Watco Manufacturing Co.

Trip Lever Installation Instructions

See next panel for trip lever variations.

Step 1. If necessary, cut pipe to desired length to fit the tub.

Step 2. Assemble bath drain pipe and fittings.

For solvent-weld fittings (Schedule 40): Follow the instructions on the solvent cement container, using the appropriate solvent cement for the type of plastic being assembled. Arrow on tee must be pointing downward for installation. Do not allow solvent cement to enter tee cavity.

For slip joint fittings (brass or tubular plastic): Slide slip nut, then plastic washer or brass ferrule onto drain elbow. Insert elbow into tee and tighten slip nut by hand, then another 1/8 turn with wrench. Repeat for overflow elbow. Note: If brass ferrules are used with brass pipe, joints can be soldered.

Step 3. Secure drain elbow and drain flange gasket under the tub by screwing in the strainer body through the tub drain hole from inside the tub. **Caution: Avoid contact of plumber's putty with ABS plastic parts.**

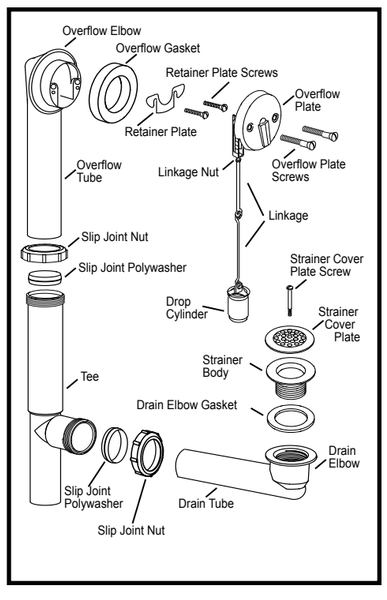
Step 4. Place overflow gasket on overflow elbow and place the overflow elbow against the back of the tub aligned with the overflow hole on the bathtub.

Step 5. From inside the tub, start the two retainer plate screws in the bottom two holes in the overflow elbow. Hang the retainer plate over the screw heads and tighten the screws until the retainer plate makes contact with the interior tub wall and overflow gasket is tight against the exterior tub wall.

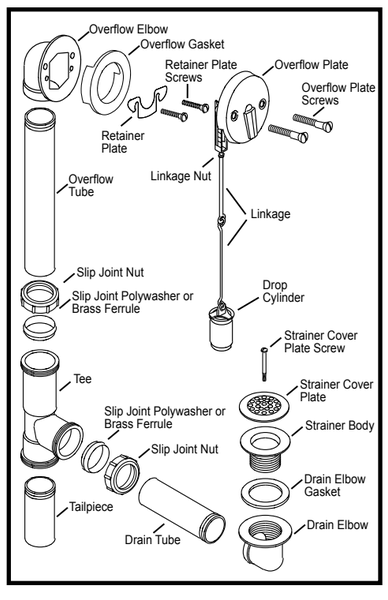
Step 6. Install overflow plate and drop cylinder assembly with overflow plate screws. (See next panel for variations; for QUICK ADJUST®, see Drawing A) Make sure brass linkage is not kinked (see Drawing B).

Step 7. If necessary, remove overflow plate and drop cylinder assembly and readjust to ensure drain stops water when in the closed position. The drop cylinder should bottom out inside the tee slightly before the fully-closed position. A slow drip from inside the tee is normal and acceptable.

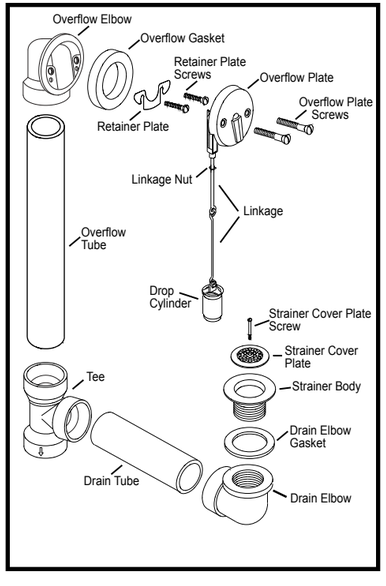
Model 500-TL / Model 550-TL



Models 501/502-TL / 551/552-TL



Model 600-TL / Model 650-TL



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Always A Step Ahead

IMPORTANT!
On Schedule 40 trip lever bath wastes, the arrow on tee must be pointing down.
Do not allow solvent cement to enter tee cavity.

Watco Manufacturing Co.

