PIONEER

INSTALLATION

PIONEER INDUSTRIES, INC.
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www.pioneerind.com

Tools:

Adjustable Wrench

Plumbers Putty

Teflon Tape

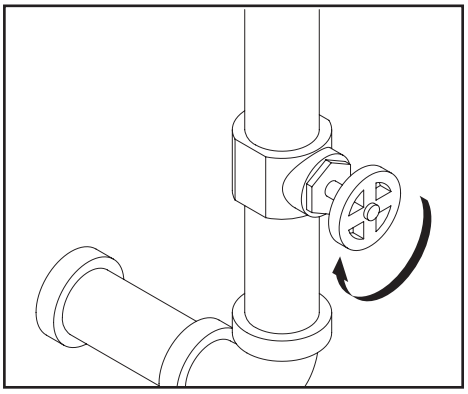
Rags

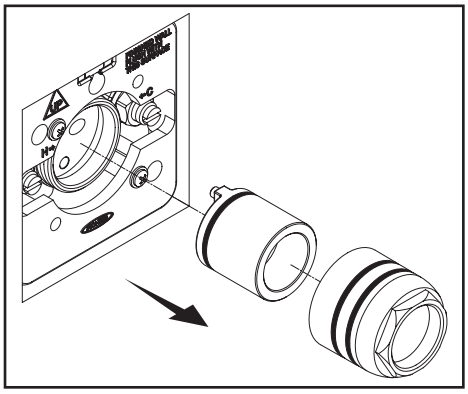
Model Number: T-4MTXXX, T-4MOXXX, T-4PRXXX
T-4MTX11X0

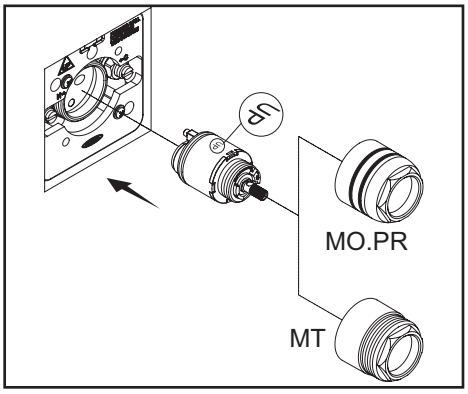
Warnings and Notes:
Check with local plumbing code requirements before installation.
This product should be installed by a local listed plumber.
Do not use plumbers putty on threads.

Installation Steps:

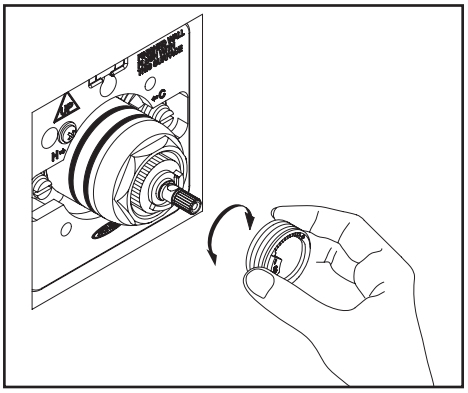
Single Handle Tub / Shower Trim Set

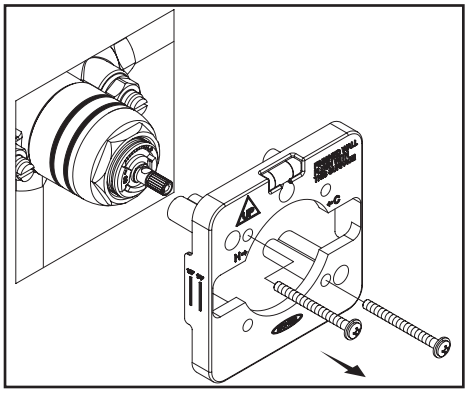

(1) Turn off water supply.

