

## Repair instruction

**Description:** C4 Flush mechanism

**Part number:** 21066 Inlet tube / 20292-62 Flush tube / 21065 Bellow/2029162 Flush mechanism

**Look for Service Centers, Point of Sale addresses and other information on:**  
[www.thetford.eu](http://www.thetford.eu)

<b>Version:</b>	V2
<b>Date:</b>	05/09/2011
<b>Tools required:</b>	

### 1. 21066 Inlet tube / 20292-62 Flush tube / 21065 Bellow

**A**

Lift the flush cap up with your finger (1)



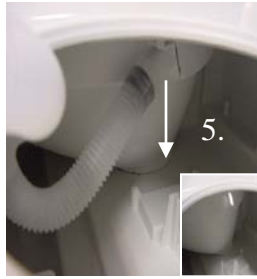
**B**

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.

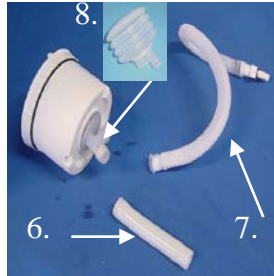


C

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



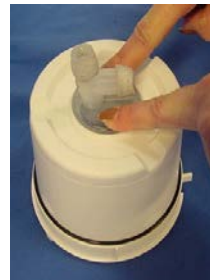
Inlet tube (6),  
Flush tube (7) or  
Bellow (8) can now  
be replaced



**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.

D

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



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.

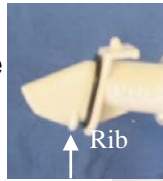


Press the bellow into the  
housing and, assemble inlet  
tube and flush tube.

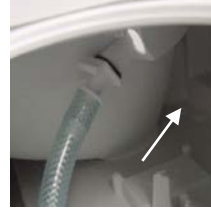
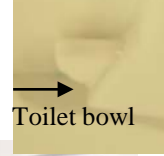


E

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.

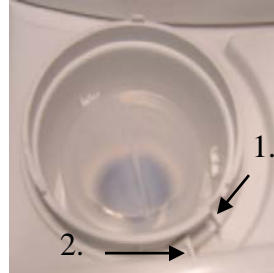


Rib inside



F

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

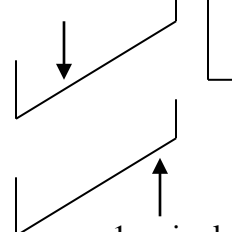


G

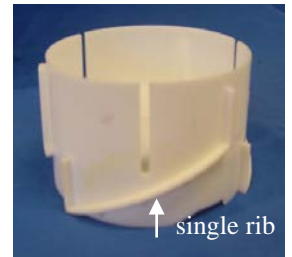


Cylinder can only be pressed in one way (single rib has to face the backside of the toilet).

2 x double rib



1 x single rib



H



Push the cylinder in and turn it to the right.



## 2. 2029162 Flush mechanism

A

Lift the flush cap up with your finger (1)



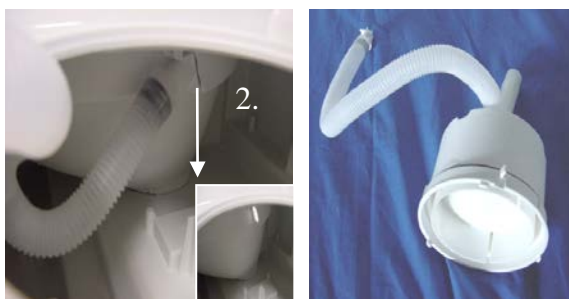
B

Flush mechanism can be pulled out by hand.



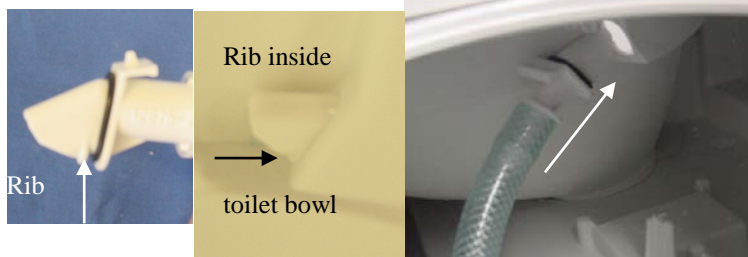
C

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



D

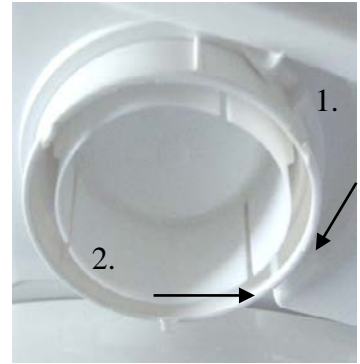
Bring nozzle from new flush mechanism back into the hole and press it up (you will hear a click).  
**Note :** Rib on nozzle has to go through the hole, to the inside of the toilet bowl.





E

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



## Repair instruction

**Description:** Blade fuse 3 Amp C2/C3 (toilets produced after June 1994)

**Part number:** 21766

Look for Service Centers, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)

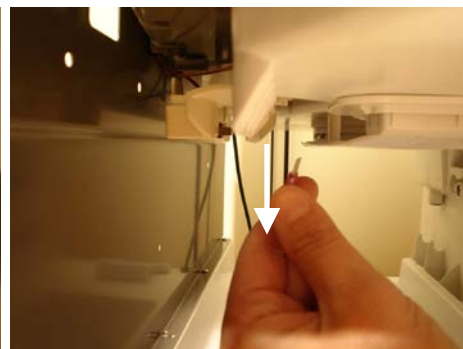
<b>Version:</b>	V2
<b>Date:</b>	13/07/2006
<b>Tools required:</b>	-

**A**

C2/C3 Toilet.

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

Remove the blade fuse.



**B**

Replace the new blade fuse

Replace the waste tank in the cassette.



## Repair instruction

**Description:** C2 C3 (produced after June 1994) Blade fuse 3 amp

**Part number:** 21766

Look for Service Centers, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)

**Version:** V2

**Date:** 13/07/2006

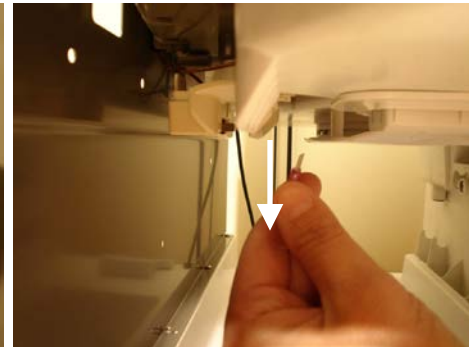
**Tools required:** -

**A**

C2/C3 Toilet.

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

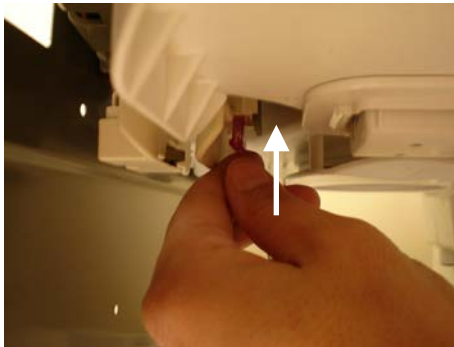
Remove the blade fuse.



**B**

Replace the new blade fuse

Replace the waste tank in the cassette.



## Repair instruction

**Description:** C2 C3 C4 (produced after 15 June 2000) Lip seal

**Part number:** 23721

Look for Service Centers, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)

**Version:**

V2

**Date:**

13/07/2006

**Tools required:**

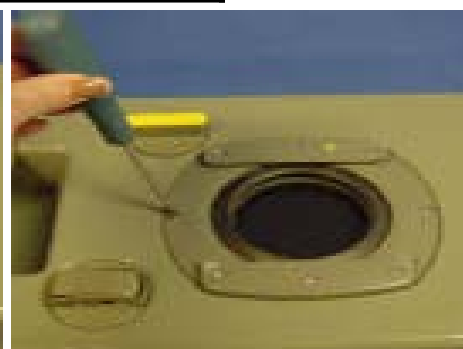


**A**

Remove the sliding Cover.



Sliding cover



**B**

Place new lip seal on the waste tank.  
**Note:** Thinner flange has to face downwards towards the blade.



Thinner flange

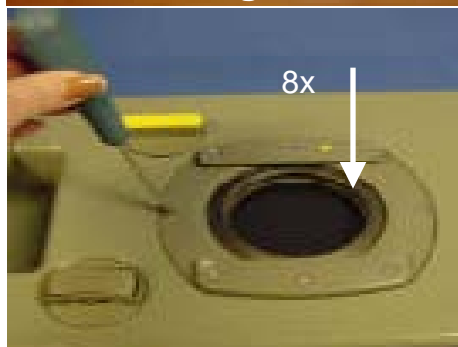


Place the lip seal on the waste tank.

**C**

Screw the seal cover back onto the waste tank.

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



8x



13/07/2006

Description: C2 C3 C4  
(produced after 15 June  
2000) Lip seal

1





## Repair instruction

**Description:** C2 C3 C4 (produced until 15 June 2000) Lip seal

**Part number:** 16175

Look for Service Centers, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)

**Version:** V2

**Date:** 13/07/2006

**Tools required:** 

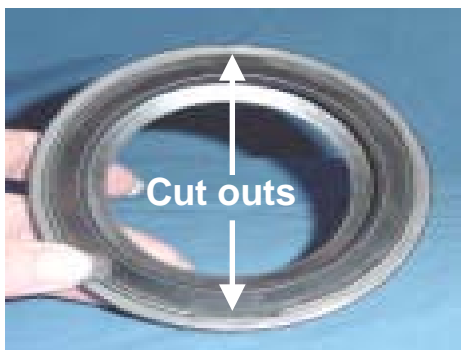
**A**

Unscrew the 8 screws on the seal cover and, take the seal cover off.



**B**

Ensure the two cut outs on the seal face upwards and line up with the two centre screws of the three positioned on either side of the seal cover.



**C**

Replace the seat cover.



13/07/2006

Description: C2 C3 C4  
(produced until 15 June  
2000) Lip seal

1

## 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](http://www.thetford-europe.com)

<b>Version:</b>	V2
<b>Date:</b>	13/07/2006
<b>Tools required:</b>	-

**A**

Holding tank  
C2/C3/C4/C200



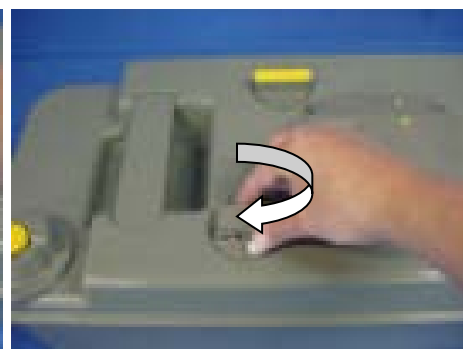
**B**

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](http://www.thetford-europe.com)

<b>Version:</b>	V2
<b>Date:</b>	13/06/2006
<b>Tools required:</b>	

**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.

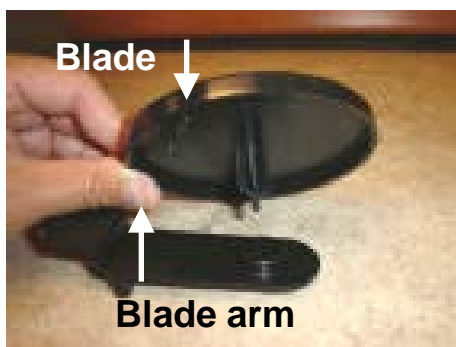
Take the seal cover off.



**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**

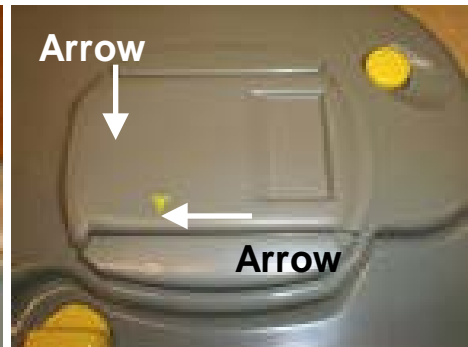
Place the lip seal on the waste tank.

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](http://www.thetford-europe.com)

**Version:** V2

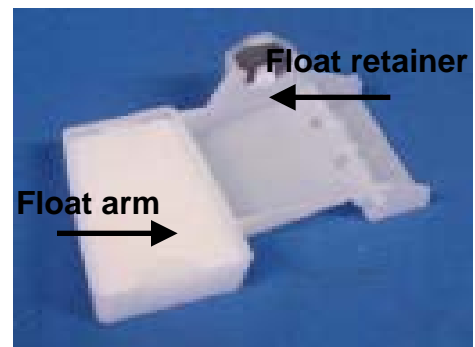
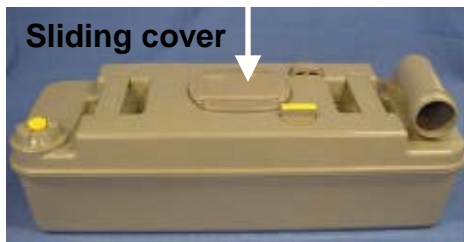
**Date:** 17/07/2006

**Tools required:**



**A**

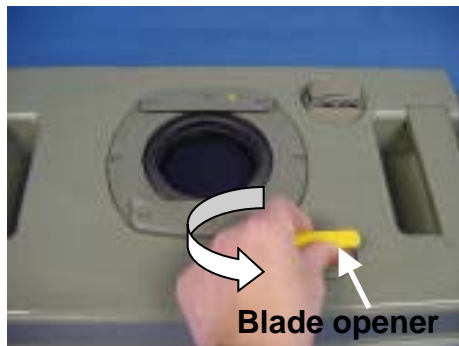
Remove the sliding cover.



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.

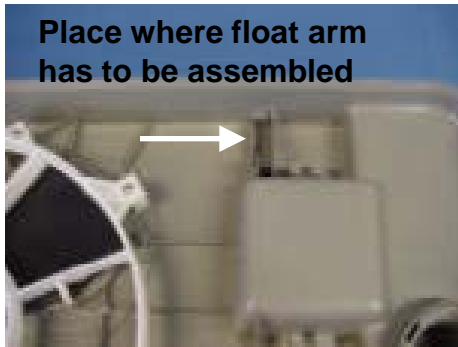
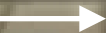




D

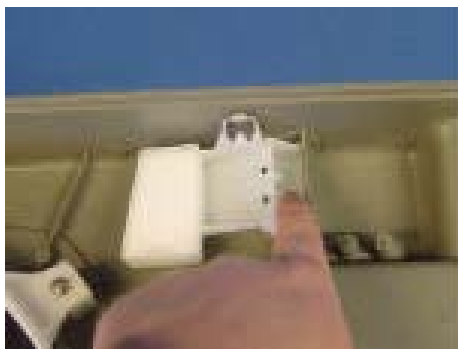
Place the new float arm.

