HOW TO USE THESE INSTRUCTIONS

Please read these instructions carefully to familiarize yourself with the required tools, materials, and installation sequences. Follow the sections that pertain to your particular installation. This will help you avoid costly mistakes. In addition to proper installation, read all operating and safety instructions.

All information in these instructions is based upon the latest product information available at the time of publication. Kohler China reserves the right to make changes in product characteristics, packaging, or availability at any time without notice.

These instructions contain important care, cleaning, and warranty information - please leave instructions for the consumer.

ORDERING INFORMATION

Rialto Gravity™ Toilet………………………………………K-3386-JA
Includes seat………………………………………K-4662T-**/K-4663-**

NOTES

• Observe all local plumbing and building codes.
• Shut off the water supply.
• Seat post holes are on 140mm (5-1/2") centers.
• 51mm (2") passageway.
• Water depth from the rim is 155mm (6-1/1/2").
• Ensure that the new drain has the correct roughing-in dimension. This toilet has a 305mm (12") roughing-in dimension. See Fig. #1.
• Closet flange must be 305mm (12") on-center from wall.
• Carefully inspect the new fixture for any sign of damage.
• For new construction, refer to the dimensions in Fig. #1 and Fig. #4 for locating the shut-off valve.
• Fixture dimensions are nominal and conform to tolerances established by ASME Standards (A112.19.2M).

WARNING: Risk of personal injury or product damage. Handle vitreous china products very carefully. Vitreous china can break and chip if you overtighten bolts and nuts.

WARNING: Risk of external leakage. The fill valve nut has been factory-tightened to design specifications. If re-tightening is required, wrench tighten one turn past finger tight.

ORDERING INFORMATION

丽安托座便器………………………………………K-3386-JA
含座厕盖板………………………………………K-4662T-**/K-4663-**
TOOLS AND MATERIALS REQUIRED (Not supplied)

- 254mm (10") adjustable wrench
- 305mm (12") pipe wrench
- Metal file (file cut)
- Tape measure
- Tubing cutter
- Level
- Hacksaw
- Putty knife
- Screwdriver
- Toilet gasket (wax seal)
- Toilet installation flange
- Toilet T-bolts (2), 8mm (5/16") diameter
- Toilet supply shut-off valve, 10mm(3/8") recommended

NOTICE: If the existing toilet does not have a supply shut-off valve below the tank, install one before installing the new toilet.

TO REMOVE EXISTING TOILET

Turn off the water supply. Flush the toilet, and use a sponge to remove the remaining water from the tank and bowl. Disconnect the supply shut-off valve (if present), and remove the old tank and bowl.

INSTALLATION

TO REMOVE EXISTING TOILET

关掉供水，将旧座便器冲水，用海绵吸去座便器内的剩余水分，除下供水管止水阀（如果有），移开旧水箱和座便器。
Remove the old gasket from the floor and the closet flange with a putty knife. Remove the old T-bolts and discard them.

**NOTICE:** if the new toilet is not installed immediately, temporarily stuff a rag into the closet flange.

Install two new 8mm (5/16") diameter T-bolts into the closet flange.

**NOTICE:** Do not use white cement or high lime content cements to install this toilet. The expansion of cement due to a rise in temperature may make the toilet crack or cause damage. Kohler is not responsible for any damage caused by installation with the use of cement.

**TO INSTALL SUPPLY SHUT-OFF VALVE**

Install the supply shut-off valve so it is 67mm (2-5/8") above the finished floor line, and 200mm (7-7/8") to the left of the closet flange centerline.

The centerline of the supply shut-off valve outlet should extend 67mm (2-5/8") from the finished wall. Install the supply shut-off valve with the outlet vertical.

**TO INSTALL BOWL**

Set the bowl upside down on some padding. Firmly press the toilet gasket onto the toilet outlet.