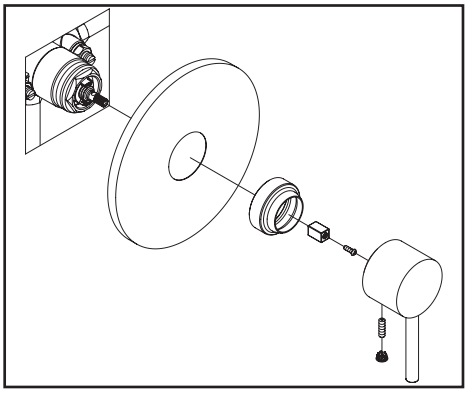

(2) Remove sleeve nut and test cap.

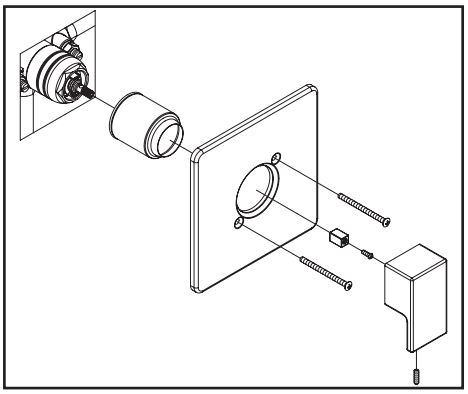


(3) Make sure “UP” marking is on top, install the cartridge and hand tighten the sleeve nut. Then tighten the sleeve nut a quarter turn more by using a wrench or a 1-7/16" socket to secure the cartridge. CRUCIAL: MAKE SURE TO APPLY 15 INCH/LB TORQUE TO THE SLEEVE.

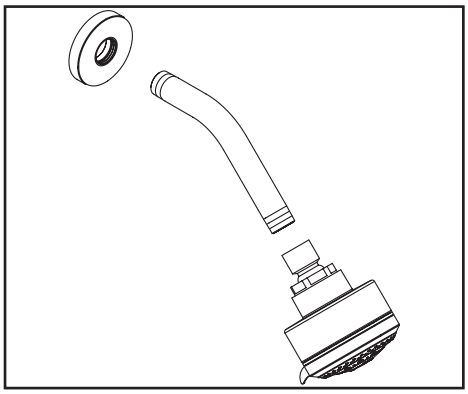

(4) With cartridge in off position; lift and adjust temperature limit cap to desired temperature, turn clockwise to decrease the temperature setting and turn counter-clockwise to increase the temperature setting.


(5) Remove mud guard.

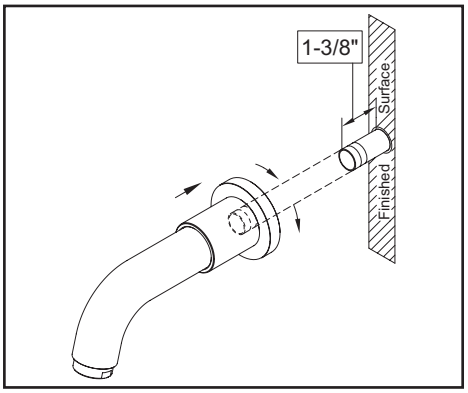

(6) **For T-4MTXXX Installation:-** Fasten the sleeve securely, attach the face plate, tighten the retaining nut, and then fit the handle.