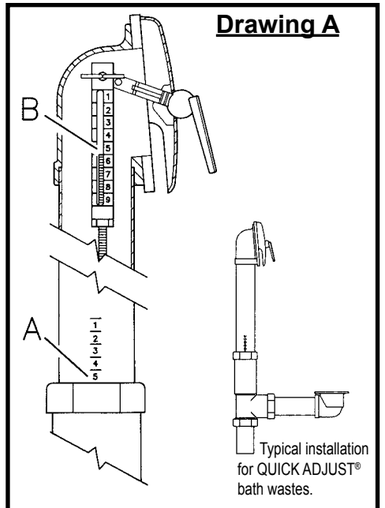
Trip Lever Installation Instructions for

QUICK ADJUST® • SLIP LOCK® • TURNSTYLE®

See previous panel for general trip lever instructions.

QUICK ADJUST® Trip Lever

Drawing A



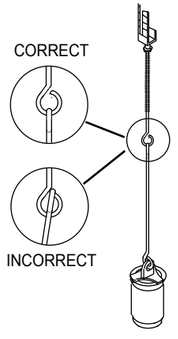
A. Establish rough-in length at overflow elbow scale.

B. Adjust nut on threaded-rod on the linkage clevis until the number matches the number on the overflow elbow scale.

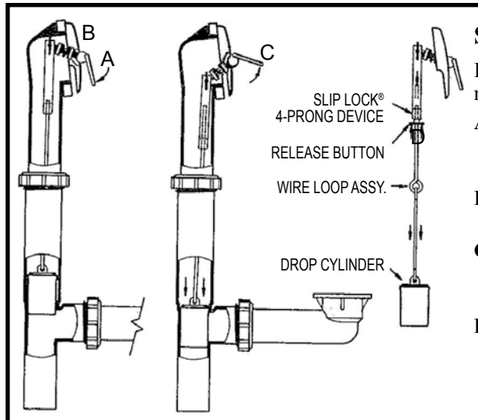
B. Tighten nut securely.

Drawing B

All trip-lever drains:
Make sure brass linkage is not kinked.



SLIP LOCK® Trip Lever



SLIP LOCK® Installation:

Install bath waste assembly in normal sequence (reverse side).

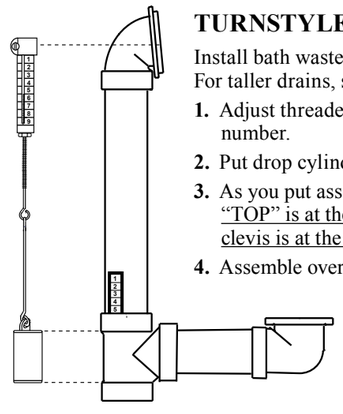
A. Insert drop-cylinder assembly into overflow with trip lever in down (open) position.

B. Screw overflow plate onto overflow drain.

C. Push trip lever firmly to up (closed) position to set drop cylinder.

D. To readjust or lengthen drop-cylinder assembly, slide release button up to SLIP LOCK® 4-prong device and push hard while pulling wire-loop assembly in opposite direction.

TURNSTYLE® Trip Lever

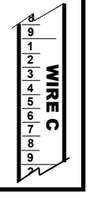


TURNSTYLE® Installation:

Install bath waste assembly in normal sequence (reverse side). For taller drains, see note below.

1. Adjust threaded rod so overflow number matches linkage number.
2. Put drop cylinder assembly in the overflow.
3. As you put assembly into overflow, make sure the word "TOP" is at the 12:00 position **AND** the ARM that holds the clevis is at the 3:00 position.
4. Assemble overflow plate.

For taller drains:
To determine correct wire loop, look at wire number specified on pipe where pipe meets the tee (see Drawing A). Change linkage to wire indicated.



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Always A Step Ahead

IMPORTANT!
On Schedule 40 trip lever bath wastes, the arrow on tee must be pointing down.
Do not allow solvent cement to enter tee cavity.

For Assistance, call:
800-821-8576
Monday-Friday: 8:00 a.m.-4:30 p.m. CT

Cutting – Sizing Instructions with Wire Templates

Use this life-size template to determine which supplied wire is the correct length.

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Always A Step Ahead

Instructions for Sizing/Cutting the Tubular Plastic 550 Series

PRODUCTS WILL FIT ALL BATH TUBS FROM 13-1/4" TO 22-1/2" DEEP.

