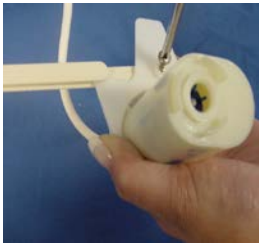


Disconnect the flush tube from the pump.



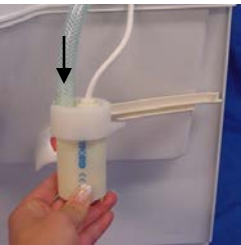
Nr. 3 (screw) and 4 (linkage) are in the package.
Nr. 5 is the screw from the pump (see I, photo 1).

K. Place the linkage above the pump retainer and screw the two together from the underside upwards with screw nr.5.
Note: make sure that the linkage is placed on the pump retainer as positioned on the photo with nr.4 (J).



****As the screwing may need some force, be careful for injuries on hands and fingers.**

L. Connect flush tube back onto the pump and place the pump on the left side of the level indicator and screw the linkage on the place where the pump was assembled in the first place. Screw nr. 3 has to be used.

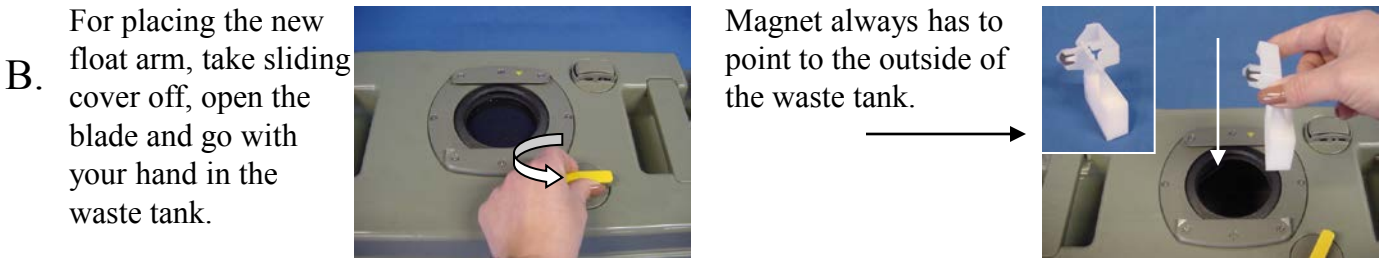
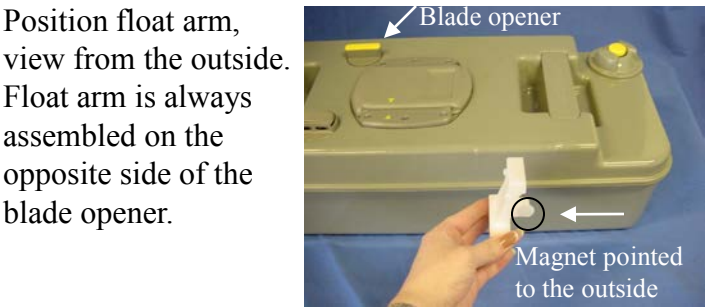
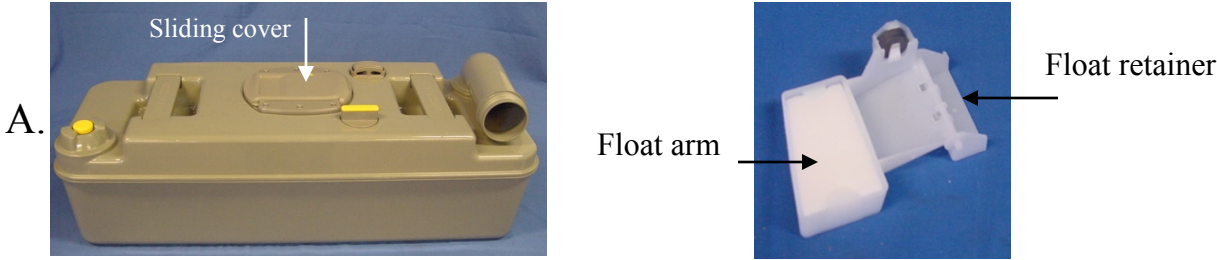