**NOTE 1:** Wax ring type toilet gasket should not be installed at temperatures less than 21°C.

**NOTE 2:** if you are using a toilet gasket with an integral plastic sleeve, make sure the gasket is positioned with the sleeve facing away from the toilet.

If you temporarily plugged the closet flange with a rag, remove the rag at this time and ensure that the drain pipe is clear and free of debris.

Carefully align and lower the bowl over the closet flange and T-bolts. Apply full body weight to the bowl rim to set the seal.

**CAUTION:** Risk of concealed leakage: Do not lift or rock the bowl after placement - a new toilet gasket must be installed if you break the watertight seal.

Toilet Outlet (OUTLET) 座便器出水口

1033004-T01-A
Assemble the bolt cap bases, washer, and nuts on the exposed T-bolts. Handtighten the nuts, then tighten them an additional 1/2-turn.

**CAUTION: Risk of personal injury or product damage:** overtightening may cause breakage or chipping of the vitreous china.

If the T-bolts extend more than 6mm (1/4”) over the top of the nuts, cut off the excess and file the end. Wipe away any residue. Install the bolt caps.

**TO CONNECT WATER SUPPLY**

* Flexible hose (not provided) are recommended to connect the supply line to the fill valve. If you use a rigid connection(not provided), take care not to apply side forces to the bottom of the fill valve. Be sure the rigid connection must be fit with supply line completely to prevent damage shank by forced connection.

**IMPORTANT:** Before turning on the supply valve for the first time, follow the steps below to clear sand, debris and rust from the system:

- Make sure water sure water supply is off. Remove valve END by rotating it 1/8 turn counterclockwise.
- While holding a container over the uncapped VALVE to prevent splashing, turn water supply on and off a few times. Leave water supply off.
- Replace END by engaging lugs and rotating 1/8 turn clockwise. Make certain the top is turned to the locked position. Valve may not turn on if top is not fully in the locked position.
- Turn on water supply. Check that water level is at the marked water line.

Attach the toilet seat according to the installation instructions included.

Open the supply shut-off valve and check all connections for leakage. If the connections have been properly assembled, a slight retightening of the nuts should stop any leakage.
FILL FLOAT WITH BALLAST

Adjust the float by the cross-shaped thread and sliding it up or down on the float rod until the water level is at the marked water line.

Test flush the toilet.

Check all connections for leakage for several days.

Set the tank cover in place on the tank.

