#### See "Troubleshooting" (P.13) before asking for repairs.

# For advice on repairs and handling, first contact your dealer. Dealer: Address: Tel:

#### TOTO Asia Oceania Pte. Ltd.

Telephone: 65-6744-6955 FAX : 65-6841-0819

Address : 10 Eunos Road 8 #12-07 Singapore Post Centre Singapore 408600

Website : asia.toto.com

#### TOTO KOREA LTD.

전화번호 : (02)-3141-8236 FAX 번호: (02)-3141-8240

: 서울시 마포구 상수동 351-16번지 로이코빌딩 3층

홈페이지: http://www.totokr.co.kr

#### TOTO LTD.

TOTO web site http://www.toto.com/index.htm

### TOTO

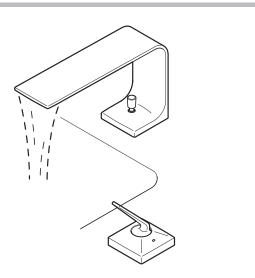
## 不锈钢 台式单柄双控洗面器水嘴

型号

TLP02301型 • TLP02303型

TLP02304型 • TLP02306型

TLP02307型 • TLP02308型



- ◆首先对您选购本公司的产品表示我们最真诚的谢意。 请务必仔细阅读本使用说明书并正确地进行使用。
- ◆阅读后请妥善保管,以便随时取阅。

■ 1史
<b>【使用方法</b> 使用方法 6-
<b>▮</b> 保养

I /+ m ---

口学促美

日常保养										8	3-	1	0
定期保养										11	-	1:	2

上分种情况时

■人会作用のいり	
是故障吗?	13-15
售后服务	16

联系方式 …………见封底

# 安全上的注意事项(为了安全起见,

#### 使用前,请细读本「安全上的注意事项」的内容,并正确地使用。

- ●阅读后,请务必妥善保管在使用者随时可取阅之处。
- ●为了安全、正确的使用产品,防止给您或者他人的人身及财产安全造成损失,此说明 书采用了许多标志。

各标志与含义如下:

标 识	含 义
⚠ 警告	这一标志表示无视此标志的内容,进行误操作的话,可能导致人员重伤或死亡。
⚠ 注意	这一标志表示无视此标志的内容,进行误操作的话,可能造成人员伤害或物质财产损失。