**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](http://www.thetford-europe.com)

<b>Version:</b>	V1
<b>Date:</b>	17/01/2007
<b>Tools required:</b>	-

**A**

Waste tank C2 C3 C4.

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



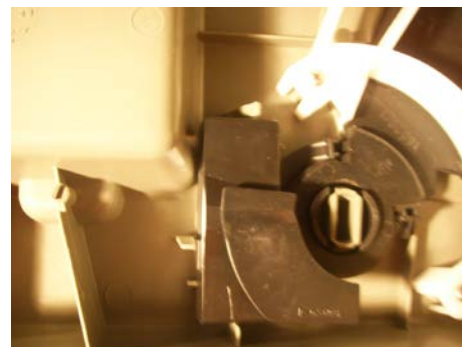
**B**

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](http://www.thetford-europe.com)

**Version:**

V1

**Date:**

17/01/2007

**Tools required:**



**A**

C2 C3 C4 toilet.

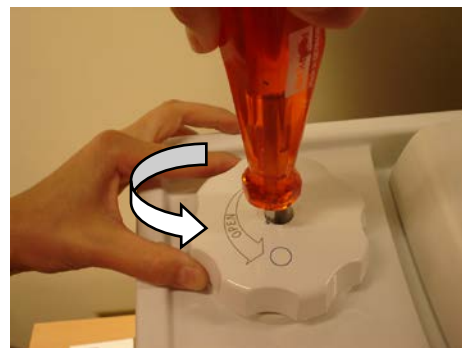
Pull the waste tank out of the toilet by pushing down on the yellow clip.



**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.

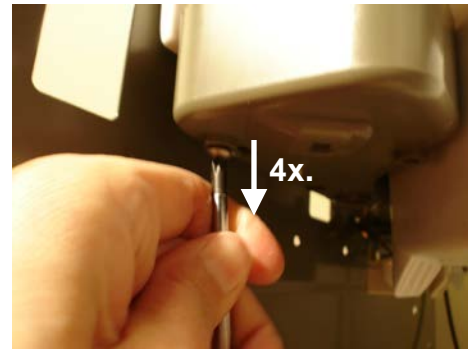
Remove the spring.



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.

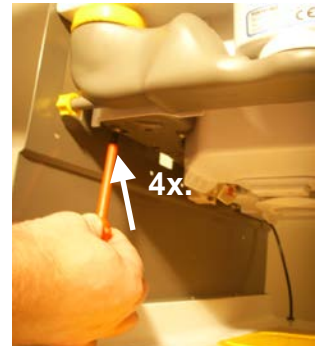
Replace the new crank.



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](http://www.thetford-europe.com)

**Version:** V2

**Date:** 13/07/2006

**Tools required:** 

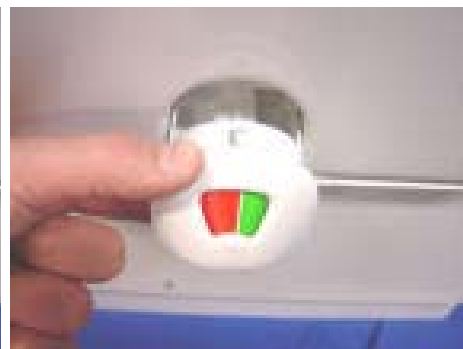
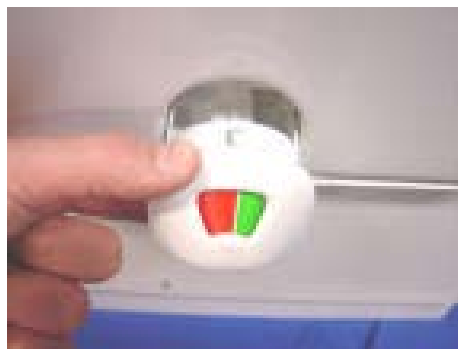
**A**

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](http://www.thetford-europe.com)

**Version:**

V1

**Date:**

17/01/2007

**Tools required:**



**A**

C2 C3 C4 toilet.

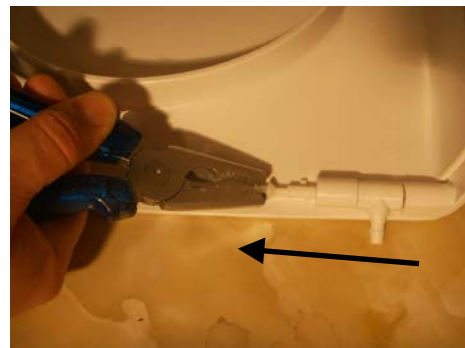
Lift the hinge post up with a flat screwdriver. **Note:** protect the toilet against damages with a cloth.



**B**

Lift the seat and cover up.

Pull out the two hinge pins with the pliers.

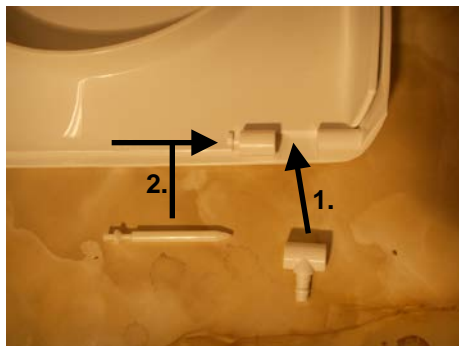


**C**

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](http://www.thetford-europe.com)

**Version:** V2

**Date:** 23/05/2006

**Tools required:** 

**A**

C2/C3/C4 toilet.

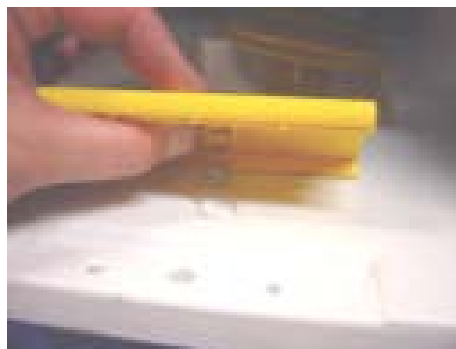
Pull the waste tank out of the toilet by lifting up the yellow clip.



**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](http://www.thetford-europe.com)

**Version:** V1

**Date:** 29/05/2006

**Tools required:** -

**A**

Waste tank C2 C3 C4.



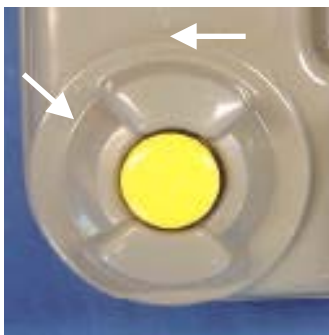
**B**

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**

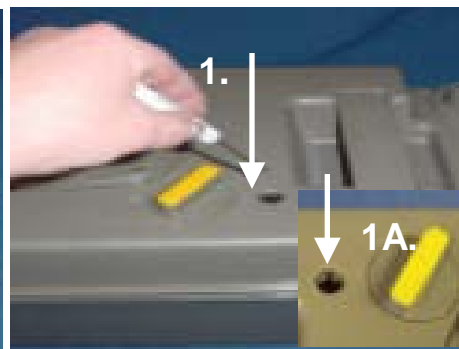
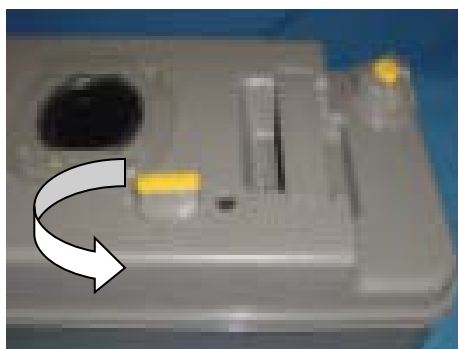
**Part number: 20339**

Look for Service Centers, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)

<b>Version:</b>	V1
<b>Date:</b>	15/06/2006
<b>Tools required:</b>	 

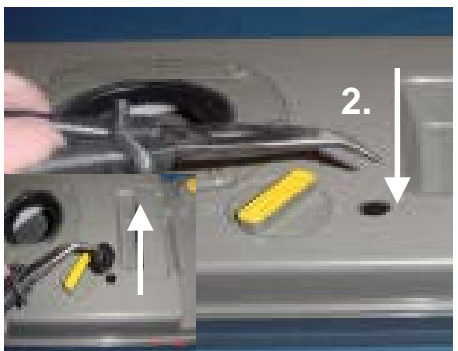
**A**

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

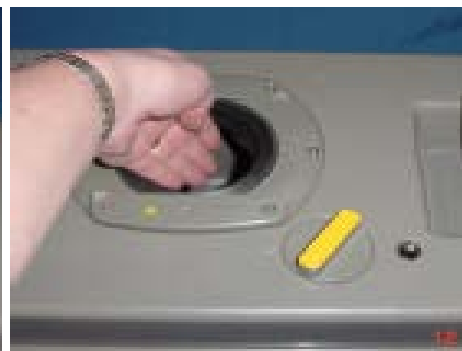


Float

D

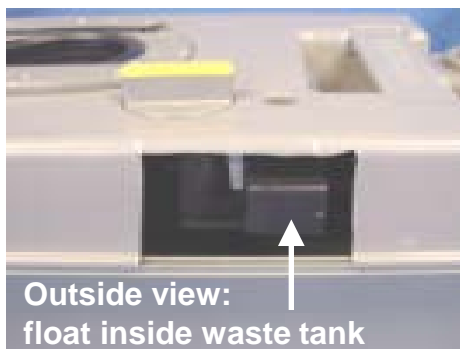
Depress the vent seal through the hole, from the outside. **Note:** Make sure that the vent seal is lying in the middle of the hole, when looking from the top.

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](http://www.thetford-europe.com)

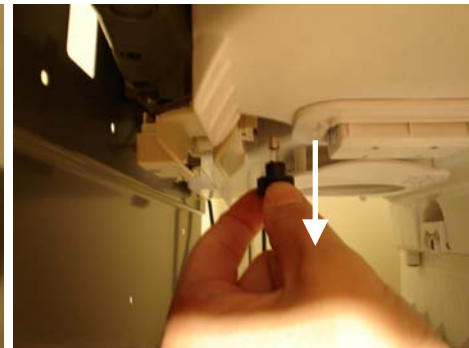
<b>Version:</b>	V1
<b>Date:</b>	08/05/2006
<b>Tools required:</b>	-

**A**

C2/C3 Toilet.

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

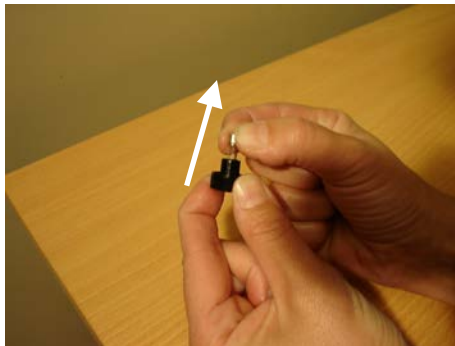
Unscrew the cap fuse holder.



**B**

Move the glass fuse from the cap fuse holder.

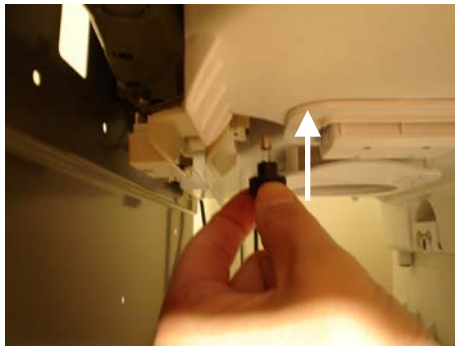
Place the new glass fuse back into the cap fuse holder.



**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](http://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.



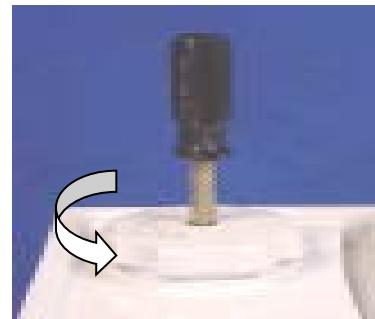
**B**

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).

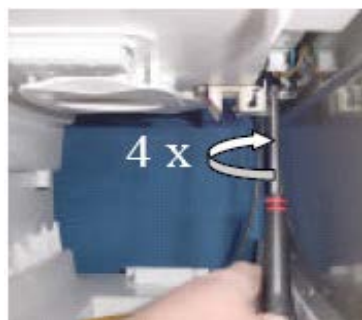
Remove the four screws located on the mechanism, allowing it to drop down. **Note:** On Cassette toilets which are produced between 1987 and 1989, 5 screws should be removed.

**F**

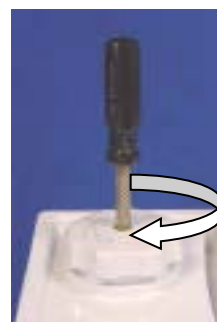
Pull the white connector loose from the mechanism, and press the connector into the new mechanism.

**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](http://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.

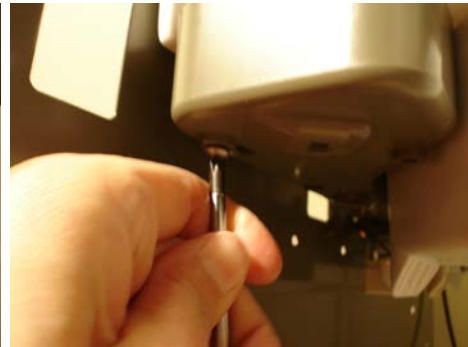
Remove the plug from the flush knob with a flat screwdriver.



**B**

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

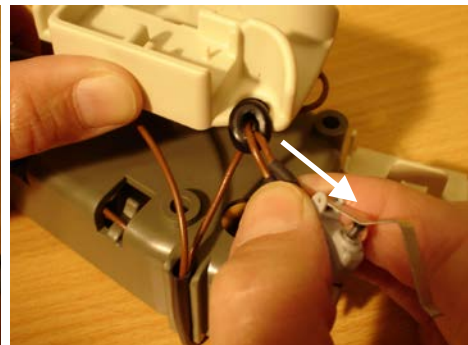
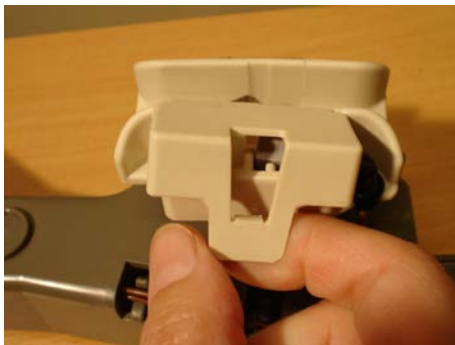
Remove the four screws from the mechanism inside the toilet.



