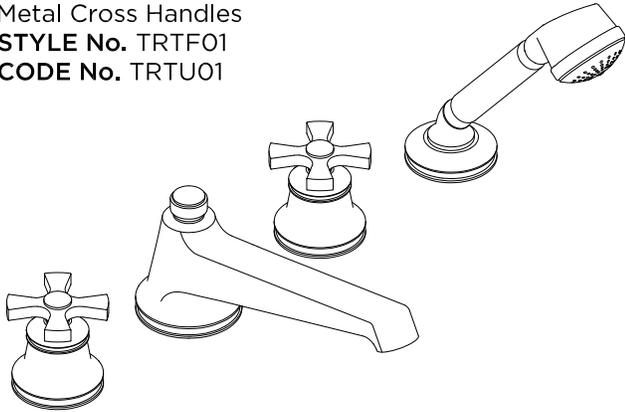
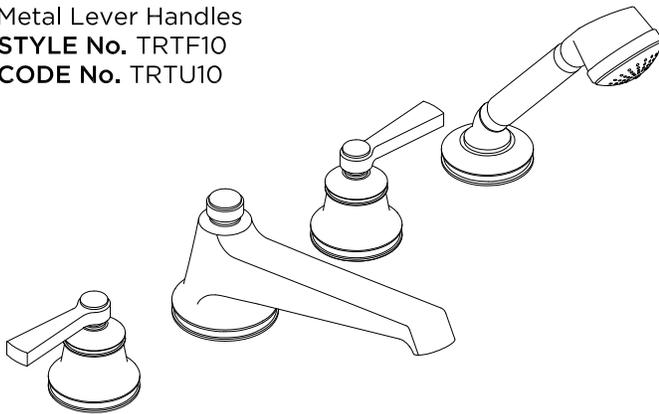


Metal Cross Handles
STYLE No. TRTF01
CODE No. TRTU01



Metal Lever Handles
STYLE No. TRTF10
CODE No. TRTU10



SPECIFICATIONS:

Handle Spread Maximum: 12"
Handle Spread Minimum: 10"
Inlet Connection Size & Type: 3/4" Male NPT
Maximum Deck Thickness: 1 7/16"
Minimum Deck Thickness: 3/8"
Maximum Water Pressure: 80psi
Minimum Water Pressure: 20psi
Fittings Hole Diameter: 1 1/2"
Recommended Water Pressure: 45psi
Restricted MAX Flow Rate: 2.0gpm (Handshower Only)

IMPORTANT:

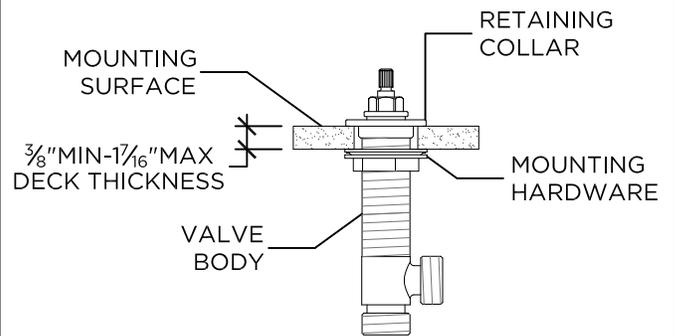
- To ensure this product is installed properly, you must read and follow these guidelines.
- The owner/user of this product must keep this information for future reference.
- Be sure your installation conforms to all federal, state, and local codes. In the State of Massachusetts, all installations must comply with the rules and regulations set forth within 248 CMR.
- Anti-scald protection is the responsibility of the installer and according to applicable codes.
- This product must be installed by a professional licensed contractor.

- Product should be on-site prior to rough-in. This allows the installer to visualize the installation and verify the center spread.
- Refer to the specification and assembly drawings attached. Product is sold partially assembled but shown fully disassembled for illustrative and service purposes only.
- Inspect this product to ensure you have all the parts required for proper installation.
- For proper installation, the deck surface should be installed prior to mounting this product. Check tub deck and tub measurements to ensure the spout projects far enough into the tub.
- An access panel is required for future servicing. Install accessible hot and cold service stop valves to facilitate servicing.
- Run 3/4" supply lines for maximum flow.
- Use only a strap wrench or protected/smooth-jaw wrench on any finished surface.

HANDLE INSTALLATION:

1. Thread the nut (13) onto the valve body (15), then place the metal washer (12) and rubber washer (11) over the valve body.
2. Thread the nut all the way down the valve body, then insert the valve into the hole on the mounting surface from below.
3. Thread the retaining collar (9) onto the valve body (15) until it stops. Make sure the o-ring (10) is under the collar.
4. Allow the collar to rest on the mounting surface and tighten the nut (13) against the underside of the mounting surface to secure the valve body. **NOTE:** There is a 3/8" MINIMUM deck thickness requirement. See Figure - 01.