M. Place tissue holder and tissue well back into the water tank.

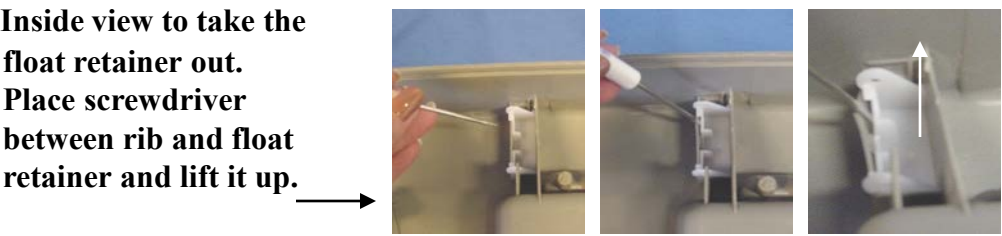


21322 Float arm

1. Cassette C2/C3/C4

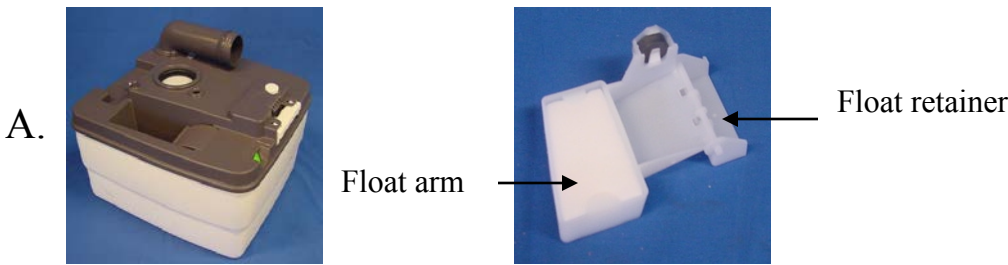


Note : If the float retainer is still in the waste tank (float arm has fallen off), the new float arm can not be assembled. Float retainer has to be taken out first. This can be done with a small flat screwdriver. As the waste tank is welded, this can only be done through the hole in the middle.

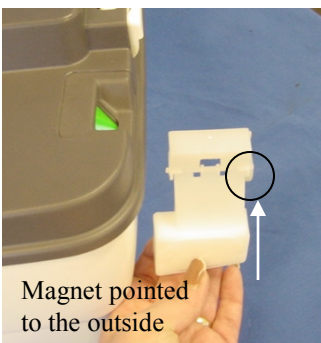


21322 Float arm

2. Porta Potti



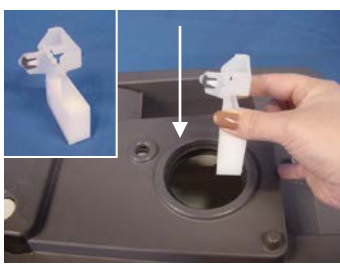
Position float arm,
view from the outside.



B. For placing the new float arm, open the blade and go with your hand in the waste tank.

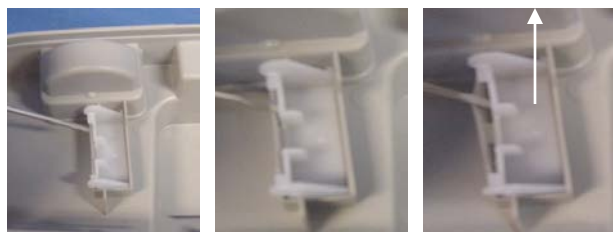


Magnet always has to point to the outside of the waste tank.



Note : If the float retainer is still in the waste tank (float arm has fallen off), the new float arm can not be assembled. Float retainer has to be taken out first. This can be done with a small flat screwdriver. As the waste tank is welded, this can only be done through the hole in the middle.

Inside view to take the float retainer out.
Place screwdriver between rib and float retainer and lift it up.




C. Inside view waste tank.



Press the float retainer in.



16374 Pump

- A. 
- Tools which are needed :
1. Screwdriver (crosshead)
 2. Stanley knife
 3. Combination pliers
 4. Wire-stripper
 5. Connector pliers
 6. Hot-air gun



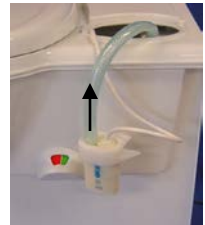
- B. Take tissue well and tissue holder out to get to the location of the pump.



- C. Unscrew the screw on the pump retainer and take complete pump out of the water tank.



Disconnect the flush tube from the pump.

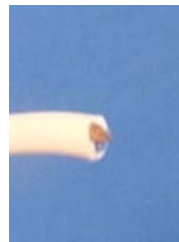


- D. 1. Pump
2. Pump retainer
3. Shrinktube

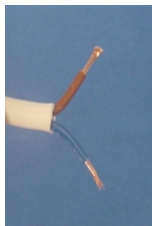
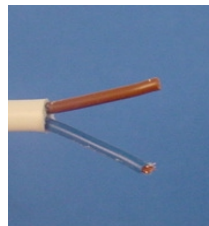
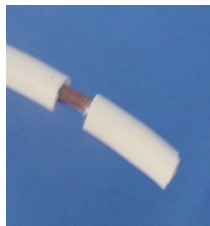
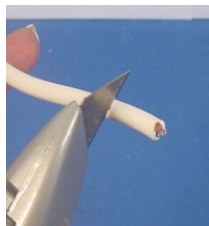


Note : Cassette toilets produced between 1987 and 1989 have two black connectors on the white cable. If this is the case, the white cable has to be cut above the black connector. Both connectors have to be taken off.