**C**

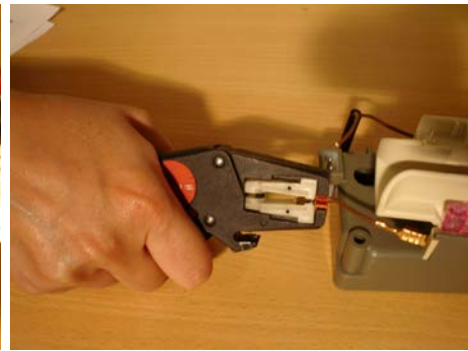
Remove the switch cover.

Pull out the cable from the saddle.



D

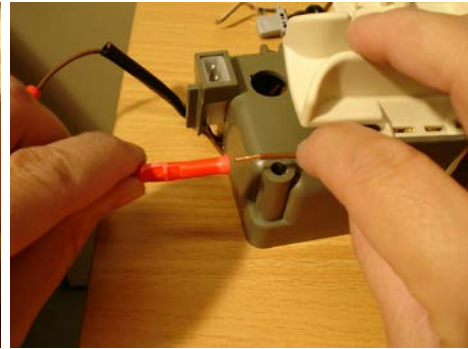
Cut the two cables from the switch.



Strip the both wires with a wire stripper.

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](http://www.thetford-europe.com)**

**Version:** V1

**Date:** 17/01/2007

**Tools required:** -

**A**

C2 C3 toilet.

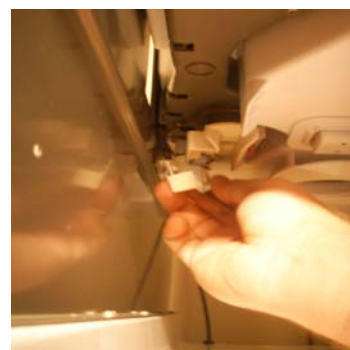
Pull the waste tank out of the toilet by pushing down on the yellow clip.



**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](http://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.

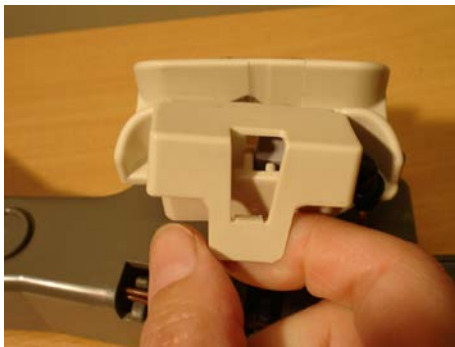
Remove the four screws from the mechanism inside the toilet.



**C**

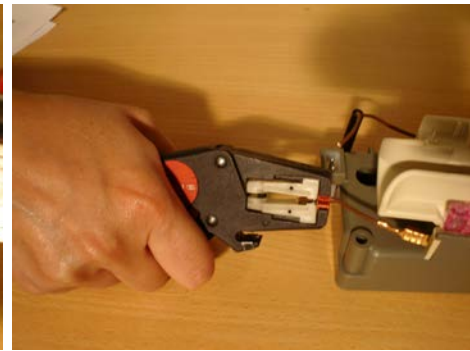
Remove the switch cover.

Pull out the cable from the saddle.



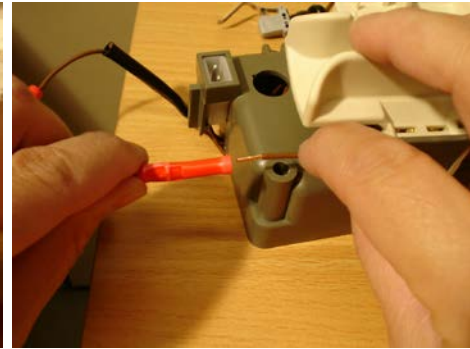
D

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](http://www.thetford-europe.com)

<b>Version:</b>	V1
<b>Date:</b>	22/01/2007
<b>Tools required:</b>	  

**A**

C2/C3 Toilet.

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

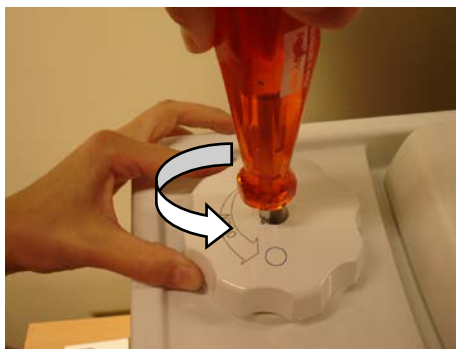
Remove the plug from the flush knob with a flat screwdriver.



**B**

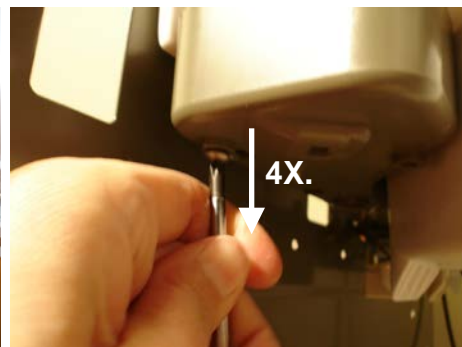
Remove the screw in the flush knob with a long Philips screwdriver.

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



**C**

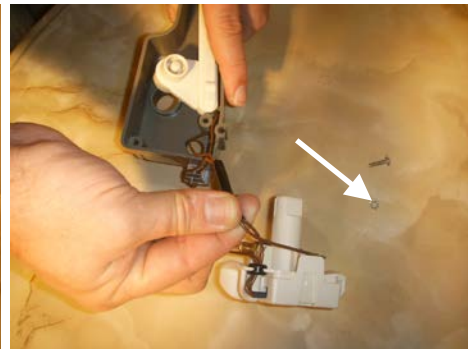
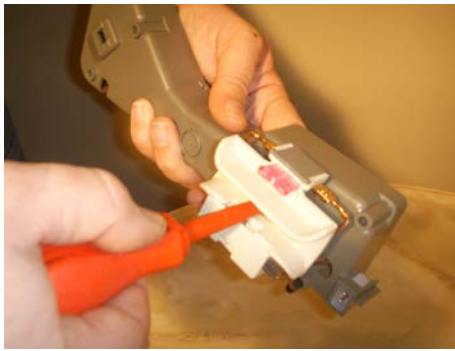
From inside the toilet remove the four screws from the mechanism.



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.

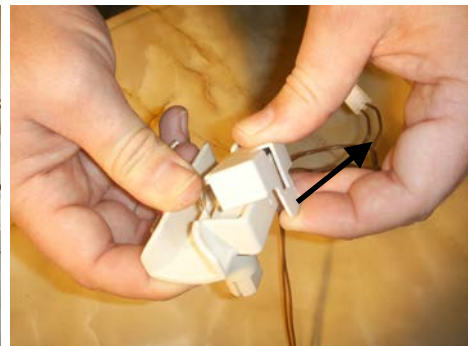
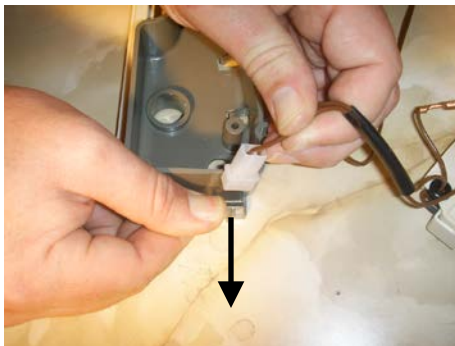
Remove the wiring harness from the clips.



G

Remove the white connector by pulling the clip.

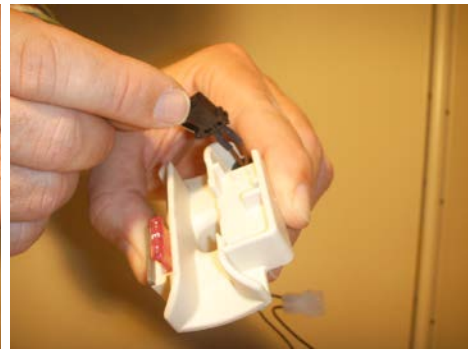
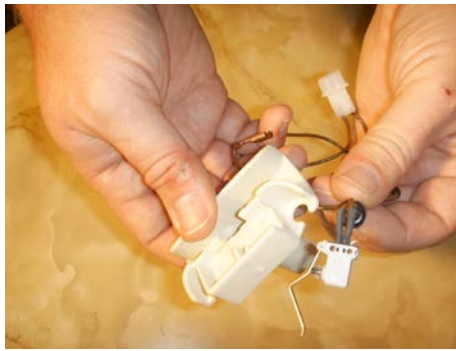
Remove the switch cover by pulling the clip.





H

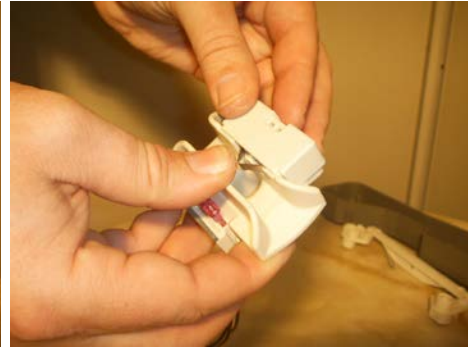
Remove the cable and switch from the saddle bracket.



Place the new wiring harness switch into the saddle bracket.

I

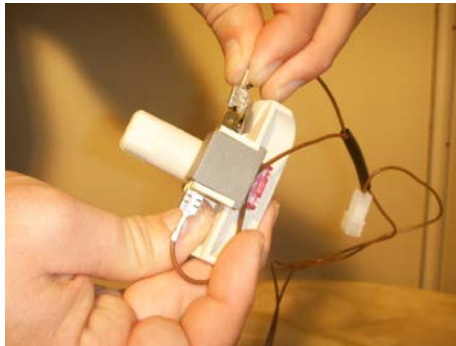
Position the switch as shown in the picture.



Replace the switch cover.

J

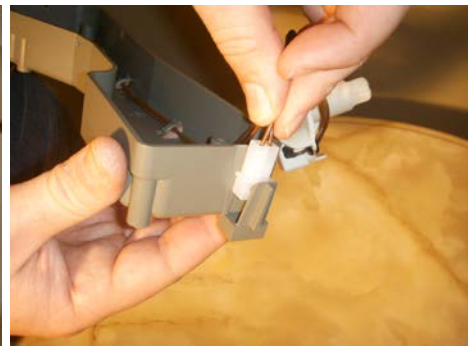
Replace wiring shoes on to the saddle bracket.



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.

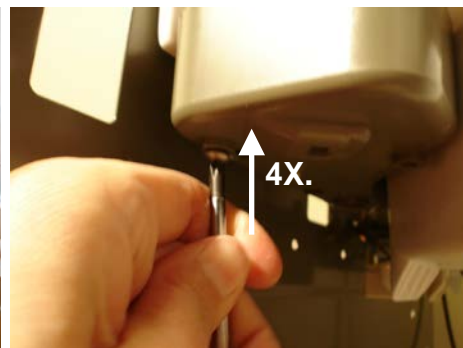


O

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](http://www.thetford-europe.com)

**Version:** V1

**Date:** 15/06/2006

**Tools required:** 

**A**

C2/C4 Toilet.

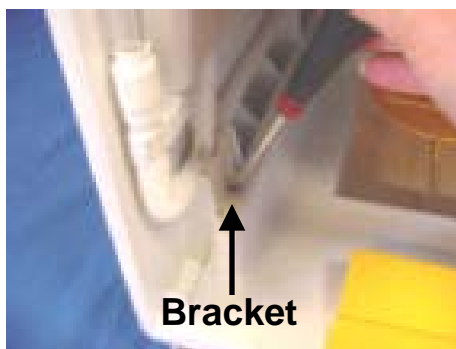
**Note:** when the toilet has been produced after November 1992. start with section D.

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



**B**

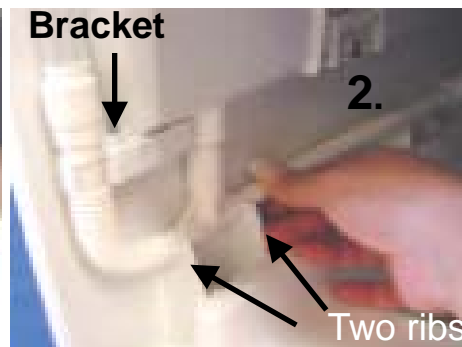
Unscrew the bracket and take it out.



**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

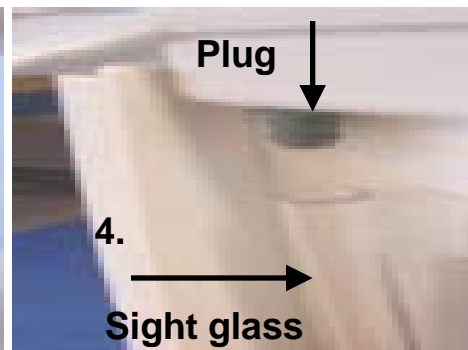
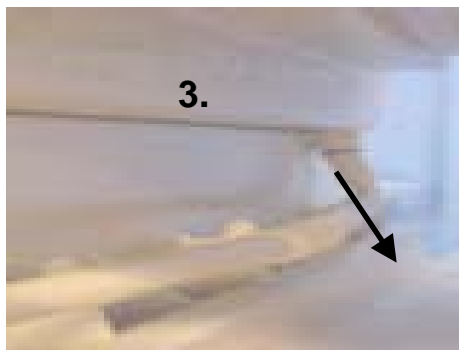
1



D

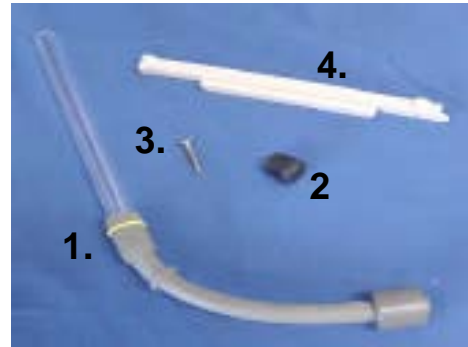
3. In the back (pull the tube over the rib).  
**Note:** Some force may be needed to take the drain tube out.