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**TROUBLESHOOTING CHART**

<table>
<thead>
<tr>
<th>SYMPTOMS</th>
<th>PROBABLE CAUSES</th>
<th>CORRECTIVE ACTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Float valve turns on/off by itself without toilet being flushed.</td>
<td>A. No slack in flapper chain assembly, holding flapper off seat.</td>
<td>A. Adjust flapper chain assembly for proper slack.</td>
</tr>
<tr>
<td></td>
<td>B. Flush valve flapper ball worn, dirty or misaligned with flush valve seat; or seat corroded so flapper will not seal.</td>
<td>B. Inspect, clean and, if necessary, replace flapper ball and/or seat.</td>
</tr>
<tr>
<td>2. Float valve continues to run, allowing water to enter tank.</td>
<td>A. Foreign particles lodged under the float valve seal (located under float valve cap).</td>
<td>A. Shut off water supply; remove float valve cap assembly by rotating 1/8 turn counterclockwise. Cover uncapped lower valve unit with an inverted cup (holding it to prevent overspray), and turn water on and off a few times. Clean float valve seal surface (located under float valve cap). Replace float valve cap assembly by engaging lugs and rotating 1/8 turn clockwise. Turn water on. Install filter in supply line to prevent recurring problems.</td>
</tr>
<tr>
<td></td>
<td>B. Float valve seal (located under float valve cap) may be cracked or split.</td>
<td>B. Replace seal.</td>
</tr>
<tr>
<td></td>
<td>C. Tank water level set above overflow level.</td>
<td>C. During fill cycle, hold float under water a few seconds to allow it to fill with water ballast. Adjust float by adjust the cross-shaped thread on float rod and sliding float up or down on float rod until water level is at marked water line.</td>
</tr>
<tr>
<td></td>
<td>D. Water leaking past flush ball.</td>
<td>D. Replace flush ball.</td>
</tr>
<tr>
<td></td>
<td>E. Trip lever binding, holding flush ball open.</td>
<td>E. Turn trip lever nut clockwise to loosen until trop lever no longer binds.</td>
</tr>
<tr>
<td>3. Incorrect water level height.</td>
<td>A. Valve float cup does not contain enough water to provide required ballast.</td>
<td>A. During fill cycle, hold float under water a few seconds to allow it to fill with water ballast. Adjust float by adjust the cross-shaped thread on float rod and sliding float up or down on float rod until water level is at marked water line.</td>
</tr>
<tr>
<td></td>
<td>B. Float height incorrect.</td>
<td>B. Adjust the cross-shaped thread on float rod until water level is at marked water line.</td>
</tr>
<tr>
<td>4. Long or noisy tank fill cycle.</td>
<td>A. Plugged valve inlet or supply line.</td>
<td>A. Perform Corrective Action 2.A.</td>
</tr>
<tr>
<td>5. Poor flush.</td>
<td>A. Water level is too low.</td>
<td>A. Adjust water tank level.</td>
</tr>
<tr>
<td></td>
<td>B. Trapway or rim holes are obstructed.</td>
<td>B. Unclog trapway; clean rim holes.</td>
</tr>
<tr>
<td></td>
<td>C. Soil pipe or vent is obstructed.</td>
<td>C. Clear obstruction from soil pipe or vent.</td>
</tr>
<tr>
<td></td>
<td>D. Supply shut-off valve not fully open.</td>
<td>D. Open supply shut-off valve.</td>
</tr>
<tr>
<td>6. Toilet overflows.</td>
<td>A. Toilet trapway is obstructed.</td>
<td>A. Use plunger to unclog.</td>
</tr>
<tr>
<td></td>
<td>B. Soil pipe or vent is obstructed.</td>
<td>B. Clear obstruction from soil pipe or vent pipe.</td>
</tr>
<tr>
<td>7. Toilet does not activate.</td>
<td>A. Chain is not connected to lift rod or flush valve.</td>
<td>A. Reconnect the chain.</td>
</tr>
</tbody>
</table>

**SYMPTOMS**

A. Adjust flapper chain assembly for proper slack.

B. Inspect, clean and, if necessary, replace flapper ball and/or seal.

C. During fill cycle, hold float under water a few seconds to allow it to fill with water ballast. Adjust float by adjust the cross-shaped thread on float rod and sliding float up or down on float rod until water level is at marked water line.

D. Replace flush ball.

E. Turn trip lever nut clockwise to loosen until trip lever no longer binds.

F. During fill cycle, hold float under water a few seconds to allow it to fill with water ballast. Adjust float by adjust the cross-shaped thread on float rod and sliding float up or down on float rod until water level is at marked water line.