■需遵守的内容通过以下标志加以区分、说明。



◇ 表示不可行「禁止」之意。 左图表示「禁止拆解」。



● 表示必须「强制」实行的内容。

左图表示「必须实行」。

因产品型号不同,图片与实物可能存在差异。

### ⚠ 警告

供热水温度不得超过90℃,建议供热水温度为60℃.供热水管 请勿使用蒸汽。

否则可能会造成产品使用寿命缩短、损坏、烫伤以及因发生漏水而造 成弄湿家具等财产损失。



请勿进行诸如安装非本产品结构零件以外的部件、或取下零件 等改装

「否则可能损伤产品性能,导致烫伤·受伤、因漏水导致浸湿财产、致使 财物受损。

残障人士及智力能力缺陷和常识缺乏者(包括儿童)需在专人 监护下使用本产品。

否则会造成烫伤、受伤。

### <u></u> 警告



除了本说明书内所记载的项目以外,禁止拆解

否则可能因产品受损导致烫伤·受伤、因漏水导致浸湿财产、致使财物

#### 禁止拆解



使用高温热水时,切勿直接碰触水嘴本体。

水嘴本体处于高温状态可能会造成烫伤。

#### 禁止碰触

使用前,请务必确认把手的位置

使用热水时,直接从热水侧放水,会因流出的高温热水而烫伤。为避 免烫伤,请先从冷水侧打开,然后慢慢地调整到适当的水温。

使用高温热水后,请放一段时间冷水冷却

否则在下次使用时,可能会因产品内残留的高温热水而造成烫伤。



请定期(一年两次以上)检查给排水管周围(箱柜:检查口内 必须实行等)有无漏水或松动现象。

> 否则,可能因老化或磨损等原因导致烫伤·受伤、因漏水导致浸湿财产、 |致使财物受损。

> 为确保正常使用,冷水供水压力必须高于或等于热水供水压力。

供热水压力如果高于冷水压力,将导致无法正常调节温度或造成烫伤。 如果必须给热水侧加压时,热水侧压力必须低于冷水水压。

### <u></u> 注意

不要施加强力或冲击。

否则可能会造成破损,以及因发生漏水而造成的家具浸湿等财产损失。

请勿使把手承受过大的力量

否则可能会造成破损,以及因发生漏水而造成的家具浸湿等财产损失。

请勿对产品施以重压,或拽拉产品

否则可能会造成产品破损以及因发生漏水而造成弄湿家具等损坏财产。



禁 ıΕ 请勿对拉杆施加过度的压力、撞击,或拉出拉杆

否则可能导致产品无法良好运作或发生故障。

请勿使用非中性洗涤剂。

(见第10页)

使用非中性洗涤剂时,可能会造成变色或破损。

部件出现松动时请及时维护。

否则会因零部件损坏,或表面镀层出现裂纹而导致受伤。 如出现以上现象,请立即委托修理。

请勿在室外或可能结冰的地方使用。

否则可能导致部件破损,从而因漏水浸湿财物致使财物受损。

### <u></u>注意

#### 请慢慢地操作手柄

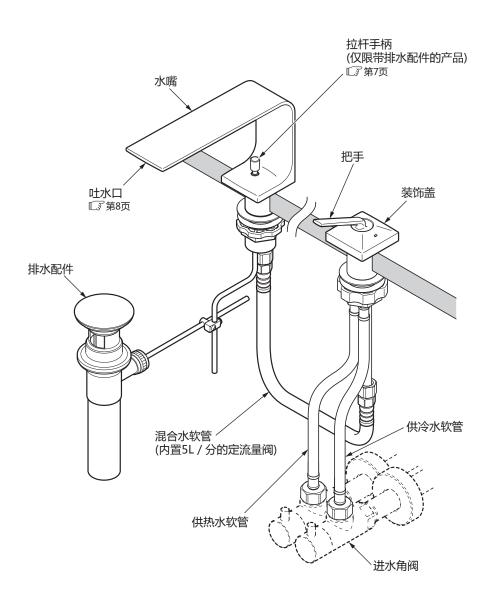


关闭过快时,水管会发出「咚」的撞击声音,使水管收到冲击进而可 能导致漏水而造成的家具浸湿等财产损失。

使用前

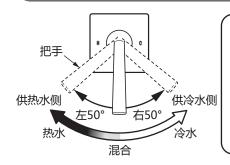
|必须实行||长期不使用时,请务必关闭进水角阀或供水管道总阀| 否则会发生漏水等意外事故。

# 各部位名称



# 使用方法

### 温度调节方法

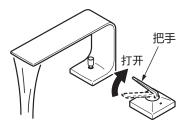


### 旋转把手。

以中央部为基点,旋到右侧会出来冷水,愈往左侧旋转,水温愈高。

向左旋转到底为最高温度位置

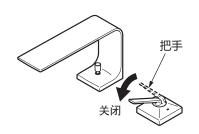
### 吐水 (热水)