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](http://www.thetford-europe.com)

<b>Version:</b>	V2
<b>Date:</b>	13/07/2006
<b>Tools required:</b>	-

**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](http://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**



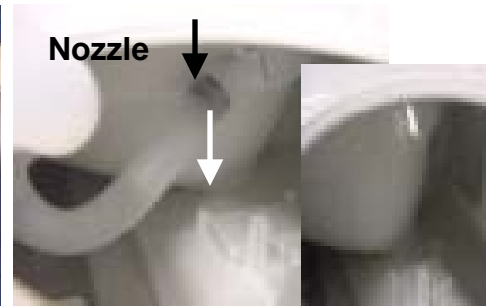
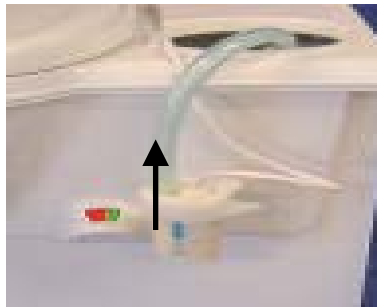
08/05/2006

Description: C2 Flush tube

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

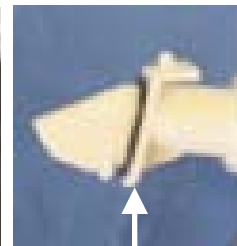
**D**

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.

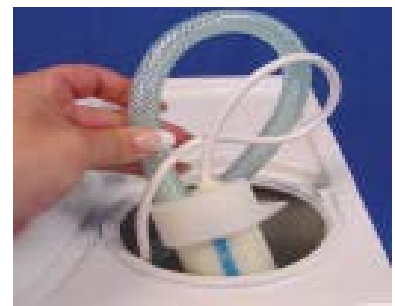
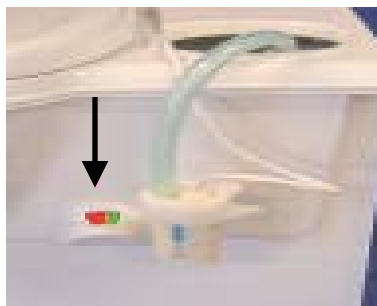


**Rib inside**

**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](http://www.thetford-europe.com)

<b>Version:</b>	V1
<b>Date:</b>	05/05/2006
<b>Tools required:</b>	

**A**

C2 toilet.

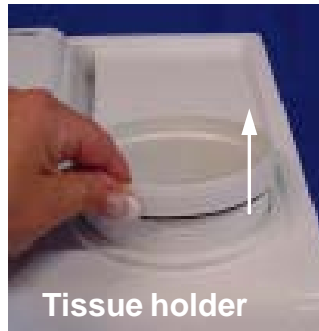


Tissue well

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**

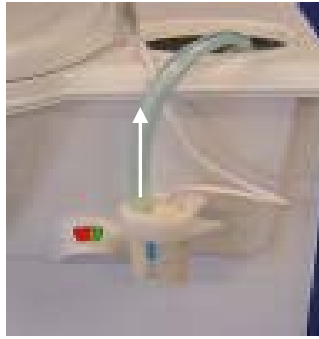
Unscrew the screw on the pump retainer and take complete pump out of the water tank.





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](http://www.thetford-europe.com)

**Version:** V1

**Date:** 23/05/2006

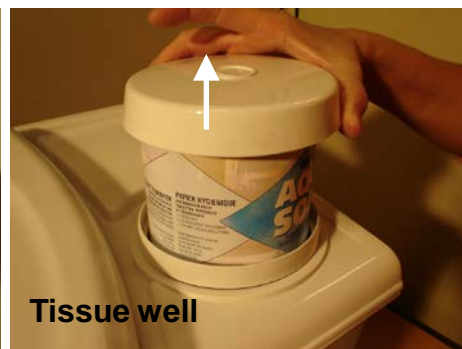
**Tools required:** -

**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

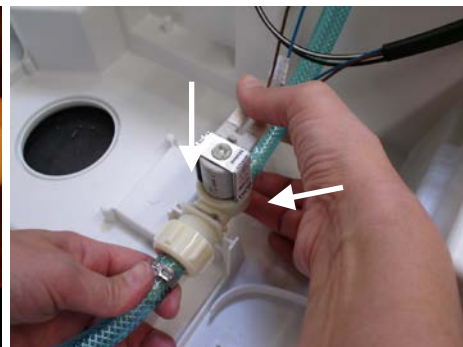
Replace the hose nut on the new electric valve.



Replace the connectors on the 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](http://www.thetford-europe.com)

**Version:** V1

**Date:** 23/05/2006

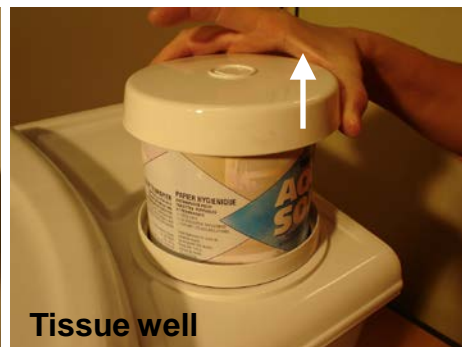
**Tools required:** -

**A**

C3 toilet.



Take the tissue well out.



**Tissue well**

**B**

Take the tissue holder out.



Inside view.

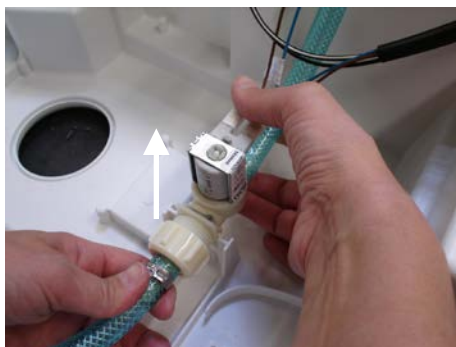
**Tissue holder**



**C**

Push up the cable-assy.

Pull the nozzle (inside the toilet) down.



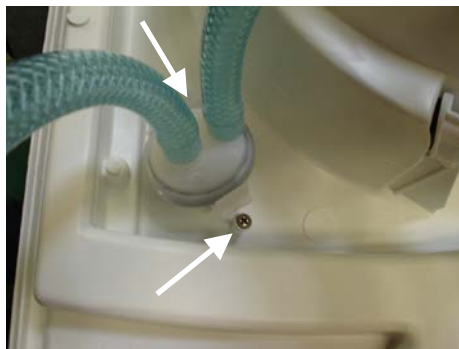
23/05/2006

Description: C3 Flush tube

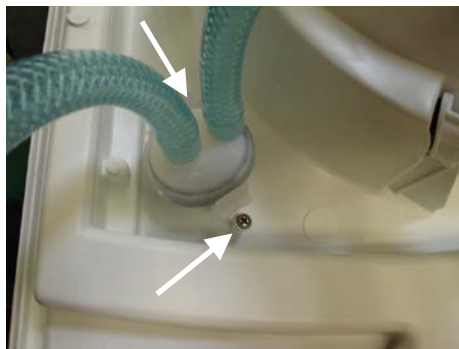
**D**

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](http://www.thetford-europe.com)

**Version:** V1

**Date:** 29/05/2006

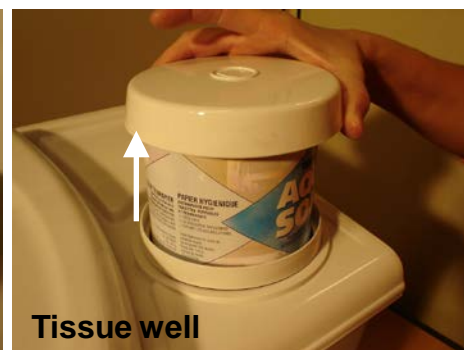
**Tools required:** 

**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](http://www.thetford-europe.com)

**Version:** V1

**Date:** 23/05/2006

**Tools required:** -

**A**

C3 Toilet



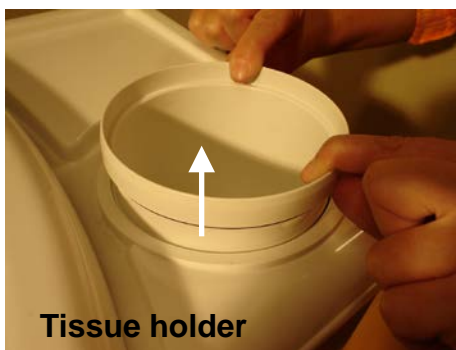
Take tissue well out.



**Tissue well**

**B**

Take tissue holder out.



**Tissue holder**

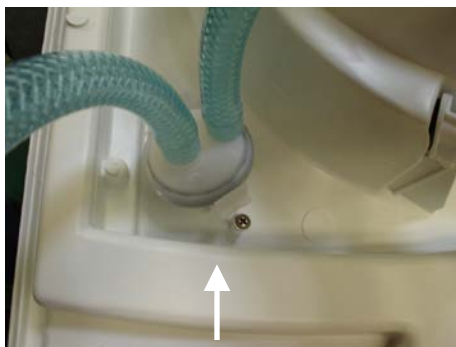
Inside view.



**C**

Remove the vacuum breaker by pressing against the upstanding.

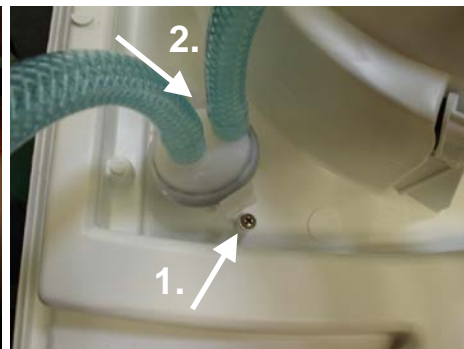
Remove the two tubes from the vacuum breaker.



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](http://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.

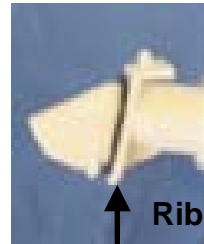
Inside view, nozzle (2) has to be taken out. Can be pulled down.



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.

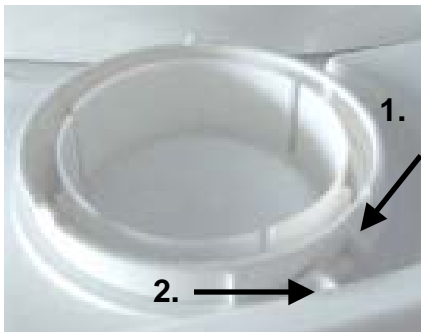
The pump housing can be placed.



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](http://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

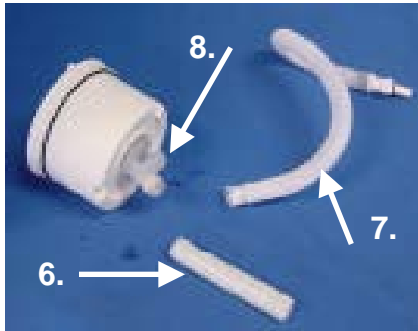
Inside view, nozzle (5) has to be taken out. Can be pulled down.



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

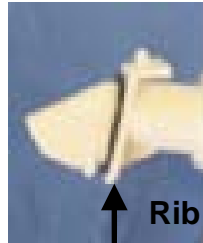
assemble inlet tube.



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.



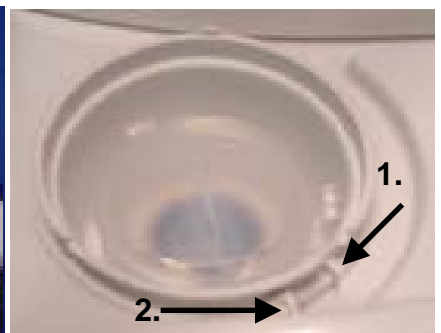
Rib inside

→ 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.



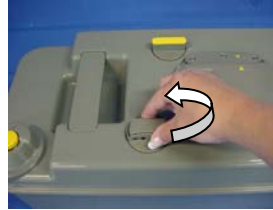


A.



B.

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

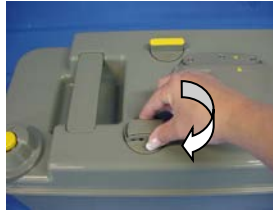
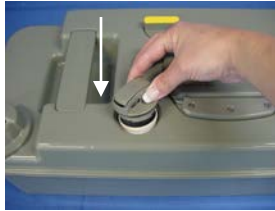


Turn from to



C.

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

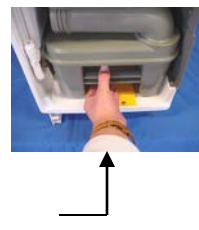


## 21370 Drain tube LH

A.

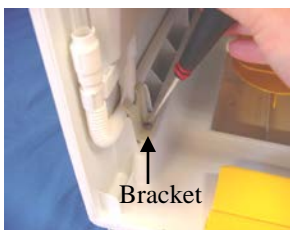


Pull the waste tank out of the Cassette toilet by lifting up the yellow clip.



B.

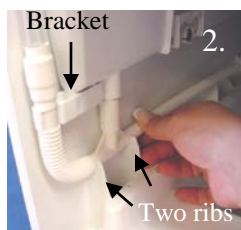
Unscrew the bracket and take it out.



Drain tube has to be pulled out on four places :

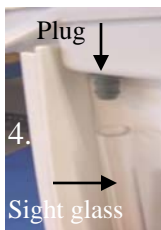
C.

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.



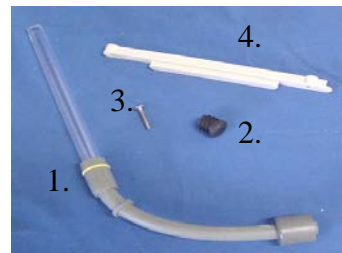
**Note: Some force may be needed to take the drain tube out**

E.



Will be replaced by :

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

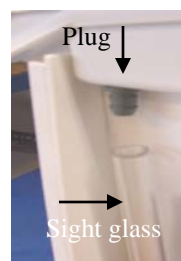


\* Screw and linkage only have to be used when the toilet has been produced before November 1992. **Production date** can be found on the identification label, on the bottom of the waste tank.

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

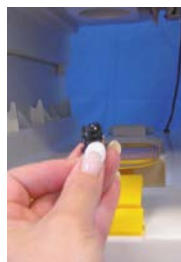
F.

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.

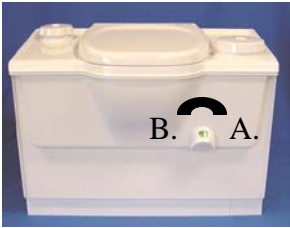


G.