G. Valve float cup does not contain enough water to provide required ballast.

H. Float height incorrect.

I. Plugged valve inlet or supply line.

J. Adjust water tank level.

K. Unclog trapway; clean rim holes.

L. Clear obstruction from soil pipe or vent.

M. Open supply shut-off valve.

N. Use plunger to unclog.

O. Clear obstruction from soil pipe or vent pipe.

P. Reconnect the chain.
<table>
<thead>
<tr>
<th>现象</th>
<th>原因</th>
<th>处理措施</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. 未冲水浮球阀已自行开启</td>
<td>A. 胶盖盖链组合拉绞过紧，使橡胶盖托离阀座。 B. 浮球阀的橡胶盖磨损，轻微或与浮球阀座的位置不匹配；或阀座磨损后，使橡胶盖托不起。</td>
<td>A. 调节橡胶盖链组合以达到合适的松驰程度。 B. 检查清洗及进行清洁，如需更换橡胶盖及/或阀座。</td>
</tr>
<tr>
<td>2. 浮球阀转不动，水不断溢入水箱</td>
<td>A. 浮球阀密封圈下面有外来物卡住（在浮球阀座下）。 B. 浮球阀密封圈（在浮球阀座下）可能已破裂。 C. 水箱的水位线高度高于溢水线。 D. 浮球阀内流。 E. 浮球把头太紧，固定了浮球在开启的位置。</td>
<td>A. 关掉供水管，以逆时针方向把浮球阀封组合旋1/8圈即可拆开，将卡住的蒸盖好无遮盖的阀门组件（紧着看以防水花四溅），反旋开关水源数次。清理浮球阀密封圈的表面（在浮球阀座下）。盖上阀座组合，顺时针旋1/8圈上好，便可打开供水。在供水系统上安装过滤装置，可防止问题再次发生。 B. 更换密封圈。 C. 在水箱注水时，把浮球按在水中数秒，使其注水储水稳定下来，要调整浮球高度，只需调整浮球杆上的十字螺纹，直至水位处于标水线上。 D. 更换浮球阀。 E. 顺时针松开浮水把手的螺母，直至浮水把手松紧适中。</td>
</tr>
<tr>
<td>3. 水位线高度不正确</td>
<td>A. 阀门浮杯内装水不足以使其稳定。 B. 浮球高度不正确。</td>
<td>A. 在水箱注水时，把浮球按在水中数秒，使其注水储水稳定下来。 B. 要调整浮球高度，只需调整浮球杆上的十字螺纹，直至水位处于标水线上。</td>
</tr>
<tr>
<td>4. 水箱注水时过长或噪音过大</td>
<td>A. 阀门入水口或供水管堵塞。</td>
<td>A. 按2A措施处理。</td>
</tr>
<tr>
<td>5. 冲水不灵</td>
<td>A. 水位太低。 B. 座便器排污管或冲水孔堵塞。 C. 污水管或水源堵塞。 D. 供水管或止水阀未完全打开。</td>
<td>A. 调整水箱水位。 B. 通开冲水道及清洁冲水孔。 C. 清除污水管或管道的堵塞物。 D. 打开供水管或止水阀。</td>
</tr>
<tr>
<td>6. 装所溢水</td>
<td>A. 排污管堵塞。 B. 污水管或水源堵塞。</td>
<td>A. 用通渠泵清理排污管。 B. 清除污水管或管道的堵塞物。</td>
</tr>
<tr>
<td>7. 冲水掣不灵</td>
<td>A. 链子未能接拨冲水杆或冲水阀。</td>
<td>A. 把链子联接好。</td>
</tr>
</tbody>
</table>
CONSUMER RESPONSIBILITIES

If you live in a hard water area, make certain that the holes in the toilet rim are kept clean to ensure proper bowl flushing. Toilet bowl cleaners should be used at least once a week. Use a long-handled brush to clean the rim holes, and to clean as far into the trap as possible to prevent mineral deposits from forming.

Most toilet bowl cleaners are not harmful to the vitreous china surface of the toilet bowl. Please follow the bowl cleaner manufacturer's instructions carefully.

Do not use abrasive cleaners or solvents.

**WARNING: Risk of property or product damage.**
Do not use in-tank cleaners. Products containing chlorine (calcium hypochlorite) can seriously damage fittings in the tank. This damage can cause leakage and property damage.

Kohler Company shall not be responsible or liable for any damage to these tank fittings caused by the use of cleaners containing chlorine (calcium hypochlorite).

LIMITED ONE-YEAR WARRANTY

Plumbing Fixtures and Fittings Limited One-year Warranty

Kohler plumbing fixtures and fittings are warranted to be free of manufacturing defects.