- E. Cut the cable just above the pump with the combination pliers.



- F. Cut the white wire insulation off so that the blue and brown wire stay intact and strip the blue and brown wire with the wire-stripper.



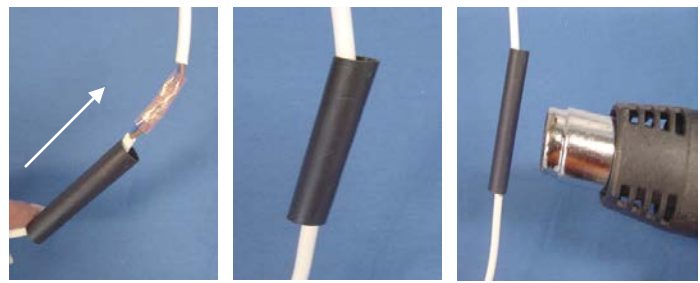
- G. Place the pump retainer and shrinktube on the new pump before



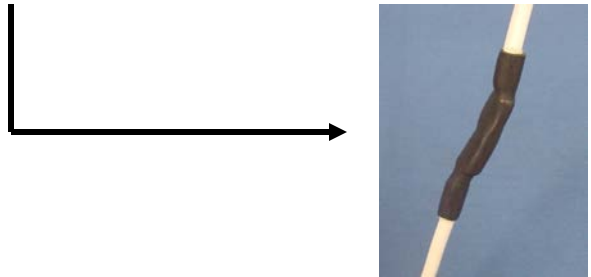
connecting the wires to each other (blue-blue/brown-brown) with the connector pliers.



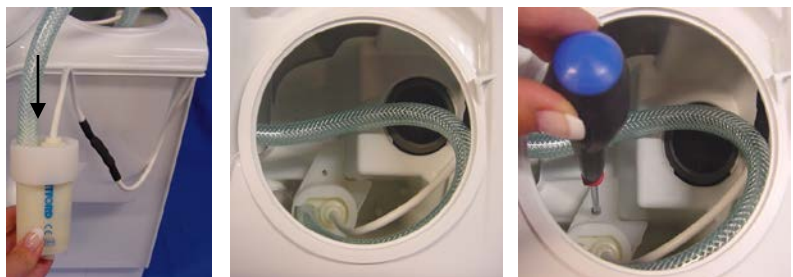
- H. Place the shrinktube over the connected wires and melt the shrinktube with the hot-air gun.
*Melting the shrinktube will prevent that the connected wires will come in contact with the water in the water tank.
Note : When melting the shrinktube make movements from left to right so that the shrinktube can melt gradually.



CAUTION : Make sure that the shrinktube is melted completely to the white wire insulation as otherwise a short circuit can occur.
Also keep in mind that the shrinktube should not be touched after melting, because of burning.



- I. Connect flush tube back onto the pump and screw the pump back into the water tank.



- J. Place tissue holder and tissue well back into the water tank.



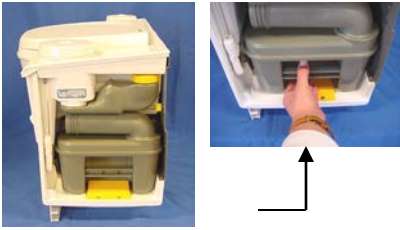
16381-74 Waterfill Funnel

Material needed

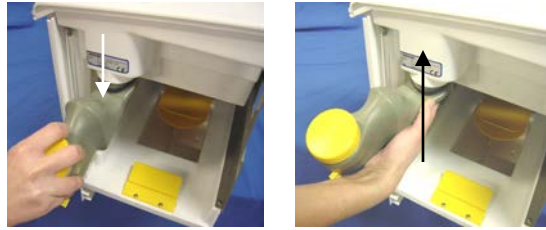


Replace instruction

A.



Pull the waste tank out of the Cassette toilet by lifting up the yellow clip.



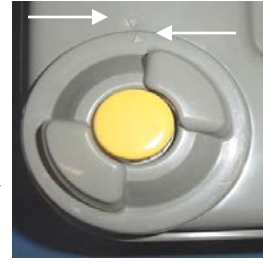
Push the waterfill funnel down and, press the new waterfill funnel into the water tank.

16176-74 Vent plug / 07524-78 Vent button

A.