### 打开把手。

开始吐水。 完全打开则流水量最大。

### 止水(热水)



### 关闭把手。

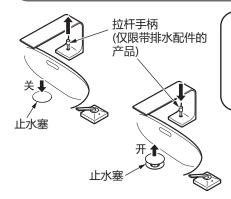
停止吐水。

请慢慢地操作把手。否则可能会出现水锤 现象。

#### 注意

「水锤现象」是指关闭过快时发出「咚」的噪音,并非产品问题。因可能导致供水管损伤或漏水,所以必须慢慢地关闭手柄,以免出现水锤现象。

### 止水塞的开关



### 向上提拉拉杆

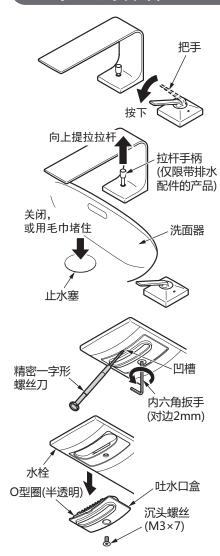
关闭止水塞,可在洗面器中储水。

# 日常保养

为了充分发挥产品功能、延长使用寿命,以及确保使用时的卫生美观,请您经常进行保养。

因给水管内垃圾而引起的问题。请按下列要领进行保养维修。

### 吐水口的保养



1. 按下把手。

2. 关闭洗面器的止水塞。

关闭止水塞,以免零件丢失,或用毛巾堵住排水口。

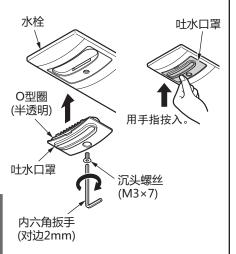
3. 用内六角扳手(对边2mm)松开沉 头螺丝而拆下。

4. 将精密一字形螺丝刀插入吐水 口罩与水嘴之间的凹槽,拆下 外壳。

请注意不要遗漏吐水口罩的O型圈。

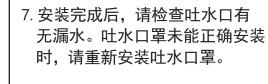


5. 用牙刷等清理堵住整流网的垃圾或污垢。



6. 将吐水口罩安装在水嘴上后用 沉头螺丝固定。

> 吐水用手指将吐水口罩安装在水嘴上 后,拧紧固定螺丝。



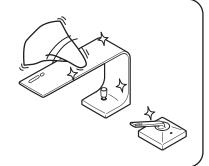
### 用软布擦拭保养

●轻微污垢时

用冷水或温水将软布打湿后拧干,擦除污垢。

●污垢严重时

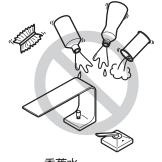
用适量稀释好的餐具用中性洗涤剂沾湿软布, 再用其软布擦除污垢,然后用清水擦干净。



#### 建议

请勿使用可能损坏产品表面的下列物品。

- ·酸性清洗剂、含氯的漂白剂、碱性清洗剂 否则可能会造成产品表面变色或树脂零件损坏。
- ·香蕉水、挥发油等溶剂 否则可能会造成橡胶或树脂零件损坏。
- · 去污粉、研磨粉等含有粗颗粒物质的清洗剂
- ·百洁布,刷子等 否则可能会损伤产品表面。

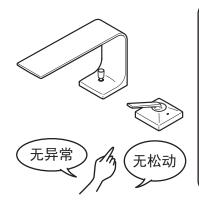


- ・香蕉水
- ·酸性·碱性清洗剂
- · 去污粉



为了能够安全、舒适地使用本产品,请务必进行下列检查。

### 产品的松动(一年两次以上)



与开始使用时相比,检查产品有无松动等异常部位。

如果在水管周围松动状态下继续使用时,会对水管施加压力,并可能会造成漏水。

此外若无视松动等异常现象,可能造成零件破损或 产品表面破裂,从而导致受伤。

发现有松动时,先拆下装饰盖,然后再重新拧紧固定本体的螺丝。

若仍未解决松动时,请委托经销商或代理店进行修理。(收费)

#### 把手的固定方法

请关闭进水角阀后再进行相关操作。



- ①将精密一字形螺丝刀插 入手柄与装饰盖之间 后,边抬起装饰盖边取 下。
- ②抬起把手后用内六角扳 手(对边2.5mm)重新拧 紧固定螺丝。
- ③将保护盖穿过把手后 按入到台面而进行安 装。



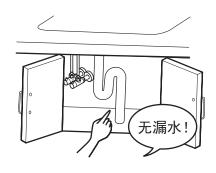




#### 注意保护盖的方向



### 给排水管周围的漏水(一年两次以上)



#### 检查给排水管周围有无漏水

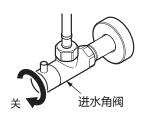
因老化和磨损会导致零件损坏,进而导致受伤、或因漏水导致浸湿财产等事故的发生。

发现漏水时,请关闭管道总阀(见13页), 然后请委托经销商或代理店进行修理。

12)