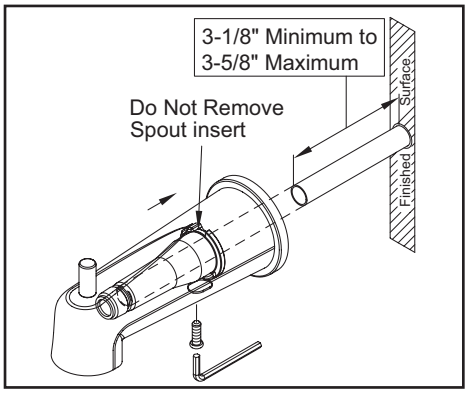


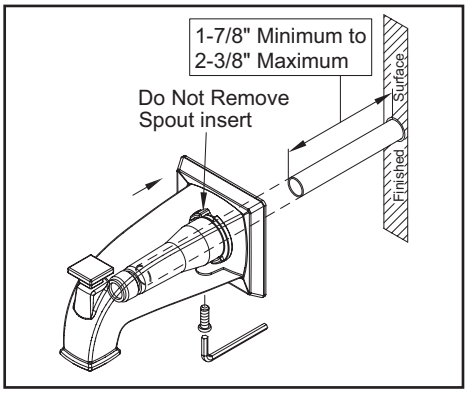
(7) **For T-4MOXXX, T-4PRXXX Installation:-** Affix the sleeve, join the face plate, and secure the handle.



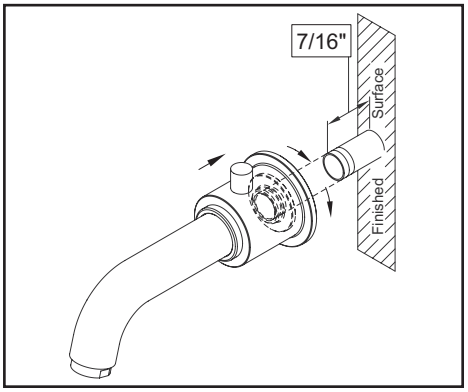
(8) Apply Teflon tape on both thread ends of the shower arm and install shower arm and shower head.



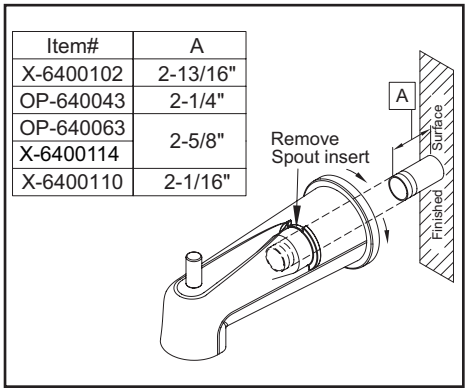


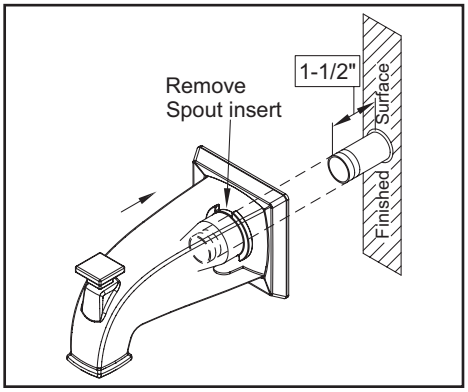


(8) For copper pipe, please refer to the distance charts on the above drawing to ensure correct installation of standard and extended spouts. The end of the copper pipe should be chamfered free of burrs to prevent cutting or nicking the O-ring and cone shape gasket inside the tub spout. Sand the outside surface of the copper pipe to remove nicks and scratches. If the series includes the spout escutcheon: Slide the spout escutcheon over the copper pipe, press and twist the tub spout until flush with the finished wall. Tighten the set screw to secure the tub spout.



Item#	A
X-6400102	2-13/16"
OP-640043	2-1/4"
OP-640063	2-5/8"
X-6400114	
X-6400110	2-1/16"