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



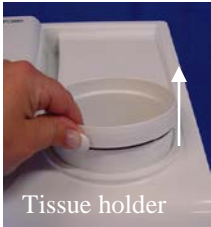
**\*Underneath instructions only have to be followed if the Cassette toilet has been produced before November 1992 (see identification label). As otherwise water will stay in during winterizing, the pump will be moved to the left side of the level indicator (from A to B). The distance from A to B will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



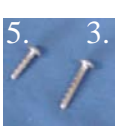
Pump retainer



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

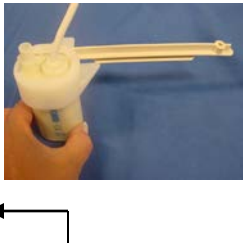
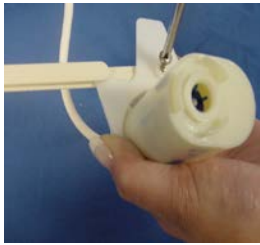


Disconnect the flush tube from the pump.



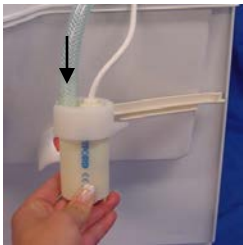
Nr. 3 (screw) and 4 (linkage) are in the package.  
Nr. 5 is the screw from the pump (see I, photo 1).

**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.

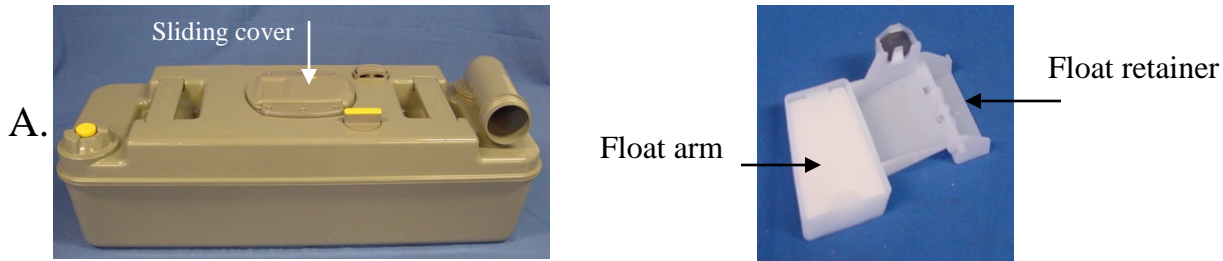


**M.** Place tissue holder and tissue well back into the water tank.

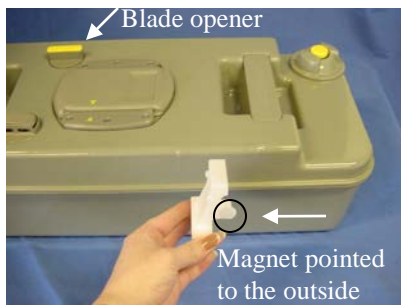


## 21322 Float arm

### 1. Cassette C2/C3/C4



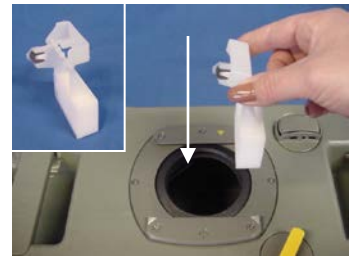
Position float arm, view from the outside. Float arm is always assembled on the opposite side of the blade opener.



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

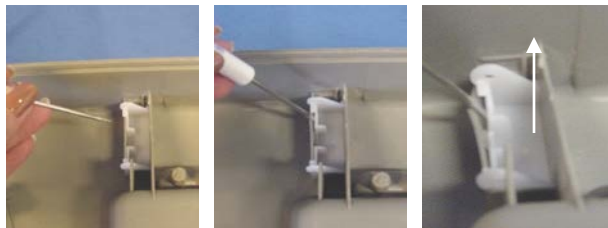


Magnet always has to point to the outside of the waste tank.



**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.



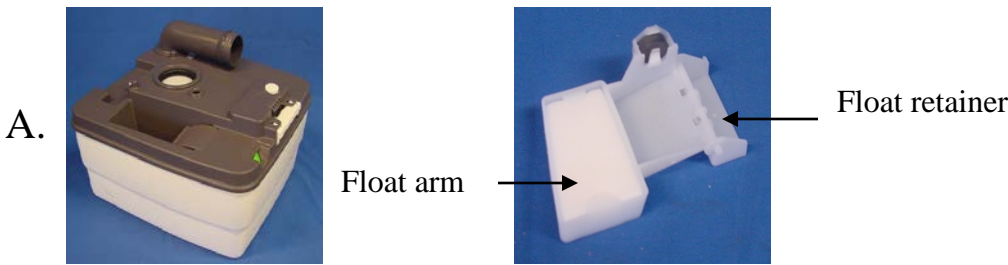
Press the float retainer in.



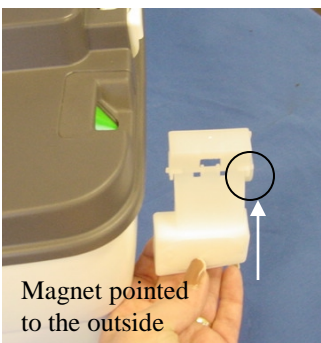


## 21322 Float arm

### 2. Porta Potti



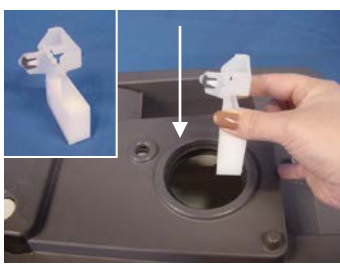
Position float arm,  
view from the outside.



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

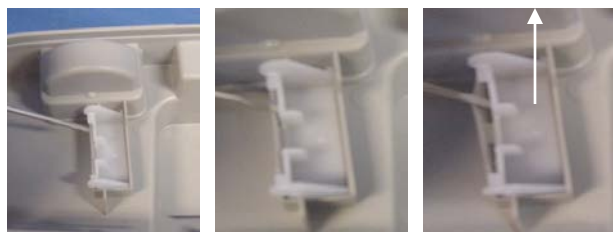


Magnet always has to point to the outside of the waste tank.

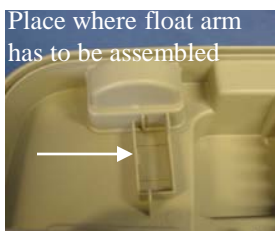


**Note :** If the float retainer is still in the waste tank (float arm has fallen off), the new float arm can not be assembled. Float retainer has to be taken out first. This can be done with a small flat screwdriver. As the waste tank is welded, this can only be done through the hole in the middle.

**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.

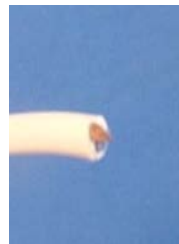
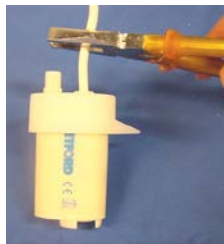


- D. 1. Pump  
2. Pump retainer  
3. Shrinktube

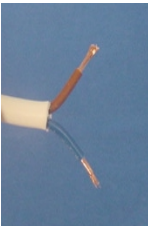
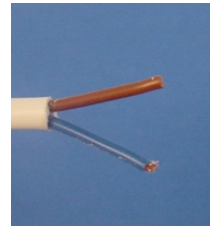
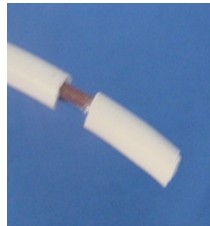
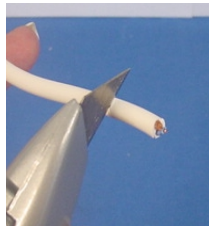


**Note :** Cassette toilets produced between 1987 and 1989 have two black connectors on the white cable. If this is the case, the white cable has to be cut above the black connector. Both connectors have to be taken off.

- 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.

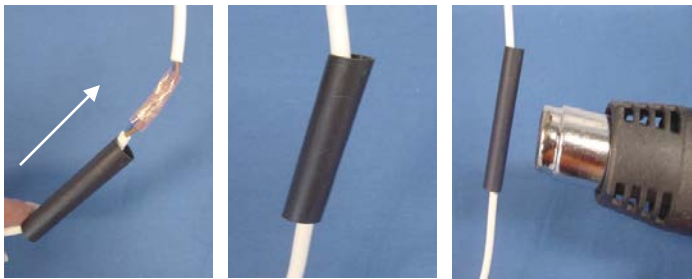




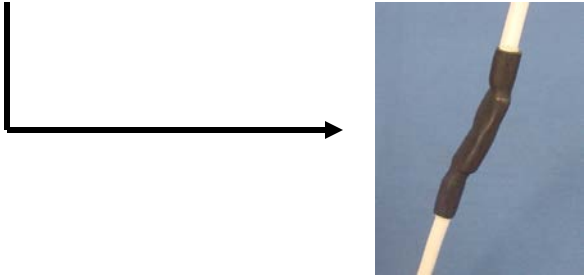
H. Place the shrinktube over the connected wires and melt the shrinktube with the hot-air gun.

\*Melting the shrinktube will prevent that the connected wires will come in contact with the water in the water tank.

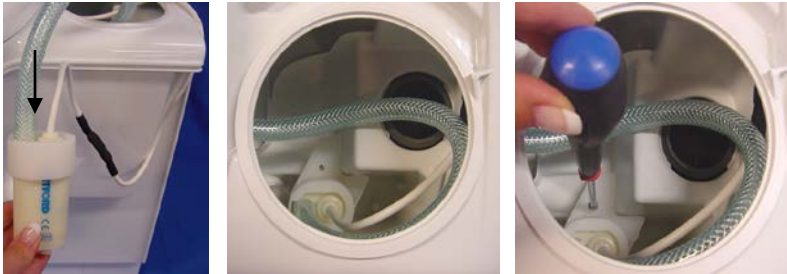
**Note :** When melting the shrinktube make movements from left to right so that the shrinktube can melt gradually.



**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.



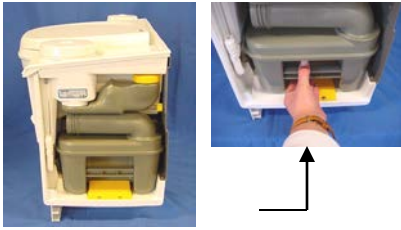
## 16381-74 Waterfill Funnel

### Material needed

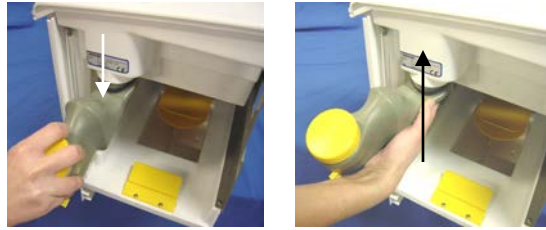


### Replace instruction

A.



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



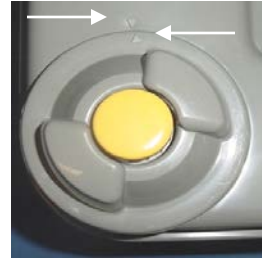
Push the waterfill funnel down and, press the new waterfill funnel into the water tank.

## 16176-74 Vent plug / 07524-78 Vent button

A.



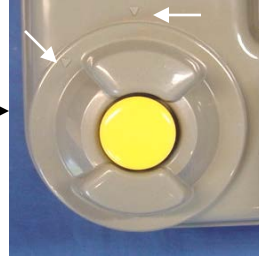
When the vent plug is locked into the waste tank, the two arrows (one on the waste tank and one on the vent plug) has to be pointed to each other.



B.

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

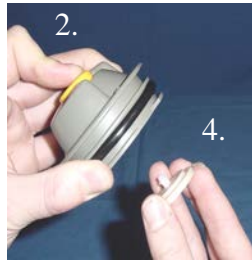
**Note :** some force may be needed to take the vent plug out.



\*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](http://www.thetford-europe.com)

Version:	1
Date:	April 2010
Tools required:	-

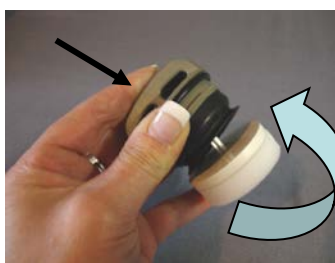
**A**

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](http://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](http://www.thetford-europe.com)

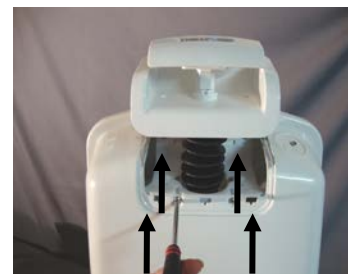
<b>Version:</b>	1
<b>Date:</b>	April 2010
<b>Tools required:</b>	Flat screwdriver



**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](http://www.thetford-europe.com)

<b>Version:</b>	1
<b>Date:</b>	April 2010
<b>Tools required:</b>	Cross headed screwdriver

**A**

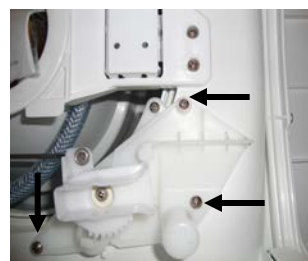
Remove waste holding tank out of the toilet.



**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](http://www.thetford-europe.com)

<b>Version:</b>	1
<b>Date:</b>	April 2010
<b>Tools required:</b>	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.