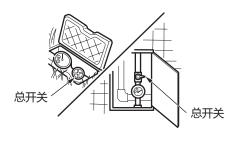
### 紧急时的止水方法

发生给水管周围漏水、无法止水等紧急情况时,请根据下图要领关闭进水角阀或管道总阀。



关闭进水角阀。

仍无法止水时,请关闭管道总阀。



●下列情况并非故障。委托进行修理之前,请检查以下项目。如果依然没有恢复正常,敬请垂询为您安装的安装公司,销售店或东陶(中国)有限公司。 详情请参照"售后服务"(第16页)。

委托修理前								
现 象	检查项目	处置方法	参照页数					
不止水	把手是否降低到止水位置? (是否完全关闭)		第7页					
流量较小	进水角阀是否完全打开?	完全打开进水角阀。	_					
加至权引	吐水口是否堵塞?	清洁吐水口。	第8・9页					
只有热水	冷水侧的进水角阀是否完全打开?	完全打开进水角阀。	_					
只有冷水	   热水侧的进水角阀是否完全打开? 	完全打开进水角阀。	_					
八有/才小	热水供给设备是否供给充足的热水?	确认热水供给设备的设定温度和工作状态。	_					
	热水和冷水侧的进水角阀是否完全 打开?	完全打开进水角阀。	_					
工汁烟井	热水供给设备是否供给充足的热水?	确认热水供给设备的设定温度和动作状态。	_					
上 无法调节 温度	吐水口是否堵塞?	清洁吐水口。	第8・9页					
	以中央部为基点,把手是否旋至 左侧?	进需要使用高温热水 (调节温度)时,需以中 央部为基点,手柄旋至 左侧进行温度调节。	第6页					
把手松动	把手的固定螺栓是否松开?	重新拧紧松开的螺栓。	第11页					
只出冷水	以中央部为基点,把手是否旋至 左侧?	将把手旋至左侧。	第6页					

不清楚进水角阀的位置时,请参见「各部位名称」(第5页)之内容。

# X种情况

#### ●下列现象并非故障。

现 象	说 明	参照页数
水嘴本体下方有残留水	①洗手或洗脸时的溅起的水残留在水嘴本体下方。 ②可考虑是因用湿手操作手柄时,将手 上的滴水残留在水嘴本体下方。 这并不是漏水。	
感到流水声大。	因水压过高或使用流量过大时,可能会发生该现象。通过采取减小流量的措施,即可降低流水声。	_
与初次使用时相比,使用 一段时间后,可能会感到 把手操作时有些紧	这是因内部零件相互磨合、适应后的结果, 并非故障。	_

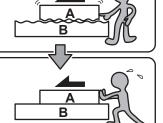
#### 小知识

#### 零件(陶瓷阀)的相互适应

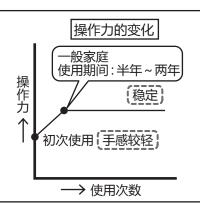
将把手往上下或左右操作时,图中的A和B零件相互摩擦。



初次使用时,因为有细微的凹凸,相互 摩擦的表面较窄,所以使用时可能会感 到手感较轻。



随着凹凸被磨平,相互间的摩擦面扩大,导致与初次使用时相比,操作手感加重。



# 售后服务



[委托修理前,请确认「是故障吗? | 之内容(第13页)。]

#### 零件的更换

免费修理而更换下的部件、产品属东陶(中国)有限公司所有。

#### 磨损・老化零件的更换

- ●请委托经销商或代理店更换磨损·老化零件。

#### 委托修理时

[委托修理地点] 经销商或代理店

#### [需联络的内容]

- ①地址、姓名、电话号码
- ②产品名称 ③型号
- ④安装日期
- ⑤故障内容、异常情况 (从哪里漏水等)
- 6希望到府上的维修日期



15

这种情况时

#### 委托修理前,请确认「是故障吗?」之项(第13页)。

#### 需要询问修理和使用时, 请首先与购买的安装公司或经销商联系

安装公司·经销商

邮编

电话号码

经销商: 东陶(中国)有限公司

全国售后服务电话: 800-820-9787 (固定电话)

400-820-9787 (手机用户)

地 址:北京市朝阳区光华路1号 北京嘉里中心北楼1915室

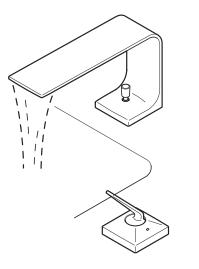
网 址:www.toto.com.cn

# TOTO株式会社 TOTO网页 http://www.toto.com/index.htm

### TOTO

# Single Handle Faucet with Rest Room Counter

Model Number TLP02301, TLP02303 TLP02304, TLP02306 TLP02307, TLP02308



- ◆Thank you for choosing TOTO's Single Handle Faucet with Rest Room Counter.
  For the best performance, please read this manual
- For the best performance, please read this manual carefully.
- ◆Keep this manual in a safe handy place for future reference.