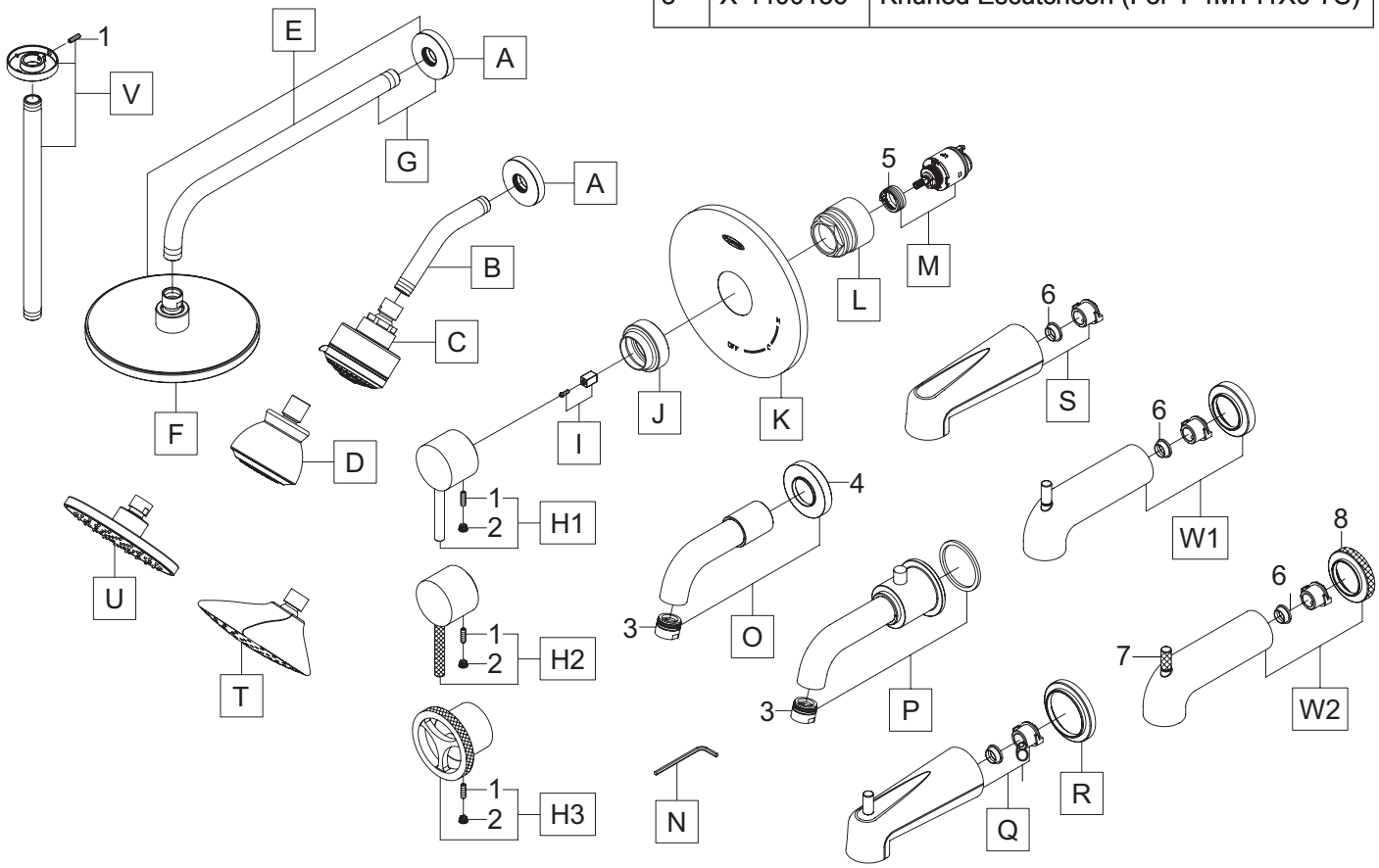
(9) For pipe thread nipple, remove spout insert and apply Teflon tape on thread of nipple, please see the distance charts on the installation .

Exploded Drawing : (For T-4MTXXX)

* Note: Please specify finish/color when ordering.