FIGURE - 01



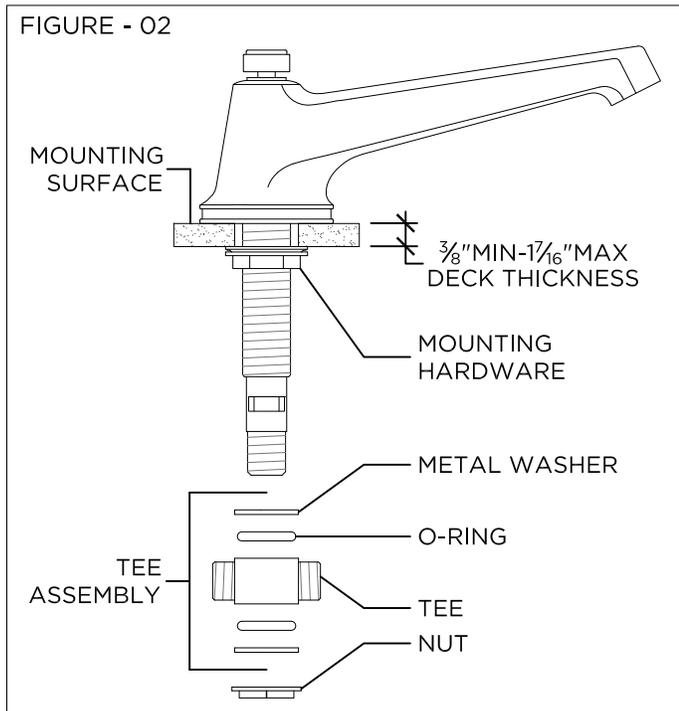
These guidelines have been prepared for the professional contractor to aid in the installation of: TRANSIT LOW PROFILE THREE HOLE DECK MOUNTED LAVATORY FAUCET WITH METAL CROSS HANDLES (STYLE No. TRTF01) AND METAL LEVER HANDLES (STYLE No. TRTF10).
All dimensions are based on origin specification and are subject to change and variation.
Please consult your Design Associate for current specifications.

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5. Thread the gland cover (7) onto the cartridge until fully seated. Make sure the washer (8) is underneath the cover.
6. Remove the indice assembly (1-2) from the handle (4 or 5) to expose the screw (3).
7. Insert the handle, in the correct orientation, into the gland cover until it stops and has properly attached to the cartridge stem.
8. Thread the screw (3) into the cartridge stem to secure the handle. Re-attach the indice assembly.
9. Repeat Steps 1-8 to install the second valve body and handle.

SPOUT INSTALLATION:

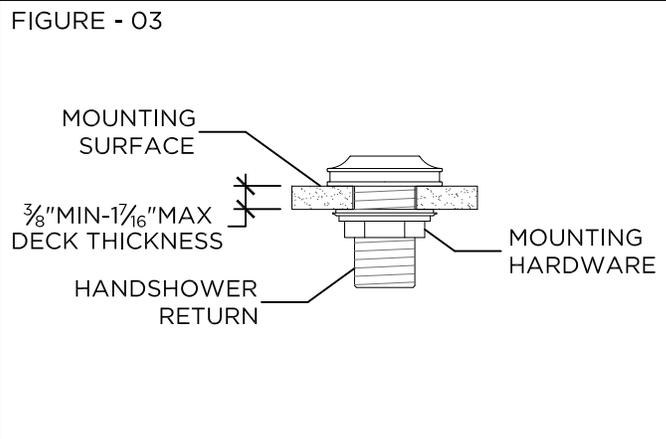
10. Unthread the nut (30) and remove the tee assembly (27-29). Remove the mounting hardware (11-13) from the spout shank.
11. Insert the spout (1) through the hole on the mounting surface. Make sure the washer (8) is underneath the spout.
12. Re-attach the mounting hardware (11-13) to the spout shank and tighten the nut (13) to secure the spout. See Figure - 02.
13. Slide the tee assembly (27-29) onto the spout shank. Thread the nut (30) onto the shank and securely tighten to compress the o-rings (28) and create a water tight seal. See Figure - 02.



14. Thread the insert housing (33) onto the spout shank. Make sure to use the washer (31) provided and that the check valve (32) is inside the housing.

HANDSHOWER INSTALLATION:

15. Remove the mounting hardware (47-49) from the handshower return (46). Insert the handshower return through the hole on the mounting surface. Make sure the washer (8) is underneath the return.
16. Re-attach the mounting hardware and tighten the nut (49) to secure the return. See Figure - 03.