Step 1: Measure the depth from the center of the tub overflow hole to the tub drain.
Step 2: Cutting Overflow Tube: From your measurement in Step 1, look at the table below and cut off the amount specified for that length.
Step 3: Selecting Correct Double-Loop Wire: From your measurement in Step 1, look at the table below and select the wire specified for that length.

TABLE FOR 550 SERIES TUBULAR PLASTIC

YOUR MEASUREMENT	MARK/CUT OVERFLOW TUBE	USE WIRE
13¼" to 15½"	Cut 4" off bottom of overflow tube	B
15¼" to 17½"	Cut 4" off bottom of overflow tube	C
17¼" to 20"	No Cut	D
20" to 22½"	No Cut	E

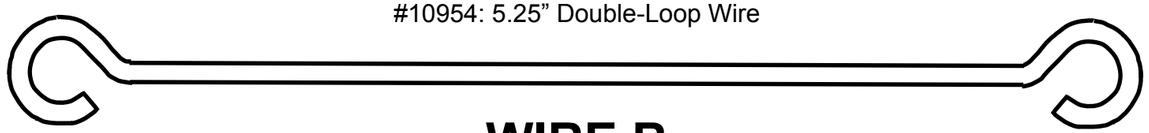
After installation:

The scale on the back of the overflow tube indicates which wire to use.

Match the correct wire to the life-size drawings below.

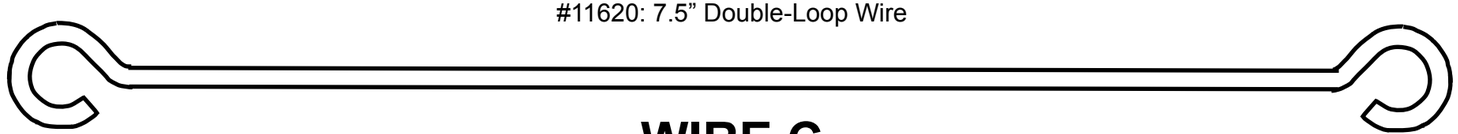
WIRE A

#10954: 5.25" Double-Loop Wire



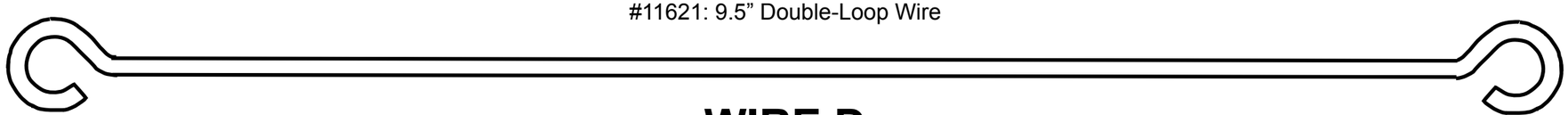
WIRE B

#11620: 7.5" Double-Loop Wire



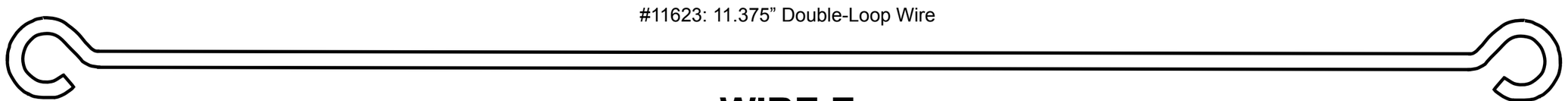
WIRE C

#11621: 9.5" Double-Loop Wire



WIRE D

#11623: 11.375" Double-Loop Wire



WIRE E

#11624: 13.5" Double-Loop Wire

Instructions for Sizing/Cutting the Tubular Brass 551/552 Series

PRODUCTS WILL FIT ALL BATH TUBS FROM 13-1/4" TO 22-1/2" DEEP.

Step 1: Measure the depth from the center of the tub overflow hole to the tub drain.
Step 2: Cutting Overflow Tube: From your measurement in Step 1, look at the table below and cut off the amount specified for that length.
Step 3: Selecting Correct Double-Loop Wire: From your measurement in Step 1, look at the table below and select the wire specified for that length.

TABLE FOR 551/552 SERIES TUBULAR BRASS

YOUR MEASUREMENT	MARK/CUT OVERFLOW TUBE	USE WIRE
13¼" to 15½"	Cut exactly 7" off bottom of overflow tube	B
15¼" to 17½"	Cut exactly 5" off bottom of overflow tube	C
17¼" to 20"	Cut exactly 3" off bottom of overflow tube	D
20" to 22½"	No Cut	E

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