	ITEM #	DESCRIPTION
A	X-6400011*	Shower Arm Flange
B	X-6400002*	Shower Arm
C	X-6400095*	1.75 GPM Shower Head (For T-4MT110, T-4MT111, T-4MT300)
D	X-6400081*	1.75 GPM Shower Head (For T-4MT120, T-4MT320)
E	X-6400038*	Single Function Rain Showerhead W/Shower Arm and Flange (For T-4MTX15)
F	X-6400108*	1.75 GPM Shower Head (For T-4MTX15, T-4MT308)
G	X-6400013	14" L Shower Arm and Shower Arm Flange (For T-4MTX15)
H1	X-1400028*	Motegi Handle (For T-4MTXXX)
H2	X-1400048*	Knurled Lever Handle (For T-4MTX010)
H3	X-1400047*	Knurled Round Handle (For T-4MTX020)
I	X-4400116	Handle Adapter
J	OP-440082*	Retainer Ring
K	X-4400135*	Face Plate
L	OP-440080	Sleeve Nut
M	OP-340009	Ceramic Cartridge & Spool
N	OP-490011	3/32" Allen Wrench
O	X-6400024*	Tub Spout (For T-4MT200)

	ITEM #	DESCRIPTION
P	X-6400051*	Diverter Tub Spout (For T-4MT110, T-4MT115, T-4MT120)
Q	X-6400102*	7" Extended Diverter Tub Spout (For T-4MT111)
R	X-4400105*	Escutcheon (For T-4MT111)
S	X-6400028*	7" Extended Tub Spout (For T-4MT201)
T	X-6400083*	1.75 GPM Shower Head (For T-4MTX3X)
U	OP-640047*	1.75 GPM Shower Head (For "-6R" Suffix)
V	X-6400085*	12" Ceiling Mount Shower Arm and Shower Arm Flange (For T-4MT308)
W1	OP-640063*	7" Extended Diverter Tub Spout And Escutcheon (For "-7S" Suffix)
W2	X-6400114	Knurled 7" Extended Diverter Tub Spout And Escutcheon (For T-4MT11X0-7S)
1	X-4900080	3/32" Allen Screw
2	X-4900044*	Hole Cover
3	X-4400042*	Flow Streamer (For “O“and “P“)
4	X-4200071*	Escutcheon (For T-4MT200)
5	OP-340010	Red Color Temperature Adjusting Ring
6	OP-640058	Gasket
7	X-4400137*	Knurled Knob (For T-4MT11X0-7S)
8	X-4400136*	Knurled Escutcheon (For T-4MT11X0-7S)