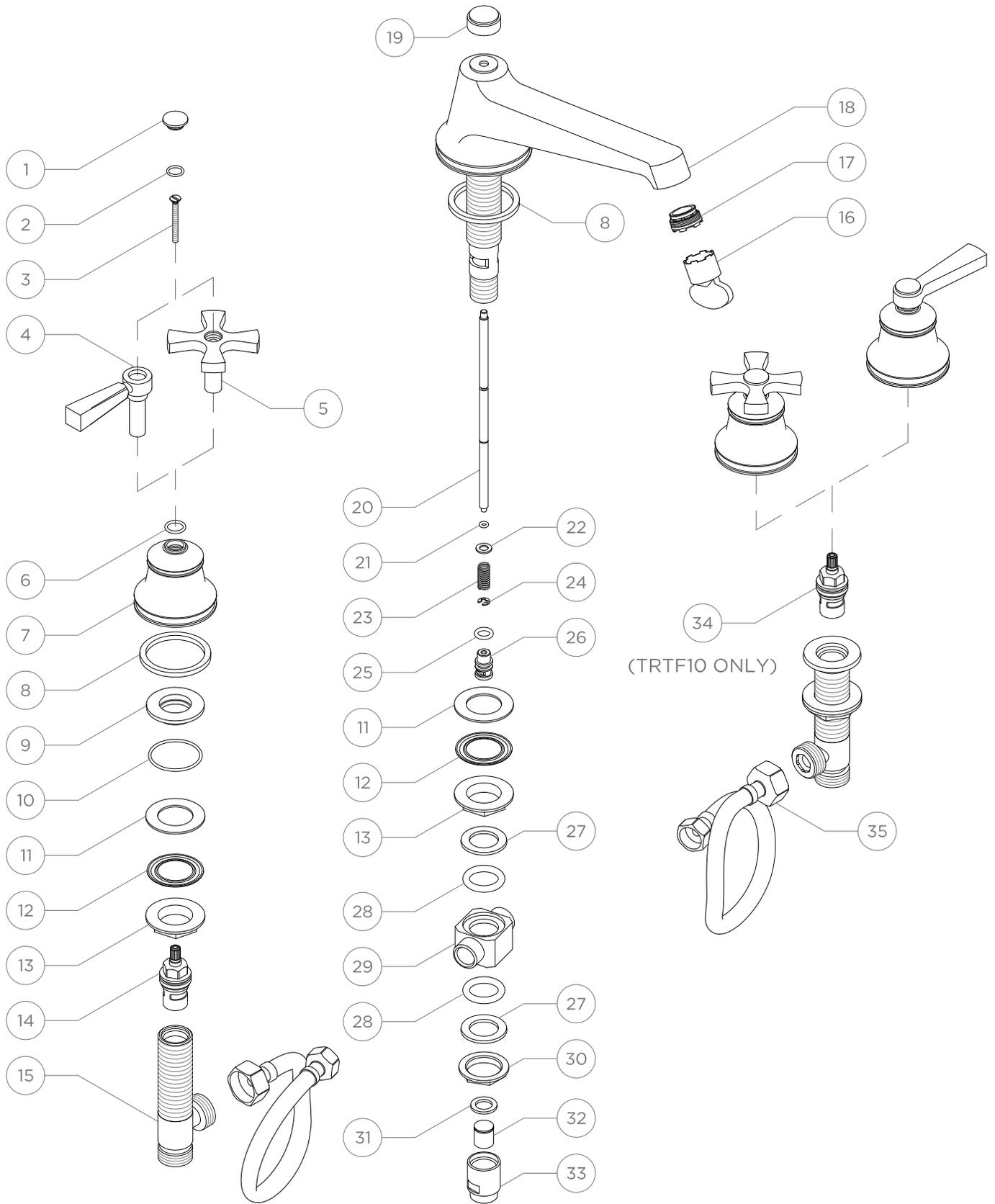
17. Thread the conical end of the handshower hose (45) onto the handshower (41), then insert the hex end of the hose into the handshower return. The o-ring (42) will allow the handshower to rest securely in the return. NOTE: A flow regulating check valve (43) is located in the inlet of the handshower.
18. Thread the hex end of the hose (45) onto the insert housing (33).

FINAL CONNECTIONS AND INSPECTION:

19. Connect the supply hoses (35) to the tee (29) then to the adjacent valve body (15). Make sure the hoses are not pinched/kinked.
 20. Connect the valve bodies to the water supply valves (NOT SUPPLIED).
 21. Remove the flow straightener (17) using the tool (16) provided, then carefully open the hot and cold valves to flush out any debris in the supply lines before diverting to the handshower. To divert to the handshower pull the knob (19) on the top of the spout.
 22. Carefully inspect all connections for leaks and check for proper operation before enclosing the unit.
- If further assistance is required, contact Product Support at 1-800-927-2120 (8am-6pm EST).

These guidelines have been prepared for the professional contractor to aid in the installation of: TRANSIT LOW PROFILE THREE HOLE DECK MOUNTED LAVATORY FAUCET WITH METAL CROSS HANDLES (STYLE No. TRTF01) AND METAL LEVER HANDLES (STYLE No. TRTF10).
All dimensions are based on origin specification and are subject to change and variation. Please consult your Design Associate for current specifications.