## Repair instruction

**Description:** C250 S/CS Electric Valve

**Part number:** 23709

Look for Service Centres, Point of Sale addresses and other information on: [www.thetford.eu](http://www.thetford.eu)

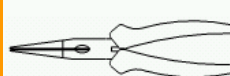
**Version:**

V2

**Date:**

Mai 2011

**Tools required:**



**A**

**Remove  
Waste holding tank**



**B**



**Remove bowl retainer  
bracket closest to the door**



**Take the bowl inner off**



C



**Remove  
retaining clip**



**Remove valve**

D



**Slide hose clamp  
over tube**



**Push new valve in tube, arrow  
should be in direction of water flow**

E



**Push tube onto valve**



**Assemble hose  
clamps**



**F**



**Route tubing around bowl**



**Warning! Lip to be at inside**

**G**



**Push the Bowl inner assembly back in position**



**Bring tube back in position**

**H**



**Rotate the retainer back in position**



**Assemble the retainer Rotate the retainer back in position**



**Place waste holding tank back into toilet**

## Repair instruction

**Description:** SC250 Overlay

**Part number:** 50708

Look for Service Centres, Point of Sale addresses and other information on: [www.thetford-europe.com](http://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](http://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](http://www.thetford.eu)

<b>Version:</b>	V1
<b>Date:</b>	June 2010
<b>Tools required:</b>	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





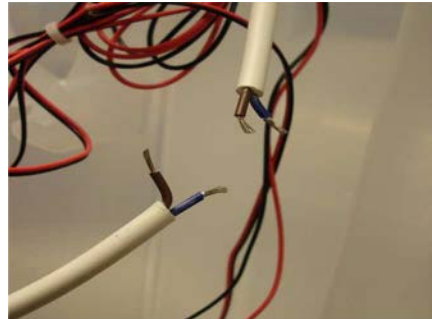
D

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](http://www.thetford.eu)

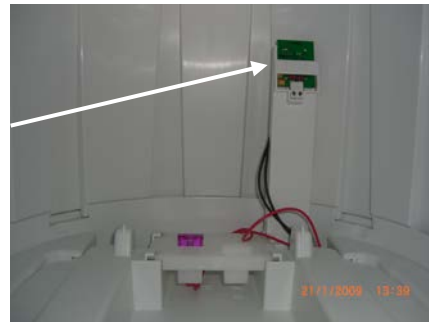
**Version:** V1

**Date:** June 2010

**Tools required:**

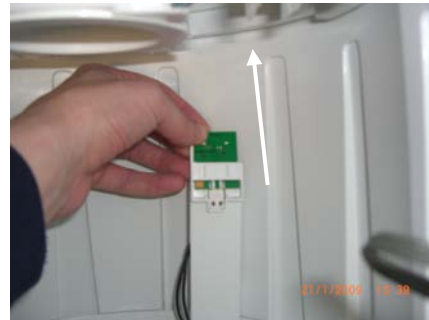
**A**

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](http://www.thetford.eu)

<b>Version:</b>	1
<b>Date:</b>	June 2010
<b>Tools required:</b>	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 hot 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 Drain

**Part number:** 50717

Look for Service Centres, Point of Sale addresses and other information on: [www.thetford.eu](http://www.thetford.eu)

<b>Version:</b>	1
<b>Date:</b>	June 2010
<b>Tools required:</b>	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](http://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](http://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.



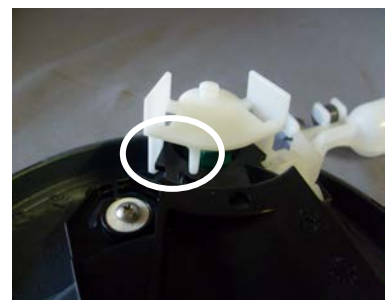
K

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](http://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](http://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 it's 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](http://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.



## Repair instruction

**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](http://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](http://www.thetford-europe.com)

<b>Version:</b>	1
<b>Date:</b>	June 2010
<b>Tools required:</b>	Flat head screwdriver

**A**

Turn waste holding-tank upside down.



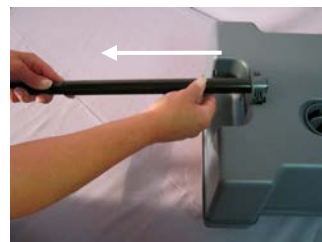
**B**

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](http://www.thetford.eu)**

<b>Version:</b>	1
<b>Date:</b>	June 2010
<b>Tools required:</b>	Flat screwdriver, Philips crosshead screwdriver

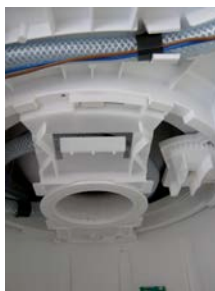
**A**

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





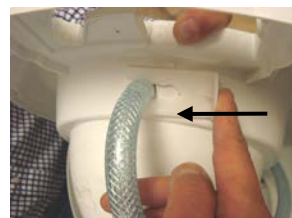
E

Remove nozzle retainer followed by tube from nozzle.



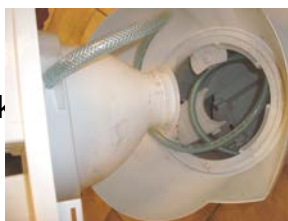
F

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](http://www.thetford-europe.com)

<b>Version:</b>	1
<b>Date:</b>	April 2010
<b>Tools required:</b>	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.



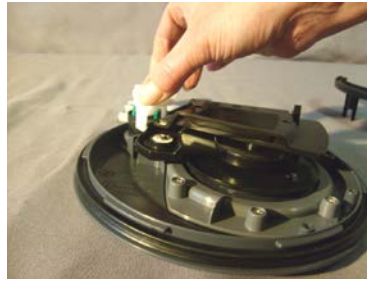
**C**

Remove 3 screws out of retainer.



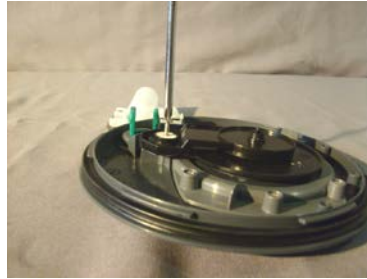
**D**

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](http://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



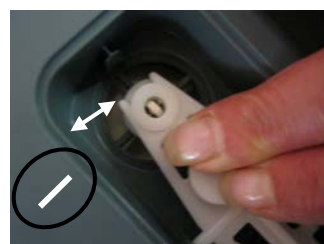
**C**

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](http://www.thetford.eu)**

<b>Version:</b>	V2
<b>Date:</b>	15/08/2011
<b>Tools required:</b>	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 !**

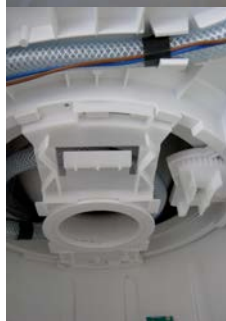
**A**

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](http://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

**Description:** C250 Saddle

**Part number:** 50735

Look for Service Centres, Point of Sale addresses and other information on: [www.thetford.eu](http://www.thetford.eu)

<b>Version:</b>	1
<b>Date:</b>	June 2010
<b>Tools required:</b>	Philips crosshead screwdriver

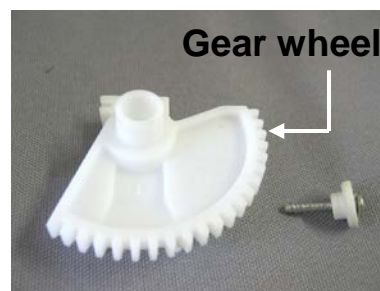
**A**

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](http://www.thetford-europe.com)

**Version:**

1

**Date:**

June 2010

**Tools required:**

Flat head screwdriver

A

Remove waste holding-tank out of toilet.



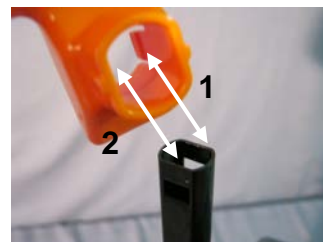
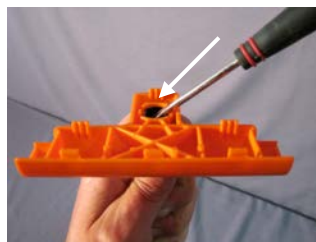
B

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](http://www.thetford.eu)**

<b>Version:</b>	1
<b>Date:</b>	June 2010
<b>Tools required:</b>	-

**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 hot 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

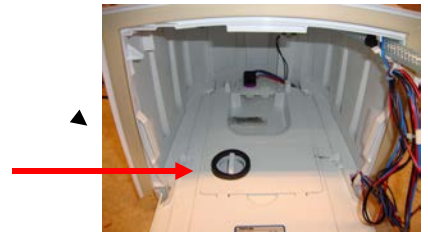
**Part Number:** 50755

Look for Service Centres, Point of Sale addresses and other information on: [www.thetford.eu](http://www.thetford.eu)

<b>Version:</b>	V1
<b>Date:</b>	January 2010
<b>Tools required:</b>	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.



D

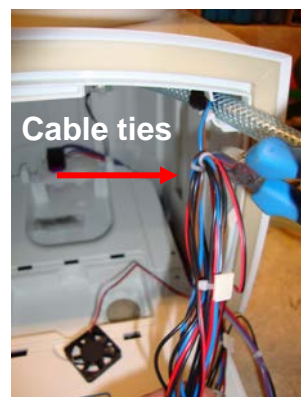
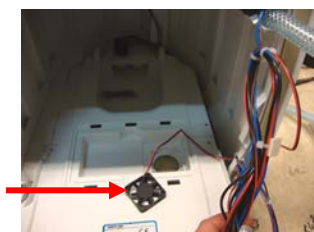
Remove two screws on cable cover.



Remove cable cover.

E

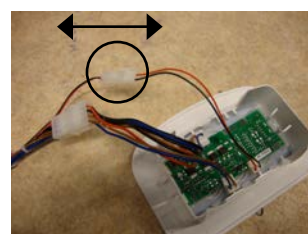
Take electrical fan out and disconnect the complete wire by cutting the cable ties.



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.



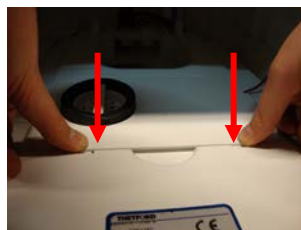
**Note:** Make sure that you do not touch the pcb

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:** C250 CWE Additional Drain Tube

**Part number:** 93073 & 24073

Look for Service Centres, Point of Sale, addresses and other information on: [www.thetford.eu](http://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.**



# Rework C250CB.

**TO** : Service engineers  
**CC** :  
**FROM** : MME  
**DATE** : 24-08-2010  
**SUBJECT** : Rework C250 Ceramic Bowl

	1. Remove POD.
	2. Remove screws that hold the service cover (2x) and remove the service cover.
	3. Position the seat and cover in the desired position and fix it with tape to the bowl
	4. Place the toilet upside down and fill the space between the bowl and the plastic ribs with hot melt (2x). 5. Reassemble the service cover and the pod 6. Remove the tape

## Repair instruction

**Description:** SC250/400 Vent button

**Part number:** 0752492/3230716

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



**C**

While pressing with your thumb the button in, pull on the inside the seal retainer loose.



D

Take new seal retainer and place it through the hole where the button needs to be pressed in.



E

Press button with spring back into position.



F

Place mechanism and use sliding cover in reverse to position back into the tank.



## Repair instruction

**Description:** Pump C402C/X

**Part number:** 16374

Look for Service Centers, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)

**Version:**

V1

**Date:**

09/11/2006

**Tools required:**

Knife + blow-drier + wire stripper + crimps

**A**

C402 C/X toilet.



**B**

Remove the handle.



Remove the control panel.

**C**

Remove the control well.



Inside view.

09/11/2006

Description: Pump C402  
C/X

1



D

Remove the seal from the control well.



E

Take the pump out of the watertank.

Cut the cable just above the pump with the wire stripper.



F

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

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



G

Place the shrink tube on the wires from the new pump.

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

Place the shrink tube on the connector pliers.



H

Melt the shrink tube with the blow drier.  
Will prevent a short circuit.



I

Replace the pump.  
Replace the seal  
in the control well.



J

Replace the control  
well.  
Replace the control  
panel.



K

Replace the handle.



## Repair instruction

**Description:** Relais C403L

**Part number:** 20106

Look for Service Centers, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)

**Version:** V1

**Date:** 05/06/2006

**Tools required:** -

**A**

C403L toilet.



Control panel  
C403L.

**B**

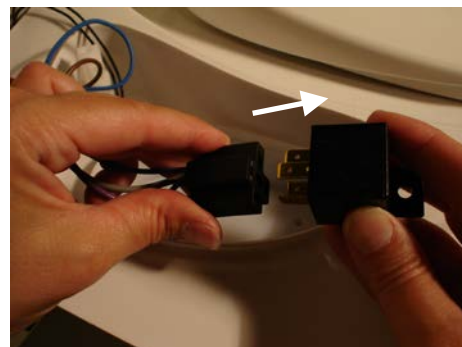
Remove the  
handle.



Remove the control  
panel.

**C**

Unscrew the screw  
from the relais.



remove the relais  
from the connection  
relais.

05/06/2006

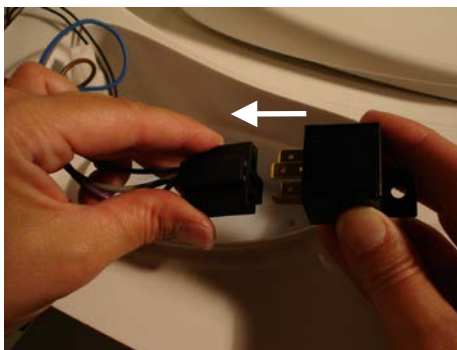
Description: Relais  
C403L

1

D

Place the new relais on to the connection relais.

Screw the new relais into the control well.



E

Replace the control panel.

Replace the handle.



F





## Repair instruction

**Description:** Blade fuse C400

**Part number:** 21766

**Look for Service Centers, Point of Sale addresses and other information on:** [www.thetford-europe.com](http://www.thetford-europe.com)

<b>Version:</b>	V2
<b>Date:</b>	13/07/2006
<b>Tools required:</b>	-

**A**

C400 toilet.

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

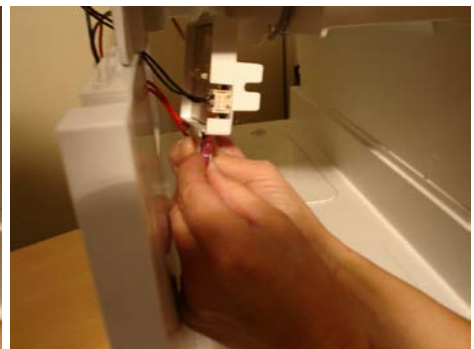
Remove the reed switch HT.



**B**

Remove the blade fuse.

Place the new blade fuse back into the reed switch HT.



**C**

Replace the reed switch HT.

Place waste tank back into the toilet.





## Repair instruction

**Description:** Electric Valve C403L

**Part number:** 23709

Look for Service Centers, Point of Sale addresses and other information on: [www.thetford.eu](http://www.thetford.eu)

**Version:** V1

**Date:** 02/06/2006

**Tools required:**

**A**

C403L toilet.



Remove the handle.