### Introduction

Safety Precautions ······1	-4
Names of Parts·····	5

### **How to Use**

How to use6	-
-------------	---

### Maintenance

Daily Care	3-10
Periodic Checks ······1	1-12

### What to Do?

Troubleshooting 13-1	5
After-Sale Services 1	6

Information ..... Back cover

# **Safety Precautions**

(Be sure to follow all precautions for safety sake.)

#### Read the section on "Safety Precautions" thoroughly to ensure proper use.

- •Read this manual carefully and keep it where it is easily available.
- •This manual employs various indications in order to install the product safely and properly and to prevent harm to the customer and other people as well as, damage to their property.

The indications and meanings are as follows.

Symbol	Meaning
<b>⚠ WARNING</b>	This indication means that if the content in the column of this indication is ignored or handled wrongly, death or serious injury may occur.
<b>A</b> CAUTION	This indication means that if the content in the column of this indication is ignored or handled wrongly, injury or property damage may occur.

■The contents you must observe are classified into the following symbols; their meanings are explained.



ntroduction

Ondicates things that you must not do as "Prohibited". The left figure indicates that "Disassembly is Prohibited".



Indicates things that you must do without fail as "Mandatory". The left figure indicates to "Execute it without fail".

The parts of some models may differ in shape from drawings.

### **MARNING**

#### Do not use the water hotter than 90°C.

If the water hotter than 90°C is used, the water may scald you and the life of the faucet may shorten causing it to break and leak water that may wet household articles and cause damage to your property.



Prohibited

Do not modify the product using parts other than those that constitute this product or by mounting other parts or dismounting original parts.

Otherwise, the product may not perform to expectations and leak water that may wet household articles and cause damage to your property.

Do not let a child alone use the product.

### **⚠ WARNING**



**Prohibited** 

Do not disassemble parts other than those described in this manual.

Otherwise, the water may scald or injure you and the product may break and leak water that may wet household articles and cause damage to your property.



Touch

When you use the high-temperature hot water, do not directly touch the spout.

The spout is heated hot and you may get scalded.

#### Check the lever handle location before discharging water.

If you discharge water from the hot water side, hot water comes out and may scald you. When you use hot water, start first with cold water and then adjust the water temperature slowly to desired temperature.

#### After using hot water, flow cold water for a while.

When you use the faucet the next time, the hot water that remains in the faucet comes out and may scald you.



Periodically (More than twice a year) check around the piping (cabinet, inside of the inspection port, etc.) for any water leaks and looseness.

Part(s) may break due to deterioration and wear and you may be scalded or injured, or water may leak, wet household articles and cause damage to your property.

Set the cold water supply pressure higher than the hot water supply pressure or set them to the same pressure.

If the hot water supply pressure is set higher than the cold water supply pressure, the temperature cannot be adjusted to appropriate temperature and you may be scalded. When increasing the hot water supply pressure, be sure to set the hot water supply pressure lower than the cold water supply pressure or set them to the same pressure.

Child may get scolded or injured.

### **A** CAUTION

Do not subject the product to strong force or impact.

Otherwise, the product may break and leak water that may wet household articles and cause damage to your property.

Do not subject the lever handle to strong force or impact.

The lever handle may break and leak water that may wet household articles and cause damage to your property.

Do not put your body weight on the product or hang on the product.

The product may break and leak water that may wet household articles and cause damage to your property.



Prohibited

Do not subject the pushbutton to strong force or impacts, and do not pull it.

Otherwise, malfunction or trouble may be caused.

Do not use cleaning agents other than neutral detergent.

(Refer to page 10.)