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These guidelines have been prepared for the professional contractor to aid in the installation of:
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TRANSIT
Low Profile Concealed Tub Filler With Handshower

Installation Guidelines

TRTF01	5	Cross Handle, Transit	2	TRTF10	4	Lever Handle, Transit	2
	14	Cartridge, CW Close	2		14	Cartridge, CW Close	1
					35	Cartridge, CCW Close	1

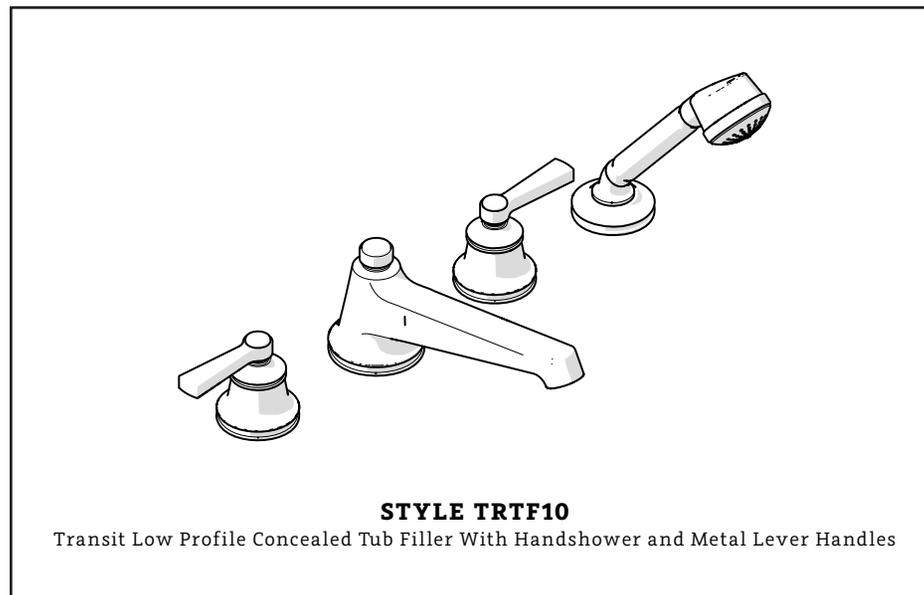
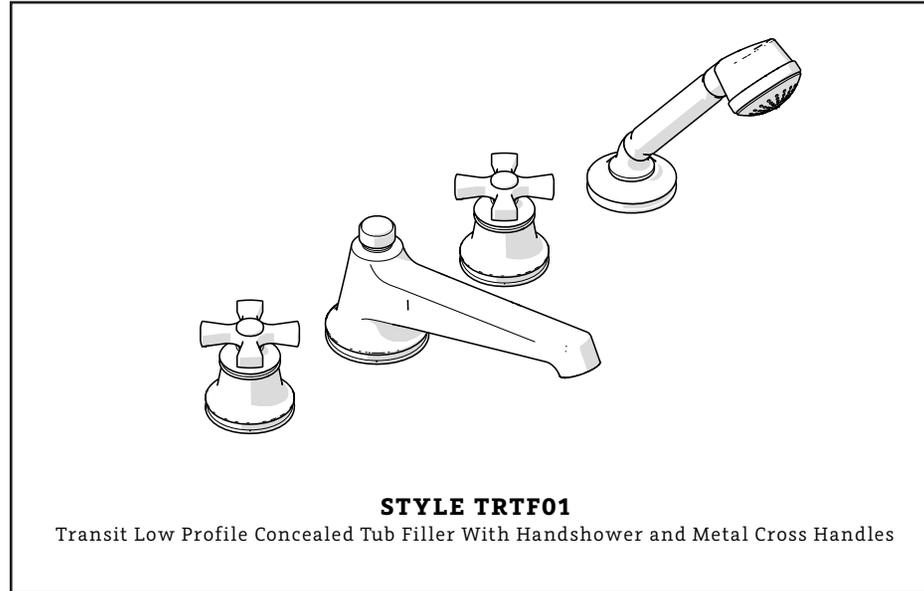
COMMON PARTS	ITEM NO.	DESCRIPTION	QTY.
	1	Indice, Blank, Transit	2
	2	O-Ring, 10.1mm ID X 1.6mm Width, Rubber	2
	3	Screw, Slotted, 20mm Length	2
	6	O-Ring, 12mm ID X 2mm Width, Rubber	2
	7	Gland Cover, Transit	2
	8	Washer, 45mm ID x 54mm OD x 4mm Thickness, Rubber	4
	9	Retaining Collar	2
	10	O-Ring, 37mm ID X 2mm Width, Rubber	2
	11	Washer, 27mm ID x 45mm OD x 1.5mm Thickness, Rubber	3
	12	Washer, 27mm ID x 43mm OD x 1.5mm Thickness, Metal	3
	13	Nut, Flange, 32mm Hex, Metal	3
	15	Valve Body	2
	16	Aerator, Tool	1
	17	Flow Straightener	1
	18	Spout, Concealed Tub Filler, Low Profile, Transit	1
	19	Diverter Knob, Transit	1
	20	Diverter Rod	1
	21	O-Ring, 3.4mm ID X 1.9mm Thickness, Rubber	1
	22	Washer, 6.8mm ID x 12mm OD x 1.2mm Thickness, Metal	1
	23	Spring	1
	24	Retaining E-Clip	1
	25	O-Ring, 9.19mm ID X 2.62mm Width, Rubber	1
	26	Diverter Shuttle	1
	27	Washer, 22.3mm ID x 35mm OD x 2.5mm Thickness, Metal	1
	28	O-Ring, 22mm ID x 5mm Width, Rubber	1
	29	Diverter Tee, 1/2" Male x 1/2" Male	1
	30	Nut, Flange, 30mm Hex, Metal	1
	31	Washer, 13mm ID x 20mm OD x 2mm Thickness, Rubber	1
	32	Check Valve	1
	33	Insert Housing	1
	34	Flexible Supply Hose, 1/2" x 3/4", 600mm Length	2
	36	Face Plate Screw, Phillips	1
	37	Face Plate, Handshower	1
	38	O-Ring, 46mm ID x 2.5mm Thickness, Rubber	1
	39	Face Plate Collar	1
	40	O-Ring, 48mm ID x 1.8mm Thickness, Rubber	1
	41	Handshower	1
	42	O-Ring, Rubber	1
	43	Flow Regulating Check Valve, 2.0gpm	1
	44	Washer, Tooth Lock, Extranal Tooth, Metal	1
	45	Handshower Hose, 2m Length	1
	46	Handshower Return, Transit	1
	47	Washer, 34mm ID x 53.5mm OD x 2mm Thickness, Rubber	1
	48	Washer, 34mm ID x 57mm OD x 1.5mm Thickness, Metal	1
	49	Nut, Flange, 38mm Hex, Metal	1