**B**

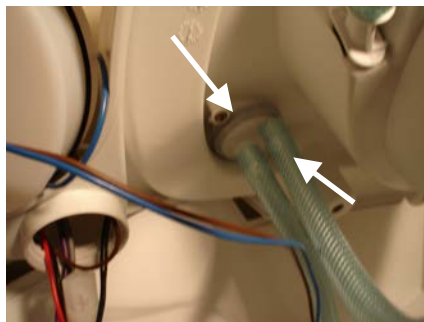
Remove the control panel.



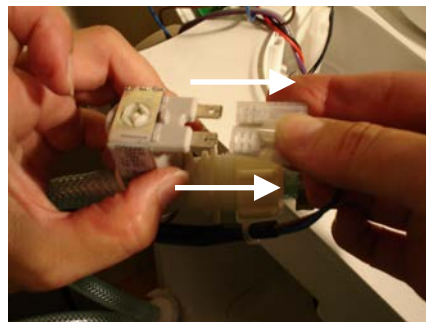
Remove the control well.

**C**

Remove the vacuum breaker by pressing against the upstanding rib.



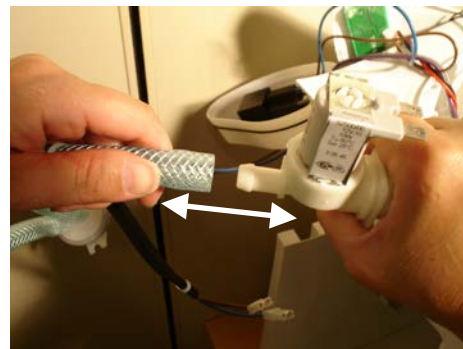
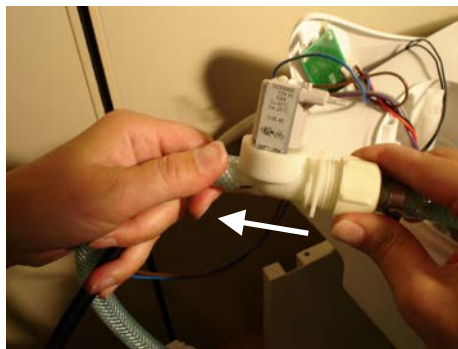
Remove the both connectors loose from the electric valve.



D

Unscrew the hose barb.

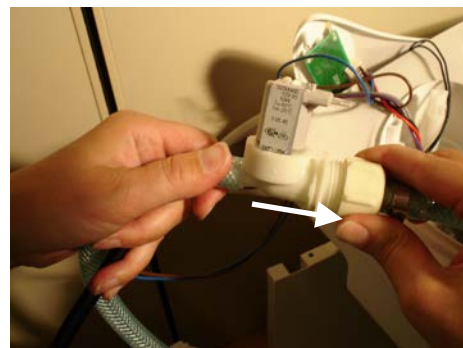
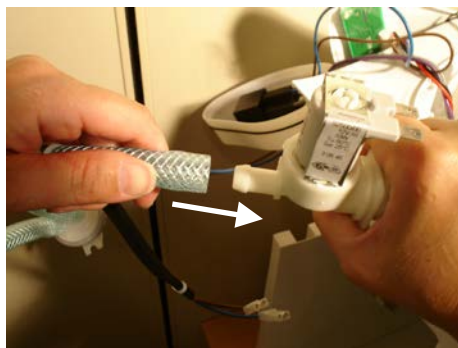
Remove the water tube from the electric valve.



E

Replace the water tube on the new electric valve.

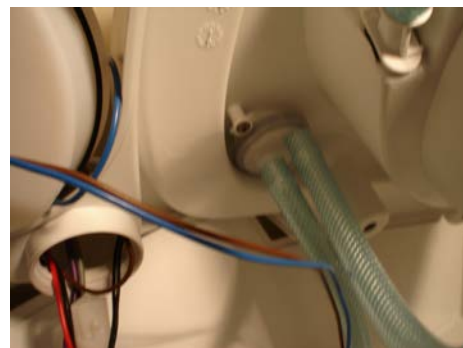
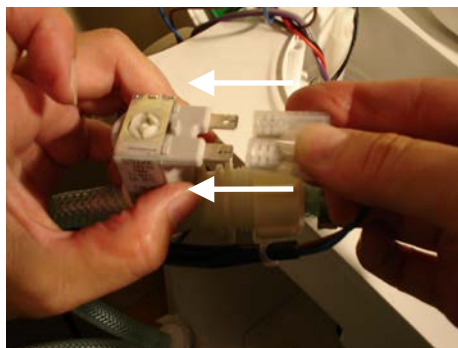
Screw the hose barb onto the electric valve.



F

Replace the connectors onto the electric valve.

Replace the vacuum breaker by pressing against the upstanding rib.



G

Replace the control well.

Replace the control panel.



H

Replace the handle.



## Repair instruction

**Description:** SC400 Blade opener

**Part number:** 3230016

Look for Service Centres, Point of Sale addresses and other information on: [www.thetford-europe.com](http://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**

Press two ribs on retainer in and pull it of the blade opener



D

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

Note: While pressing blade opener out, press with your thumb on the blade, will hold the mechanism together.



E

For assembling new blade opener, follow the steps in reverse.

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





## Repair instruction

**Description:** SC400 Holdingtank plate left/right

**Part number:** 3230206/3232806

Look for Service Centres, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)

<b>Version:</b>	1
<b>Date:</b>	April 2010
<b>Tools required:</b>	Crosshead screwdriver/flat 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 and remove blade arm?.



**E**

Take 1 screw out of bushing and remove blade driver.



**F**

Take bushing out and remove blade.



**G**

Place flat screwdriver between retainer and rib and take complete float arm out.



**H**

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



I

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



J

Remove seal of mechanism.



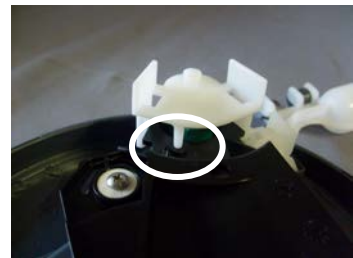
K

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 situated on the dot on mechanism.



## Repair instruction

**Description:** SC400 Float arm

**Part number:** 32304

Look for Service Centres, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)

<b>Version:</b>	1
<b>Date:</b>	April 2010
<b>Tools required:</b>	Flat 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.



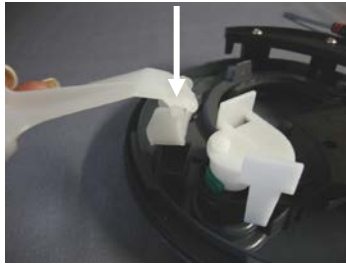
**C**

Take float arm out and place flat screwdriver between retainer and plate.



D

Place new float arm by pressing in the retainer.



E

Place complete mechanism back and use sliding cover in reverse to position complete mechanism back into the tank.





## Repair instruction

**Description:** SC400 Automatic vent

**Part number:** 32305

Look for Service Centres, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)

<b>Version:</b>	1
<b>Date:</b>	April 2010
<b>Tools required:</b>	Flat screwdriver

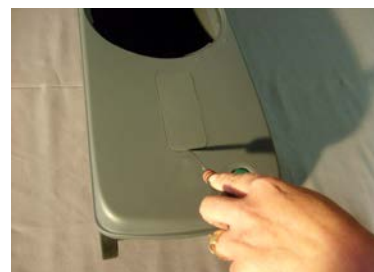
**A**

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.



**C**

Place flat screwdriver under plate and press it out.



**D**

Remove plate.



E

While going with one hand in the waste-holding tank, press the float from the top so that the foam-float can be turned out from within the Holding tank.



Now the seal can be pulled out.



F

For assembling new automatic vent, follow these steps in reverse.

## Repair instruction

**Description:** SC400 HT Wheels

**Part number:** 3230806

Look for Service Centres, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)

Version:	1
Date:	April 2010
Tools required:	-

**A**

Turn the waste-holding tank upside down.



**B**

Push/pull the wheel out of it's situe.



**C**

Push new wheel back into position.



## Repair instruction

**Description:** SC400 Control panel

**Part number:** 32313-62/32320-62/32322-62

Look for Service Centres, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)

<b>Version:</b>	V1
<b>Date:</b>	June 2010
<b>Tools required:</b>	-

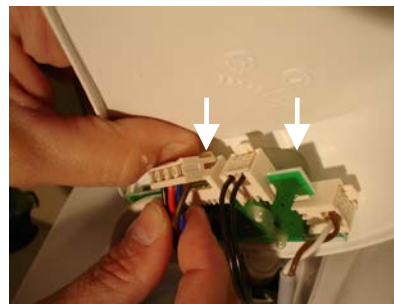
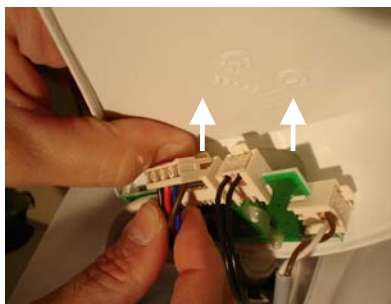
**A**

Remove the handle and, remove the control panel.



**B**

Remove the plugs on the control panel carefully by pushing on the clip and, refit the plugs onto the new control panel.



**C**

Replace the control panel and, place the handle.



## Repair instruction

**Description:** SC403L/402C/402X Overlay

**Part number:** 32314/32321/32323

Look for Service Centres, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)

<b>Version:</b>	1
<b>Date:</b>	April 2010
<b>Tools required:</b>	-

**A**

Pull overlay loose from control panel.



**B**

Place new overlay.



Note: holes which are shown when overlay has been taken off, is depending of the toilet type.



## Repair instruction

**Description:** SC402 Waterfill funnel

**Part number:** 3231506

Look for Service Centres, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)

Version:	1
Date:	April 2010
Tools required:	-

**A**

Take waste-holding tank out of the toilet.



**B**

Swing the waterfill funnel outside and press it down.



**C**

Press new waterfill funnel in. Note: first push the rear of the funnel in position then pull the front up.



## Repair instruction

**Description:** SC400 Reed switch waste-holding tank

**Part number:** 32316-62/32317-62

Look for Service Centres, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)

**Version:** V1

**Date:** June 2010

**Tools required:** -

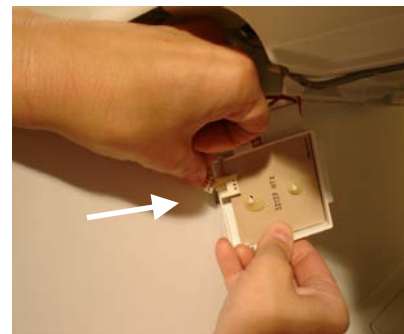
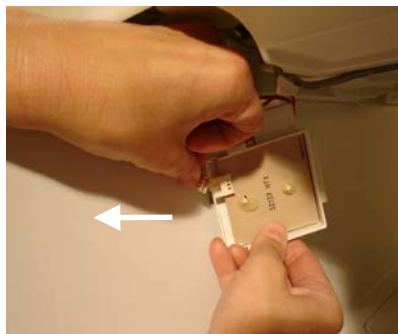
**A**

Pull the waste tank out of the Cassette toilet by lifting up the green clip and remove the reed switch.



**B**

Disconnect the reed switch carefully and connect the new reed switch.



**C**

Place the new reed switch back into the toilet and place waste tank back into the toilet.



## Repair instruction

**Description:** Reed Switch WT C402X

**Part number:** 32317-62

Look for Service Centers, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)

**Version:** V1

**Date:** 02/06/2006

**Tools required:** 

**A**

C402X toilet.

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



**B**

Unscrew the reed switch WT.



**C**

Disconnect the reed switch WT carefully.

Connect the new reed switch WT.



C

Screw the reed switch WT back into the toilet.

Place the waste tank back into the toilet.



## Repair instruction

**Description:** SC400 Wire harness

**Part number:** 32319

Look for Service Centres, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)

<b>Version:</b>	1
<b>Date:</b>	June 2010
<b>Tools required:</b>	Cutter, nose pliers, philips screwdriver

Note: for this repair the toilet needs to be removed from the vehicle.

**A**

Remove waste-holding tank out of Cassette toilet and pull handle from control panel.



**B**

Pull control panel loose.



**C**

Cut the tyrap and release connector by pressing lip on connector housing.





D

Swing waterfill funnel out.



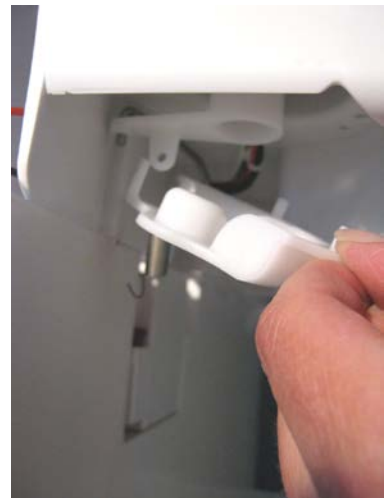
E

Look up inside the toilet where you will find the pivot of the shaft, is held by 3 screws. Remove spring from shaft.



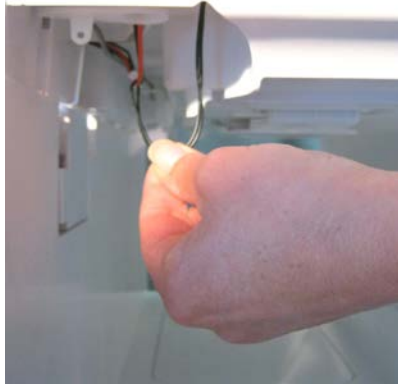
F

Remove 3 screws from pivoting bracket, and remove bracket.



**G**

Remove tyrap on cable inside and backside of the toilet.



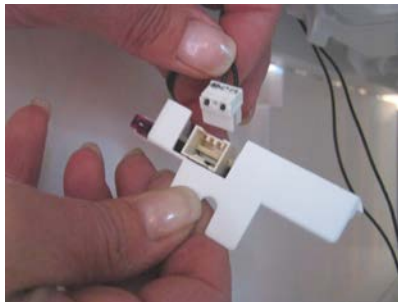
**H**

Remove reed switch housing by pressing both lips on the side.



**I**

Release connector by pressing lip on connector housing.



Follow steps in reverse to connect new wiring harness.

## Repair instruction

**Description:** SC400 Outside vent

**Part number:** 32324

Look for Service Centres, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)

<b>Version:</b>	1
<b>Date:</b>	June 2010
<b>Tools required:</b>	-

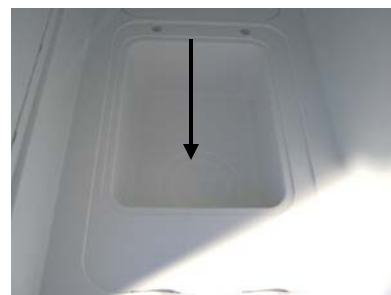
**A**

Remove waste-holding tank out of Cassette toilet.