If you use cleaning agents other than neutral detergent, the faucet may discolor or break.

Do not leave the abnormality-like looseness as it is.

If looseness is left as is, part(s) may break and injure you. If you detect any broken part(s), immediately ask for repairs.

Do not use the product in any place where freezing can be expected.

Otherwise, the parts may break and leak water that may wet household articles and cause damage to your property.

### **A** CAUTION

Operate the lever handle slowly.



Mandatory

as the piping is impacted by water hammering. In some cases, water may leak whereby wetting household articles and causing damage to your property.

If the product will not be used for a long period of time, close the water shutoff valve and the main valve of the piping.

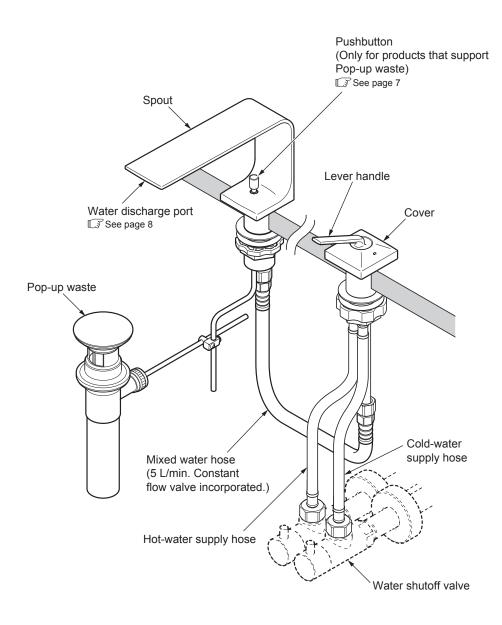
Introduction

If you close the water discharge port, a loud "banging" noise is heard

Unexpected accidents like water leaks may be caused.

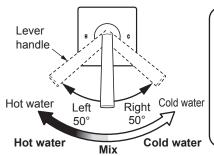
 $\mathbf{A}$ 

## **Names of Parts**



### How to Use

### How to adjust the temperature

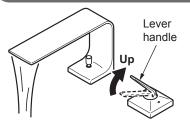


#### Turn the lever handle.

Cold water comes out if you turn the lever handle to the right of center. If you turn it to the left, the water temperature rises gradually.

If you turn the lever handle fully to the left, the water temperature rises to the maximum.

### To use cold/hot water

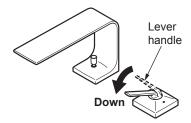


#### Lift the lever handle.

Water comes out.

At the highest position, the flowrate becomes the maximum.

### To stop cold/hot water



#### Lower the lever handle.

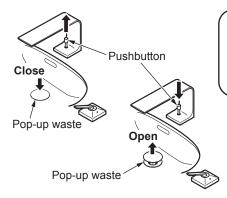
Water stops coming out.

Operate the lever handle slowly. In some cases, you may incur water hammering.

#### Note

**"Water hammering"** is a phenomenon that causes a loud "banging" sound. It is not due to trouble with the faucet, but when the water is stopped suddenly. However, this phenomenon may cause damage to piping and leak water. Therefore, lower the lever handle slowly to avoid water hammering.

### Open and close the pop-up waste



#### Raise the pushbutton.

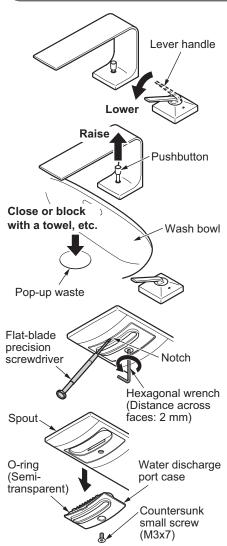
The pop-up waste close and water can be accumulated in a wash bowl.

# **Daily Care**

In order for the product to exert its full performance and to be used in a sanitary condition, perform care daily.

It due to debris inside building piping, clean the pipe(s) as follows.

### Care for the water discharge port



1. Lower the lever handle.

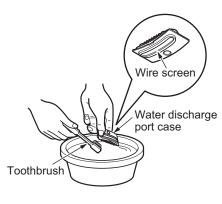
2. Close the pop-up waste of the wash bowl.