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SERVICE PARTS



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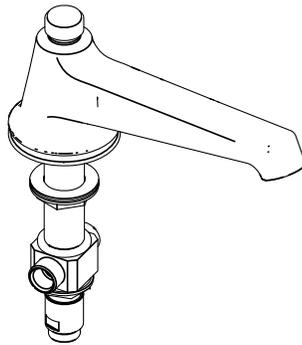
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Our warranty covers repair and replacement of Waterworks products if within the applicable coverage period and deemed defective by Waterworks. Waterworks will, at its option, repair or replace such products; this does not include installation costs, labor charges, or other incidental or consequential costs.

To obtain your complete warranty or inquire about warranty service, please visit us at www.waterworks.com or contact our Product Support Team.

MAIN KITS

809974*
SPOUT KIT



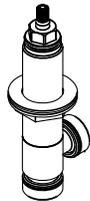
030496*
HANDLE KIT



492230*
INDICE KIT



069518*
HANDLE KIT



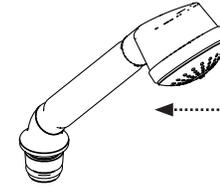
942083
COUNTERCLOCKWISE
ON SIDE BODY KIT

615482++
HOSE KIT



*FINISH/COLOR MUST BE SPECIFIED WHEN ORDERING
++SUPPLIED AS A PAIR

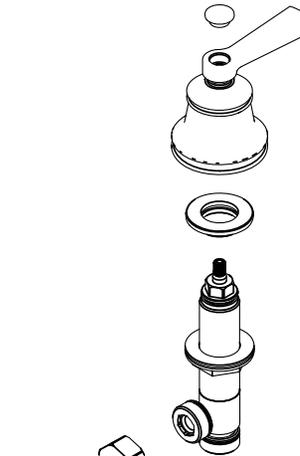
033792*
SPRAY KIT



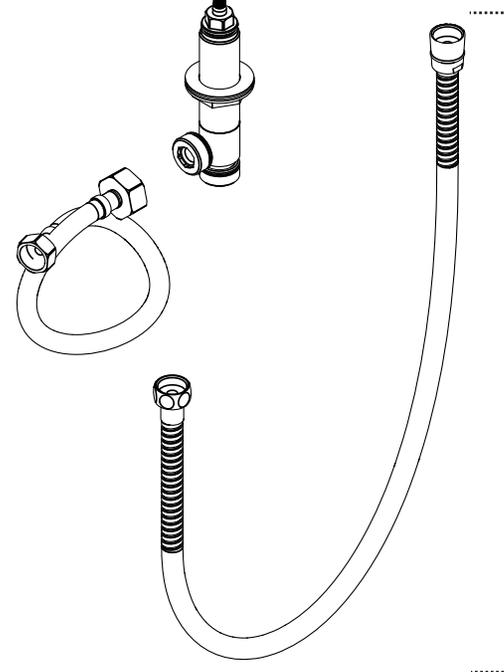
535142*
SPRAY RETURN KIT



846110
HANDLE TRIM CONNECTOR KIT



741041*
HANDSHOWER HOSE KIT

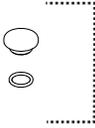


KIT COMPONENTS

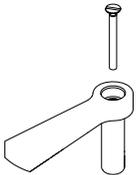
492230*

INDICE KIT

INDICE
O-RING



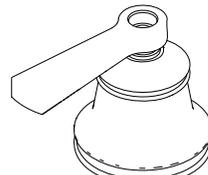
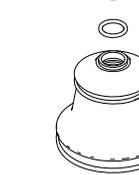
SCREW