**B**

Remove cover inside where location of outside vent is marked, out of inside toilet and, drill a hole in the base of the toilet, is also marked.



**C**

Place tube in cover and bring it through the hole of the base.



D

Remove protection of foam and place it on top of the cover.



E

Place cover back into base of the toilet



Note: Tube will be connected to the bottom of the waste-holding tank.



## Repair instruction

**Description:** SC400 Waterfill extension

**Part number:** 3232916

Look for Service Centres, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)

**Version:**

1

**Date:**

April 2010

**Tools required:**

-



**A**

Swing waterfill funnel to the outside, remove cap and press waterfill extension in.



**B**

For storage waterfill extension can be placed under handle cover of the waste-holding tank.





## Repair instruction

**Description:** SC400 Float box

**Part number:** 32330-62

Look for Service Centres, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)

<b>Version:</b>	V1
<b>Date:</b>	June 2010
<b>Tools required:</b>	-

**A**

New float box



**B**

Press the flush button to empty the water tank and, remove the handle



Remove the control panel and, pull out the control well

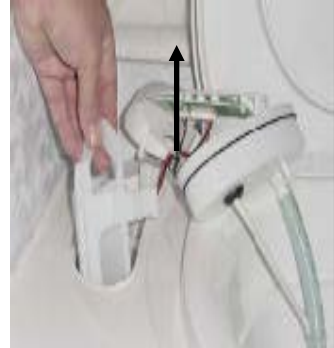


C

Go inside the water tank and disconnect the nozzle by pulling it (inside the toilet) down.



Take complete pump and flush tube out the water tank and, take the float box out.

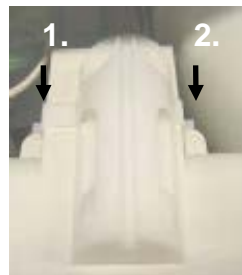


D

Fit new float box



Push float box completely down, between the two ribs.



E

Inside view position float box



F

Place the pump and flush tube back in the inside of the water tank

Push the nozzle back into the toilet-bowl, (inside the toilet, you have to hear a click when pressing the nozzle in)



G

Refit control panel and handle



## Repair instruction

**Description:** SC400 Holdingtank mechanism R/L

**Part number:** 3233106/3233206

Look for Service Centres, Point of Sale addresses and other information on: [www.thetford-europe.com](http://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 replace it by the new one.



**C**

Place new mechanism and use sliding cover in reverse to position back into the tank.



Note: a new sliding cover is not included in the package.

## 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](http://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:** SC400/C500 Shaft

**Part number:** 51802

Look for Service Centres, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)

<b>Version:</b>	1
<b>Date:</b>	June 2010
<b>Tools required:</b>	Philips screwdriver

**A**

Remove waste-holding tank out of Cassette toilet and pull handle from control panel.



**B**

Pull control panel loose.



**C**

Swing waterfill funnel out.



**D**

Look up inside the toilet where you will find the pivot of the shaft, is held by 3 screws. Remove spring from shaft.



**E**

Remove 3 screws from pivoting bracket, and remove bracket.



**F**

Remove link from shaft, and take shaft out of.



Follow steps in reverse to place new shaft.

## Repair instruction

**Description:** SC400 Handle

**Part number:** 5180362

Look for Service Centres, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)

Version:	1
Date:	April 2010
Tools required:	-



**A**

Pull handle of control panel and press new handle in.



## Repair instruction

**Description:** SC402 Drain tube

**Part number:** 5180474

Look for Service Centres, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)

<b>Version:</b>	1
<b>Date:</b>	April 2010
<b>Tools required:</b>	-



A

Press black tube out of bracket and pull sight tube out of drainplug.

C

Pull black tube of the toilet.



D

In case bracket also needs to be replaced, pull it out.



E

Follow the steps in reverse to place the new drain tube.



## Repair instruction

**Description:** Control knob C500

**Part number:** 90701

Look for Service Centres, Point of Sale addresses and other information on: [www.thetford-europe.eu](http://www.thetford-europe.eu)

**Version:**

**Date:**

March 2010

**Tools required:**

Pliers

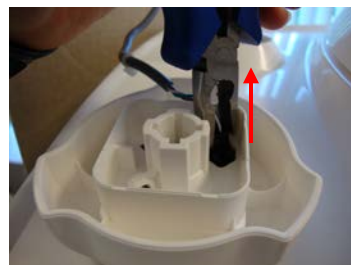
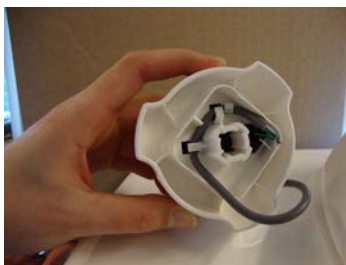
**A**

Pull control knob off.



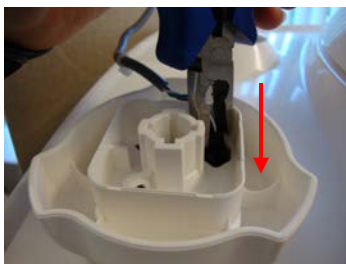
**B**

Free cable and remove plug using pliers.



**C**

Fit plug onto new control knob.



**D**

Refit control knob.



## Repair instruction

**Description:** Drain tube C500

**Part number:** 90703

Look for Service Centres, Point of Sale addresses and other information on: [www.thetford-europe.eu](http://www.thetford-europe.eu)

**Version:**

**Date:**

March 2010

**Tools required:**

Philips Screwdriver

**A**

Remove waste-holding tank out of the Cassette toilet. Pull the sight glass away from the black rubber pipe. Note: make sure that the water tank is empty.



Unscrew the tunnel on the side where the drain tube is located (2 screws).

If necessary replace the sight glassclip by turning it and pulling outwards.



**B**

Press the unscrewed tunnel a bit to the left so the drain tube can be taken out.



C

Push new sight tube in  
Cassette toilet and, place  
sight glass back onto black  
pipe.



D

Screw tunnel back into place.



## Repair instruction

**Description: PCB C500**

**Part number: 90704**

Look for Service Centres, Point of Sale addresses and other information on:  
[www.thetford-europe.eu](http://www.thetford-europe.eu)

**Version:**

**Date:**

March 2010

**Tools required**

-

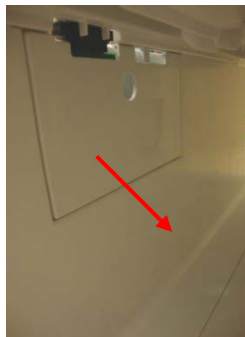
**A**

Pull the Waste holding tank out of the cassette



**B**

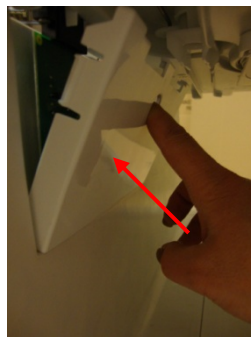
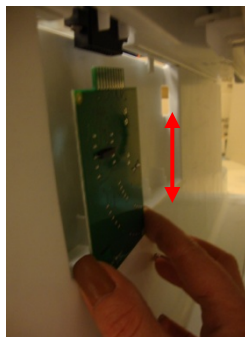
Remove the PCB cover on the inside



**C**

Pull PCB out and replace with new one

Place PCB cover back into position and press it back in place



Note: Be careful when handling the PCB

## Repair instruction

**Description:** Float arm C500

**Part number:** 90706

Look for Service Centres, Point of Sale addresses and other information on: [www.thetford-europe.eu](http://www.thetford-europe.eu)

**Version:**

**Date:**

March 2010

**Tools required:**

Flat screwdriver

**A**

While looking down on the top of the tank you will notice the sliding cover. Using the sliding cover as a lever, rotate the complete mechanism anti clockwise until the arrow points to the second dot.



The complete disc and mechanism can now be removed.

**B**

The float is now easily visible. Take float arm out of retainer.



Place flat screwdriver between rib and retainer and take it out



**C**

Press new float arm into position.



**D**

Reverse the process to replace the mechanism.





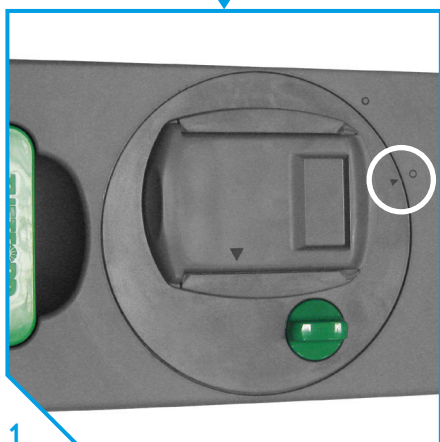
# Cassette Toilet C400

Right:

Left:



Follow instructions



1



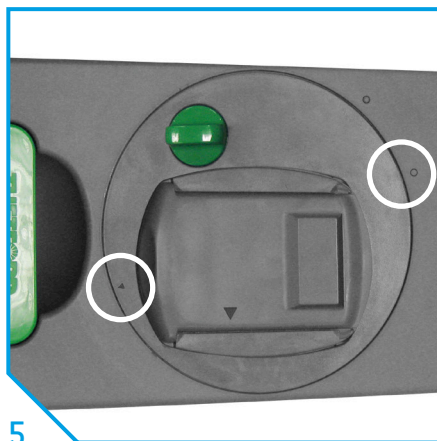
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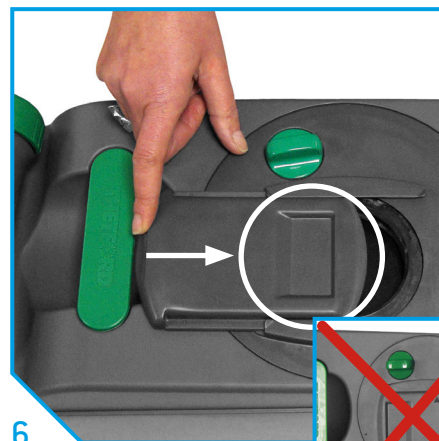
3



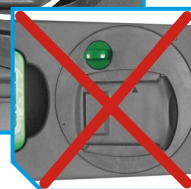
4



5



6



## Repair instruction

**Description:** SPP Level indicator FWT Excellence

**Part number:** 92405-111/60/130/135

Look for Service Centres, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)

<b>Version:</b>	1
<b>Date:</b>	January 2012
<b>Tools required:</b>	Flat screwdriver – nose plier

**A**

Open outercase, put plastic on the side and pull seat & cover off.



**B**

Place flat screwdriver under level indicator, lift it up and take complete level indicator out.



**C**

Place new level indicator, press it in and place seat & cover back.



Note: it can happen that only the cover of the level indicator comes loose, use a nose plier to pull out the rest of the level indicator.



## Repair instruction

**Description:** SPP Level indicator Qube and Excellence

**Part number:** 92909-.. / 92908-../ 92410-..

**Look for Service Centres, Point of Sale addresses and other information on:** [www.thetford-europe.com](http://www.thetford-europe.com)

<b>Version:</b>	1
<b>Date:</b>	March 2012
<b>Tools required:</b>	Flat screwdriver



**A**

Place carefully a flat screwdriver underneath the cover, lift it up and push with you're thumb the cover forwards.



**B**

Dial with magnet can be taken out.



Place new level indicator in reverse steps.

## Repair instruction

**Description: SPP Electric Pump Excellence**

**Part number: 92402-07/135**

**Look for Service Centres, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)**

<b>Version:</b>	1
<b>Date:</b>	March 2012
<b>Tools required:</b>	Flat screwdriver

**A**

Remove seat & cover



**B**

Turn battery housing and remove from pump housing.



**C**

Place flat screwdriver in holes pump housing, turn housing and pull housing out of the water tank.



**D**

Pull flush tube off and place new pump in reverse steps.



Note: when placing the battery housing, make sure that the block mark is on indicated place.



## Repair instruction

**Description:** SPP Piston Pump Excellence/Qube

**Part number:** 92401-66/111/130, 92901-66/111/130

**Look for Service Centres, Point of Sale addresses and other information on:** [www.thetford-europe.com](http://www.thetford-europe.com)

<b>Version:</b>	1
<b>Date:</b>	March 2012
<b>Tools required:</b>	Flat screwdriver

**A**

Remove seat & cover



**B**

Place carefully flat screwdriver under pump housing and lift it up.



**C**

Pull flush tube off and place new pump in reverse steps.





## Repair instruction

**Description: SPP Lip seal**

**Part number: 07101**

**Look for Service Centres, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)**

<b>Version:</b>	1
<b>Date:</b>	January 2012
<b>Tools required:</b>	Nose plier



**A**

Push the handle in to open the waste holding tank.



**B**

Pull the lip seal out of the inside groove with help of the nose plier.



**C**

Push the new lip seal into the inside groove.



**D**

When lip seal is on its place, close the handle.



## Repair instruction

**Description:** SPP Pour out Spout Qube and Excellence

**Part number:** 92907-.. / 92408-..

**Look for Service Centres, Point of Sale addresses and other information on:** [www.thetford-europe.com](http://www.thetford-europe.com)

<b>Version:</b>	1
<b>Date:</b>	January 2012
<b>Tools required:</b>	

**A**

Turn the pour out spout and pull it out.



**B**

Press new pour out spout in and turn it back in position.



## Repair instruction

**Description: SPP Vent button**

**Part number: 92407-111**

**Look for Service Centres, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)**

<b>Version:</b>	1
<b>Date:</b>	January 2012
<b>Tools required:</b>	



**A**

Push the handle in to open the waste holding tank.



**B**

Press the vent button in and pull on the inside of the waste holding tank the vent button seal loose.



**C**

Place new vent button seal and press new vent button onto the seal



## Repair instruction

**Description: SPP Vent seal**

**Part number: 07102**

**Look for Service Centres, Point of Sale addresses and other information on: [www.thetford-europe.com](http://www.thetford-europe.com)**

<b>Version:</b>	1
<b>Date:</b>	January 2012
<b>Tools required:</b>	Nose plier

**A**

Push the handle in, to open the waste holding tank.



**B**

Push the vent seal loose of the inside groove and pull it out with help of the nose plier.



**C**

By squeezing the new vent seal, it can be pushed through the hole.



**D**

Hold vent seal in position with the nose plier while closing the handle slowly. This will press the vent seal back in its groove.