This product is warranted for one year from date of purchase. Kohler China will be responsible for any problems caused by manufacturing defects provided with the invoice. Kohler China will, at its election, repair, replace or make appropriate adjustment where Kohler China inspection discloses any such defects occurring in normal usage within one year after purchase.

Implied warranties including that of merchantability and fitness for a particular purpose are expressly limited in duration to the duration of this warranty. Kohler China disclaims any liability for special, incidental or consequential damages. Damages to the product caused by misuse, abuse and installation that is not in accordance with the owner's manual are not covered by this warranty.

To obtain quick warranty service, please contact your dealer, or write to Kohler China. (Original sales receipt must be provided as the proof of purchase.)

Kohler China Investment Company Ltd.
Central Customer Service Center
19/F, Shanghai Square, 138 Huai Hai Road,
Luwan District, Shanghai, PRC
Zip Code: 200021

This is our exclusive written warranty.

用户须知

用户责任

如果你居住地方的水质是硬性，你必须保持冲水孔清洁，令座便器冲水正常。每星期应最少使用座便器清洁剂清洁一次，用长把手的刷子清洁冲水孔，并尽量伸入排污管洗刷，防止矿物质积聚。

大多数马桶清洁剂对座便器表面是无害的。请认真遵循马桶清洁剂制造商的指示来操作。

请勿使用腐蚀性清洁剂或溶剂。

警告：提防楼宇受损或损坏产品。请勿在水箱内使用冲洗剂。这些长期使用于座便器，水箱内的冲洗剂（通常为蓝色固体）因其含氯（次氯酸钙）会严重破坏水箱内的配件（如：橡皮、软铬），从而引起渗漏，或对楼宇结构造成损坏。

科勒公司对此类因使用氯（次氯酸钙）而引致的水箱装置损毁，概不负责。

陶瓷及浴缸产品及配件担保——一年有限担保

科勒公司担保其陶瓷及浴缸产品及配件在制造工艺上无瑕疵。

本产品自购买之日起即获得本公司一年的质量保证。在质保期内，凭购货发票，科勒公司将免费承担由制造质量引起的任何问题。经核查后，科勒中国有限公司有权决定维修、更换，还是作适当的调整。

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科勒(中国)投资有限公司
中央客户服务部
上海市卢湾区淮海中路138号
上海广场19楼
邮政编码：200021

这是我们全部的书面担保。
**Finish/color code must be specified when ordering.**

**Note:**

- **K-4662T**
- **K-4663T**

Toilet Seat

Finish/color code must be specified when ordering.

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**VITREOUS CHINA SIPHON WASH ONE-PIECE TOILET**

**Service Parts Page**

- **VITALO**
- **K-3386-JA**

**Hardware**

- **Pack, Seat**
- **84252**

- **Tank Cover**
- **1000490**

- **Flapper Assembly**
- **84986-A**

- **Flush Valve Assembly**
- **84676**

- **Gasket**
- **84674-A**

- **S-hook**
- **52176**

- **50881**

- **Washer**
- **50832**

- **Nut**
- **84301**

- **Tank Accessory Pack**
- **85307**

- **Washer**
- **84683**

- **83140**

- **Support**

- **38820**

- **O-Ring**

- **83141**

- **Flow Regulator**

- **78132**

- **Nut**

- **77779-CP**

- **Flange**

- **84778**

- **Lock Nut**

- **85353**

- **Adapter G1/2**

- **G1/2**

- **85352**

- **Nut**

- **84301**

- **Tank Accessory Pack**

- **77779-CP**

- **Trip Lever**

- **84301**

- **Washer**

- **50881**

- **50832**

- **Nut**

- **1009667**

- **Closet Bolt Cap**

- **1013092-**

- **Bolt Caps (2)**

- **1033004-T01-A**

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**K-4662T-**

**K-4663T-**

**Finish/color code must be specified when ordering.**