069518*

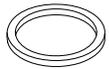
HANDLE KIT

HANDLE
O-RING



GLAND COVER

RUBBER WASHER



SCREW

030496*

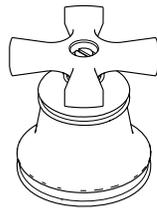
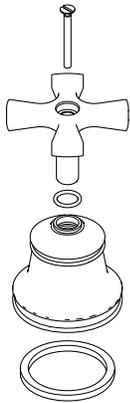
HANDLE KIT

HANDLE

O-RING

GLAND COVER

RUBBER WASHER



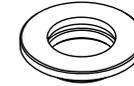
*FINISH/COLOR MUST BE SPECIFIED WHEN ORDERING
++SUPPLIED AS A PAIR

KIT COMPONENTS

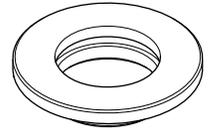
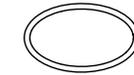
846110

HANDLE TRIM
CONNECTOR KIT

RETAINING COLLAR



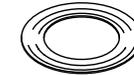
O-RING



RUBBER WASHER



METAL WASHER



NUT

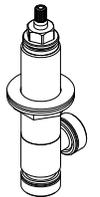
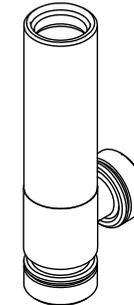