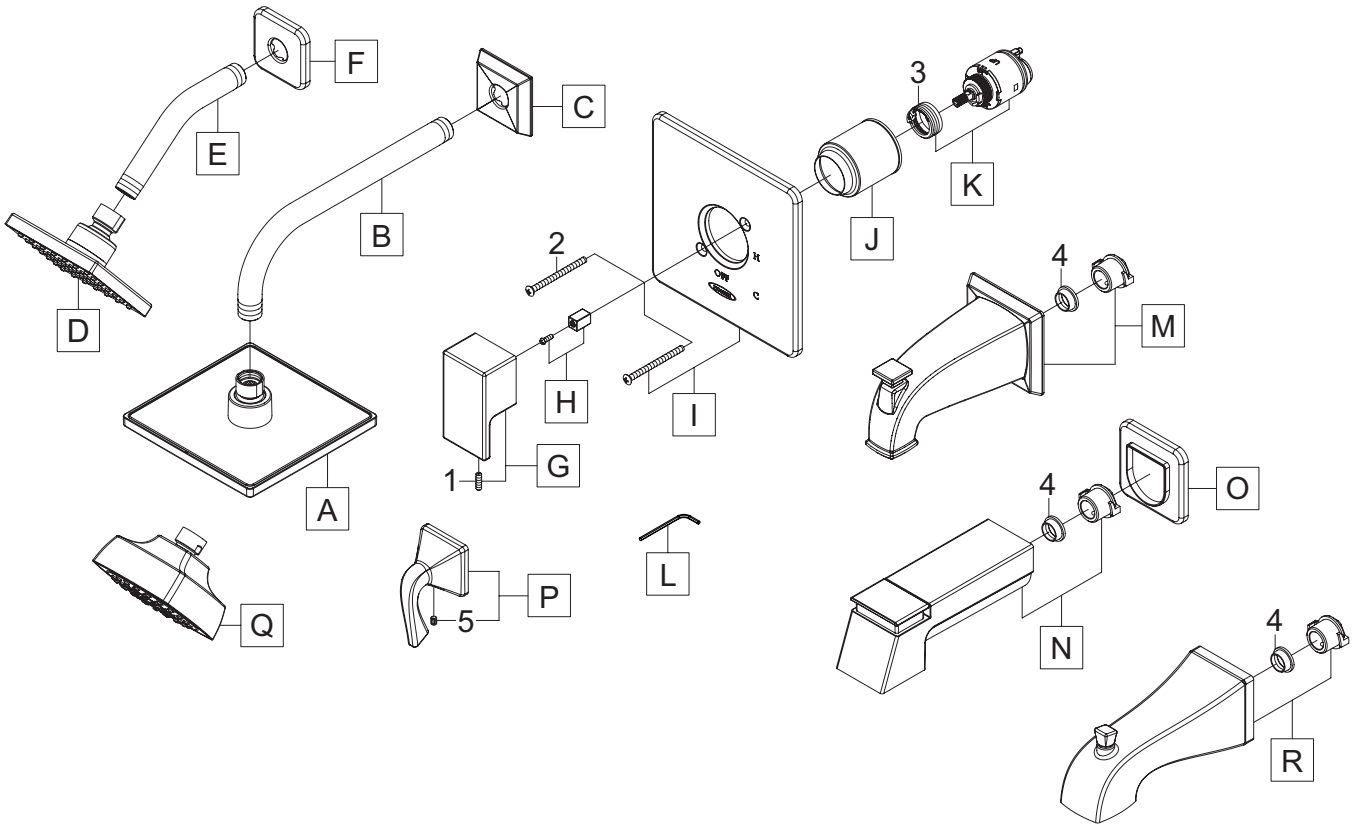


Exploded Drawing : (For T-4MOXXX, T-4PRXXX)

* Note: Please specify finish/color when ordering.

	ITEM #	DESCRIPTION
A	X-6400088*	1.75 GPM Shower Head (For T-4MO100, T-4MO30X)
B	X-6400104*	Shower Arm (For T-4MO100, T-4MO300)
C	X-6400103*	Shower Arm Flange (For T-4MO100, T-4MO30X)
D	OP-640042*	1.75 GPM Shower Head (For T-4MO110, T-4MO310)
E	X-6400002*	Shower Arm (For T-4MOX10, T-4PRX10)
F	OP-640045*	Shower Arm Flange (For T-4MOX10, T-4PRX10)
G	X-1400043*	Metal Lever Handle (For T-4MOXXX)
H	X-4400116	Handle Adapter (For T-4MOXXX)
I	X-4400115*	Face Plate
J	OP-440054*	Sleeve
K	OP-340009	Ceramic Cartridge & Spool
L	OP-490011	3/32" Allen Wrench

	ITEM #	DESCRIPTION
M	X-6400086*	1/2" Combo Diverter Tub Spout (For T-4MO100)
N	OP-640043	7" Extended Diverter Tub Spout (For T-4MO110)
N	OP-640044	7" Extended Tub Spout (For T-4MO200)
O	OP-440055	Spout Escutcheon (For T-4MO110, T-4MO200)
P	X-1400046*	Lever Handle (For T-4PRX10)
Q	X-6400109*	1.75 GPM Shower Head (For T-4PRX10)
R	X-6400110*	7" Extended Diverter Tub Spout (For T-4PR110)
1	X-4900080	Allen Screw (For T-4MOXXX)
2	OP-440019*	Face Plate Screws
3	OP-340010	Red Color Temperature Adjusting Ring
4	OP-640058	Gasket
5	X-4900002	Allen Screw (For T-4PRX10)



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For more care information or trouble shooting inquiries about your Pioneer product, please call:
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Monday-Friday 8AM to 8PM EST (5AM to 5PM PST)
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