Close the pop-up waste without losing parts. Block the water drain valve with a towel, etc.

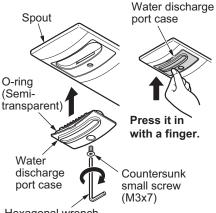
- 3. Loosen and remove the countersunk small screw using a hexagonal wrench (distance across faces: 2 mm).
- 4. Insert the flat-blade precision screwdriver in the notch between the water discharge port case and the spout, and remove the water discharge port case.

Pay attention not to lose the O-ring of the water discharge port case.

(M3x7)

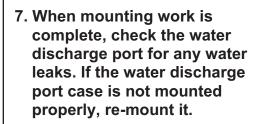


5. Remove dirt and debris caught in the wire screen using a toothbrush, etc.



6. Assemble the water discharge port case on the spout and lock it in place with the countersunk small screw.

Press the water discharge port case into the spout with a finger and tighten the setscrew.



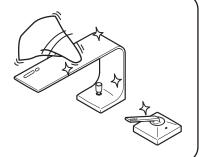
### Wiping with a cloth

#### Slightly dirty

Soak a piece of cloth in cold or lukewarm water, wring well and wipe away dirt completely.

#### Stubborn dirty

Wipe off dirt with a piece of cloth impregnated with appropriately diluted neutral bath cleaner, then blot up any residual dirt and water with a dry piece of cloth.



#### **Notes**

Do not use the materials that may break the faucet.

 Acidic detergents, chlorine bleaches and alkali detergents

The faucet surface may discolor or the plastic part(s) may break.

- Solvents such as thinner, benzine, etc. Rubber and plastic part(s) may break.
- Detergents that contain coarse particles such as cleansers, polishing powders, etc.
- Nylon scrubbers, scrubbers, brushes, etc. The faucet surface may be damaged.



Thinner Acidic/alkali detergents Cleansers

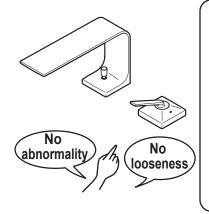
Hexagonal wrench
(Distance across faces: 2 mm)



### **Periodic Checks**

For safe and comfortable use, please conduct the following checks.

### Looseness of the product (More than twice a year)



# Check for any parts that seem abnormal such as being loose as compared to when you first began using the product.

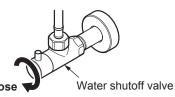
If you continue to use the product with loose piping, load is applied to the pipe(s) and may result in water leakage.

If you leave any abnormality like looseness unfixed, part(s) may break or plated surfaces may crack whereby injuring you.

If you find a loose part, remove the cap and retighten the screw that anchors the main body. In case the looseness cannot be repaired, ask your dealer or seller for repairs (subject to billing).

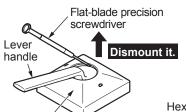
#### How to anchor the lever handle

Close the water shutoff valve before starting work.



(1) Insert a flat-blade precision screwdriver into the clearance between the lever handle and the cover, and lift and remove the cover.

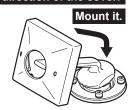
(2) Lift the lever handle and retighten the setscrew with a hexagonal wrench (distance across faces: 2.5mm). (3) Pass the cover over the lever handle, press it into the counter surface and mount it.



Cover

Hexagonal wrench (Distance across faces: 2.5 mm)

Pay attention to the direction of the cover.



### Water leak around piping (More than twice a year)



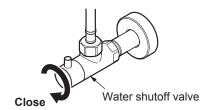
# Check to see if there is any water leaking around the piping.

Part(s) may break due to deterioration or wear and you may be injured, and water may leak, wet household articles and cause damage to your property.

If water leaks, close the water shutoff valve and the main valve (see Page 13) and ask your dealer or seller for repair.

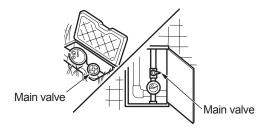
### How to stop water in an emergency

In case of an emergency such as leaking water around the piping or water does not stop flowing, close the water shutoff valve or the main valve as shown in the figure below.



Close the shutoff valve.

If water still does not stop, close the main valve.