942083

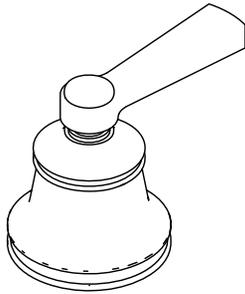
COUNTERCLOCKWISE
ON SIDE BODY KIT

337847

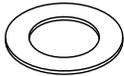
COUNTERCLOCKWISE
ON VALVE CARTRIDGE



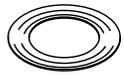
KIT COMPONENTS



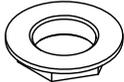
RUBBER WASHER



METAL WASHER



NUT

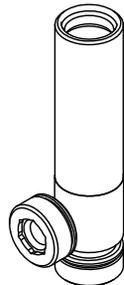


258790

CLOCKWISE ON
VALVE CARTRIDGE

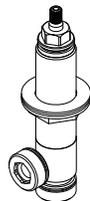


VALVE BODY



203324

CLOCKWISE ON SIDE
BODY KIT

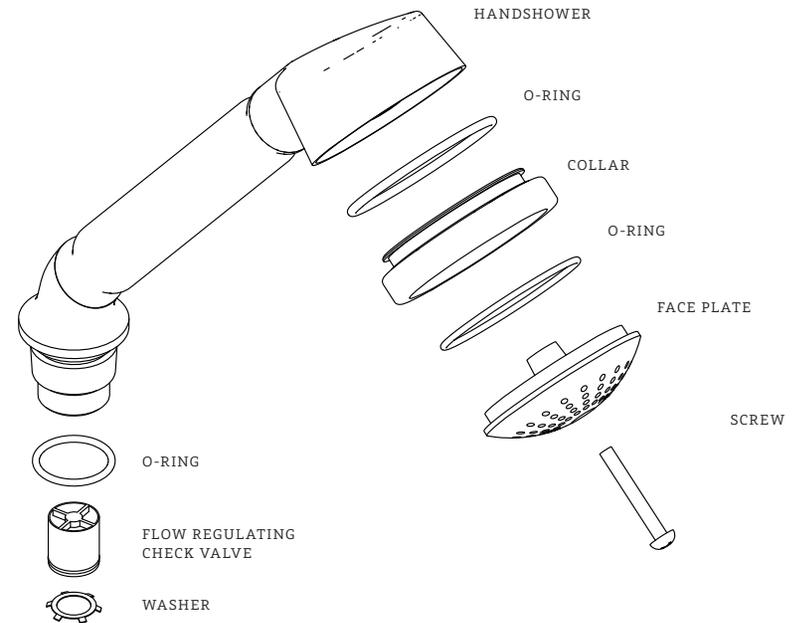


*FINISH/COLOR MUST BE SPECIFIED WHEN ORDERING
++SUPPLIED AS A PAIR

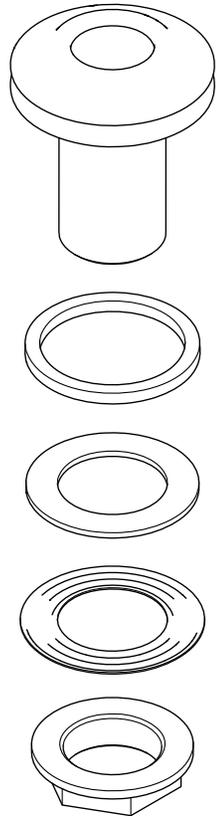
KIT COMPONENTS

033792*

SPRAY KIT



KIT COMPONENTS



ESCUTCHEON

RUBBER WASHER

RUBBER WASHER

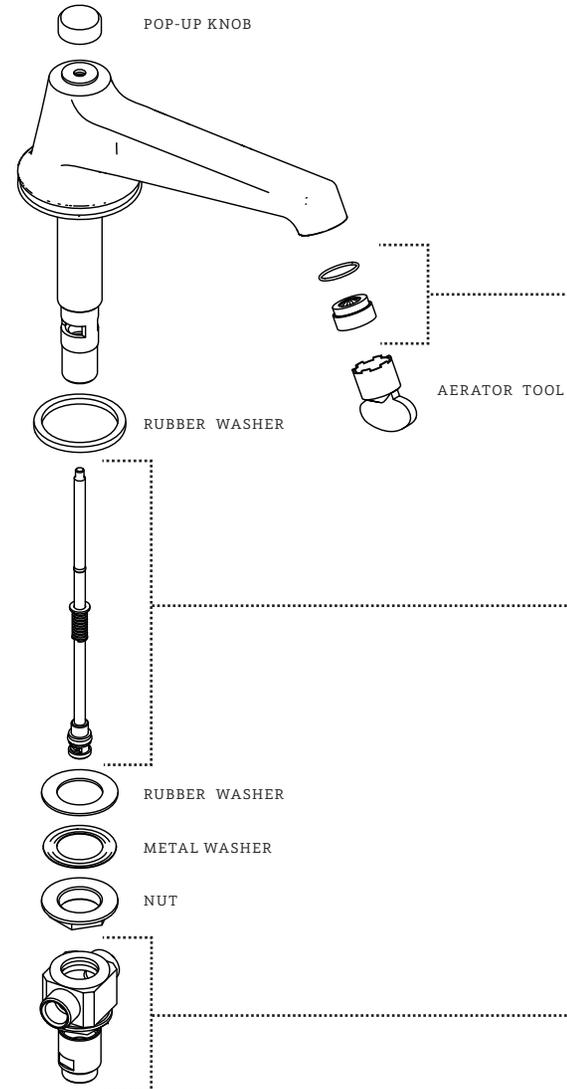
WASHER

NUT



SPRAY RETURN KIT

KIT COMPONENTS



POP-UP KNOB

RUBBER WASHER

RUBBER WASHER