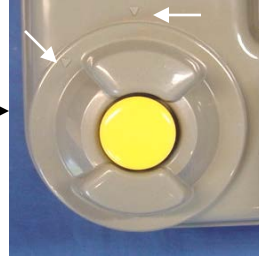
When the vent plug is locked into the waste tank, the two arrows (one on the waste tank and one on the vent plug) has to be pointed to each other.



B.

Turn the vent plug away from the arrow on the waste tank (can only be turned one way) and lift it up.

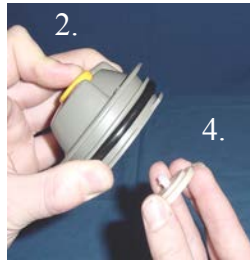
Note : some force may be needed to take the vent plug out.



*Vent plug can now be replaced. If the vent button has to be replaced, please follow underneath instructions.

C.

Press the vent button in and pull the seal retainer loose.



1. Vent plug
2. Vent button
3. Spring
4. Seal retainer



D.

Place new spring and vent button in the vent plug and push the new seal retainer in.

Note : Press the vent button in while assembling the new seal retainer.



E.

Place vent plug back into the waste tank and turn the two arrows back to each other



Repair instruction

Description: SC234/200 Seal automatic vent

Part number: 21528

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

Version:

1

Date:

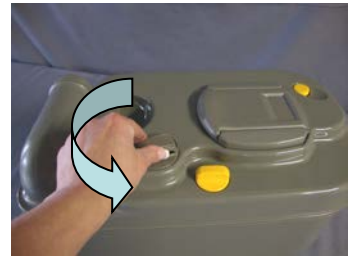
April 2010

Tools required:

-

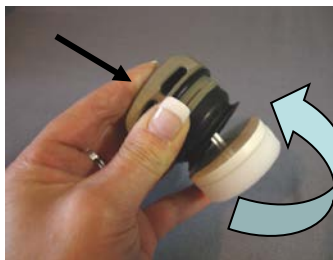
A

Turn automatic vent and take it out completely.



B

Press upper automatic vent in, so that the foam can be taken off. This can be done by turning.



Now take both seals off.



C

Follow steps in reverse for assembling the new seals.

Repair instruction

Description: SC200 Lock waterfill door

Part number: 23790-57/58/80/84

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

Version:

1

Date:

April 2010

Tools required:

-

A

Open the waterfill door.



B

Take the screw on the pawl out. After this, take two screws out of the housing.



C

Take housing off and complete lock out.



D

For assembling new lock, follow steps in reverse.

Repair instruction

Description: SC200CW Pump retainer

Part number: 23845

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

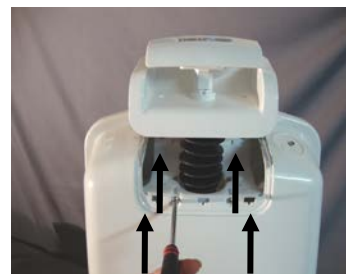
Version:	1
Date:	April 2010
Tools required:	Flat screwdriver



A

Pull handle up and take the two screws out.

After this, take the four screws out.



B

To allow the kit becomes loose, use a flat screwdriver. Note: Place a towel between the watertank and flush mechanism to avoid damages.



C

Make the vacuum breaker loose from the pump by pressing the clip. Take now complete pump out of the watertank.



D

Remove the tube from the pump.



E

Press pump retainer loose from the pump, is connected on three points.



Place new pump retainer and press it back onto the pump.



F

For assembling the complete pump back into the watertank, follow the steps in reverse.

Repair instruction

Description: SC200 Saddle bracket

Part number: 23848

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

Version:	1
Date:	April 2010
Tools required:	Cross headed screwdriver

A

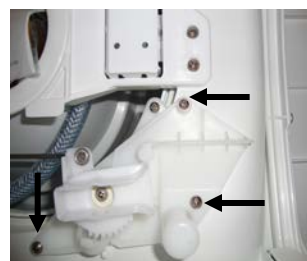
Remove waste holding tank out of the toilet.



B

Take 3 screws out of the saddle bracket.

For location screws see second photo. Note: photo is upside down.



C

Push retaining ring, which is holding the bracket and shaft together loose. Shaft needs to be separated from bracket.



Repair instruction

Description: SC200/400 Tank Lock clip

Part number: 2384978/5180116

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

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

A

Turn the waste-holding tank upside down, place flat screwdriver under clip and lift it up gently.



B

Take complete clip out and press new lock clip in.



D

Take screw out where the link is connected with the handle, and take complete handle with shaft out (this needs to be done inside the vehicle).



Handle can now be disconnected from the link.



E

Place new saddle bracket from the inside so the shaft can be connected to the handle again.



F

Place black seal and connect link to the handle. Now place handle back in its position.



G

Place screw back into handle, following three screws in saddle bracket.