•The following phenomena are not troubles. Before asking for repairs, check the following points. If the troubles persist, ask your dealer for repairs. For details, check the after-sale services (page 16).

Before asking for repairs									
Phenomena	Check Point	Remedy	Ref. Page						
Water does not stop.	Is the lever handle lowered down to the water stop position? (Is the water stop valve fully close?)	Lower the lever handle down to the water stop position.	Page 7						
The flowrate is too slow.	Is the water shutoff valve fully open?	Control the flowrate from water shutoff valve.	_						
is too slow.	Is the water discharge port clogged?	Clean the water discharge port.	Page 8, 9						
Only hot water comes out.	Control the flowrate from water shutoff valve.	Control the flowrate from water shutoff valve.	_						
Only cold	Is the water shutoff valve on the hot-water side fully open?	Control the flowrate from water shutoff valve.	_						
water comes out.	Is a sufficient volume of hot water coming from the water heater?	Check the water heating temperature and the operation of the water heater.	_						
	Are the water shutoff valves on the hot-/cold-water sides fully open?	Control the flowrate from water shutoff valve.	_						
Temperature cannot be	Is a sufficient volume of hot water coming from the water heater?	Check the water heating temperature and the operation of the water heater.	_						
adjusted	Is the water discharge port clogged?	Clean the water discharge port.	Page 8, 9						
well.	Is the lever handle turned to the left side of center?	Cold water and hot water can be mixed (temperature can be adjusted) on the left side of the center of the lever handle.	Page 6						
Lever handle is loose.	Is the screw that anchors the lever handle loose?	Retighten the loose screw.	Page 11						
Only cold water comes out.	Is the lever handle turned to the left side of center?	Turn the lever handle to the left side.	Page 6						

If you do not know the location of the water shutoff valve, please refer to "Names of Parts" (in page 5).

#### •The following phenomena may occur but they are **not due to any trouble**.

	· · · · · · · · · · · · · · · · · · ·	
Phenomena	Explanation	Ref. Page
Water accumulates in the base of the faucet main body.	<ul> <li>(1) Water splashed when washing hands or face accumulates in the base of the main body.</li> <li>(2) The water may have run along the handle, because it was operated with wet hands, and accumulated in the base of the main body. It is not a water leak.</li> </ul>	
The sound of flowing water is loud.	This sound may be generated due to high water pressure or use at a high flowrate.	ı
Handle operation is heavier that when first using the product.	This is due to the fact that the parts inside the product fit each other well and become stable during use. This is not due to any trouble.	_

#### Fitness of parts (Ceramic valves)

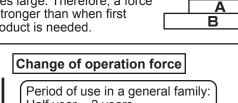
When you move the handle up and down or to the right and left, parts A and B shown in the figure rub against each other.

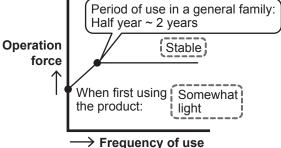


aiT

When first using the product, since the indents are minute and the friction area is very small, both parts readily move.

The indents are worn and the friction area becomes large. Therefore, a force somewhat stronger than when first using the product is needed.





## **After-Sale Services**

Years of use 10 11 12 Daily care and checking by customer Consideration Date of Replacement of consumable parts installation replacement Replacement of worn and degraded parts (Ask your dealer depending on the status of wear and degradation.)

[Before asking for repairs, please check "Troubleshooting" (Page 13).]

#### Replacement of part(s)

Parts and products that are dismounted for repairs belong to TOTO.

#### Replacement of parts subject to wear and deterioration

- •If the valve and packing wear or deteriorate, water may leak. Replacement of applicable parts is necessary.
- Ask the place of purchase to replace worn or deteriorated parts.

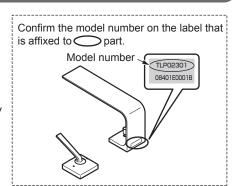
#### When asking for repairs

#### [Where to ask for repair]

Your dealer or seller

#### [Information we want to know]

- (1) Address, name and telephone number
- (2) Name of product (3) Model number
- (4) Date of installation
- (5) Details of trouble and status of abnormality (From where water leaks, etc.)
- (6) Desired date of visit



Troubleshooting