METAL WASHER

NUT



AERATOR TOOL

100397
AERATOR KIT

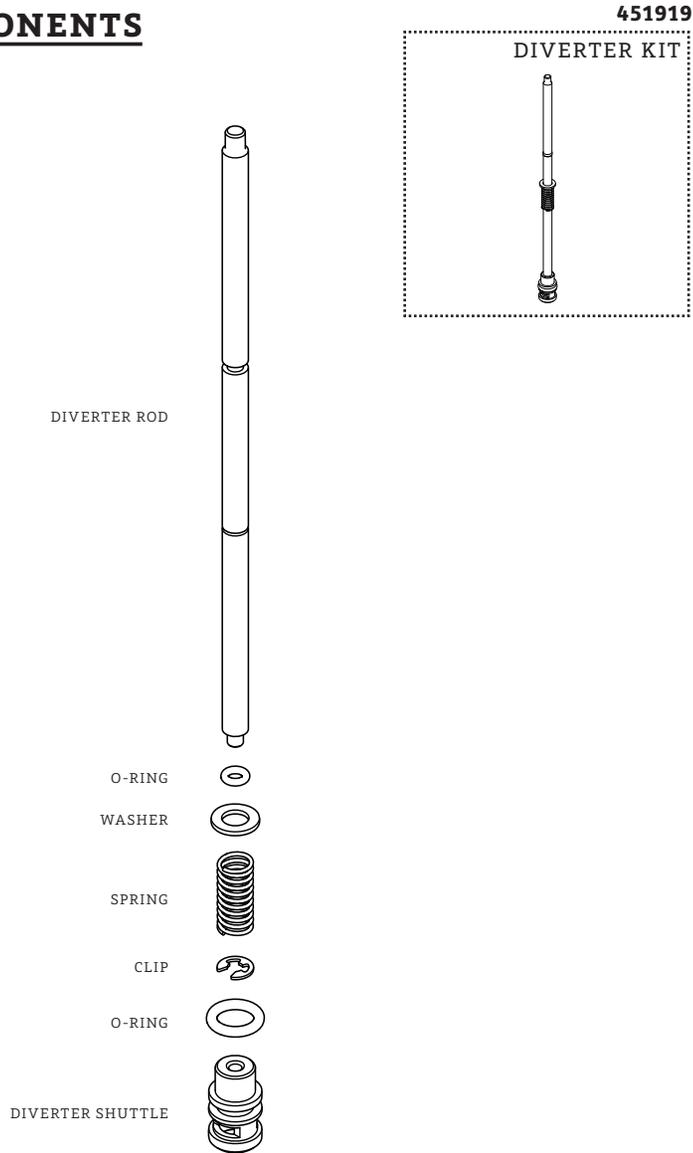
451919
DIVERTER KIT

390669
TEE KIT

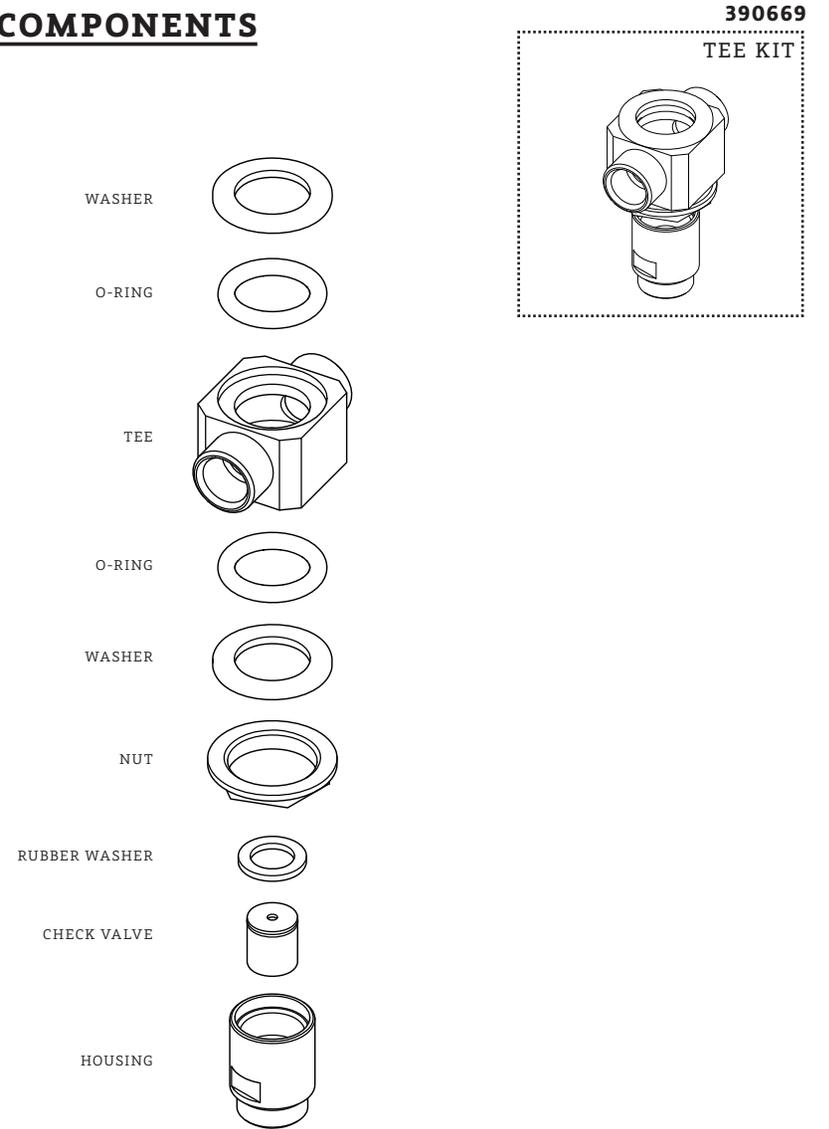


SPOUT KIT

KIT COMPONENTS



KIT COMPONENTS



NOTES

SERVICE PARTS INDEX

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258790	CLOCKWISE ON VALVE CARTRIDGE	6
942083	COUNTERCLOCKWISE ON SIDE BODY KIT	5
337847	COUNTERCLOCKWISE ON VALVE CARTRIDGE	5
451919	DIVERTER KIT	10
069518*	HANDLE KIT	4
030496*	HANDLE KIT	4
846110	HANDLE TRIM CONNECTOR KIT	5
741041*	HANDSHOWER HOSE KIT	2
615482++	HOSE KIT	2
492230*	INDICE KIT	4
809974*	SPOUT KIT	9
033792*	SPRAY KIT	7
535142*	SPRAY RETURN KIT	8
390669	TEE KIT	11

STYLES: TRTF01, TRTF10

NOTES

*FINISH/COLOR MUST BE SPECIFIED WHEN ORDERING
++SUPPLIED AS A PAIR

NOTES

STYLES: TRTF01, TRTF10

NOTES

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