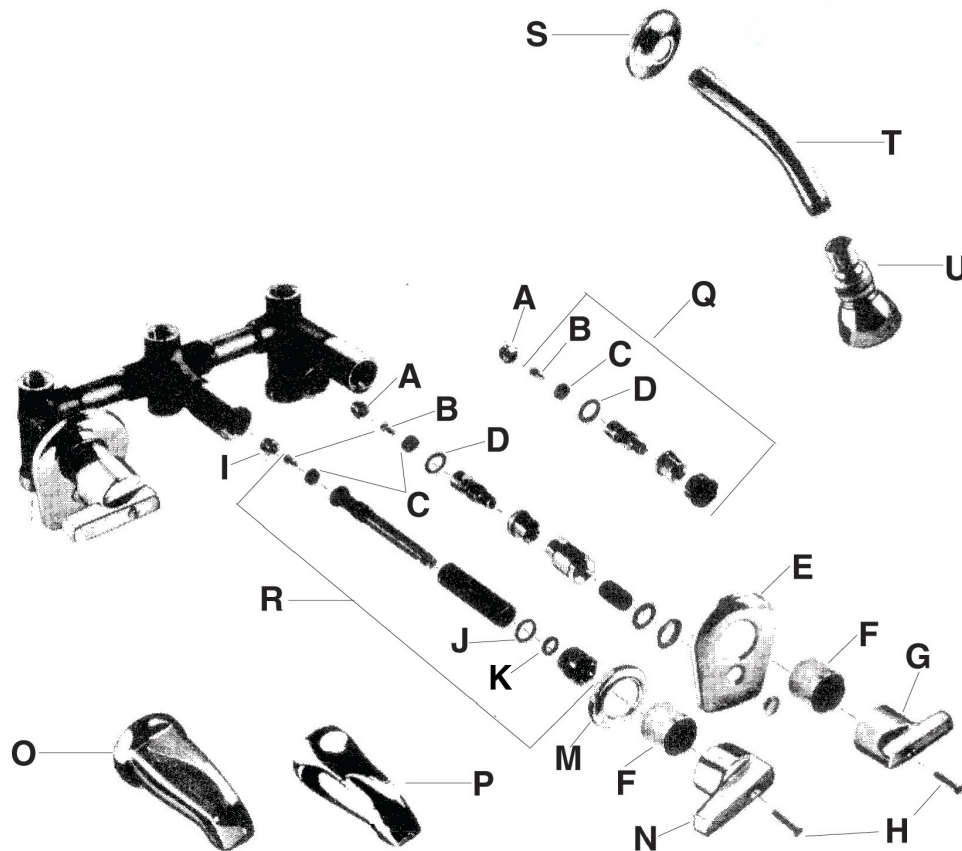


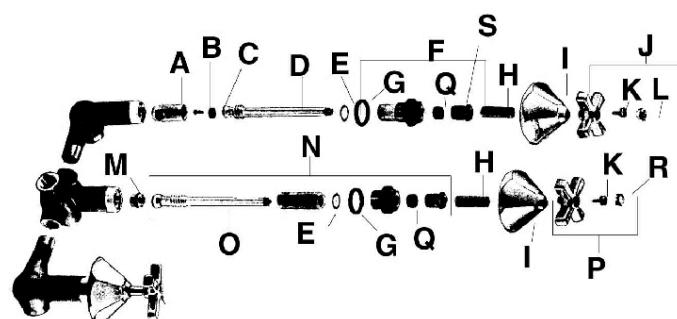
Colony Bath & Shower Integral Stop



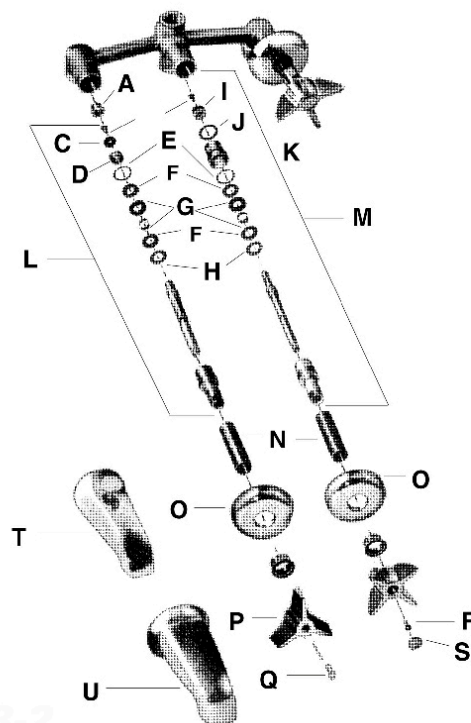
A	14145	7/16" OD X 24Th Brass Seat
B	02028	3/8" X 8-32 Monel Screw
C	01004	0 Flat Washer
D	00212	5/8" ID X 13/16" OD X 3/32" O-Ring
E	99101025	Escutcheon (CP)
F	28189	Escutcheon Holder
G	29450	Hot Lever Handle (CP)
	29451	Cold Lever Handle (CP)
H	02090	1/2" X 10-24 Truss HD Handle Screw (CP)
I	14148	9/16" ODx18th Brass Seat
J	00211	9/16" ID X 3/4" OD X 3/32" O-Ring
K	00208	5/8" X 9/16" X 3/32" O-Ring
M	28187	Escutcheon
N	29586	Diverter Handle (CP)
O	75313	1/2" Die Cast Tub Spout w/Nose Thrds (CP)
P	75312	1/2" & 3/4" Brass Div. Spout w/Base Thrds
Q	31321	Hot Stem Unit
	313210	Cold Stem Unit
R	34111	Diverter Stem Unit
S	75308	Shower Arm Flange w/Set Screw (CP)
T	75304	1/2" X 6" Shower Arm (CP)
U	74400	2.5 gpm Econo Showerhead w/2" Face

American Standard

**Bath & Shower Fittings Standard Trim Re-Nu
Models B170, B172, B73, B75, & B348**



Colony Bath & Shower



SHOWER SCHEMATICS

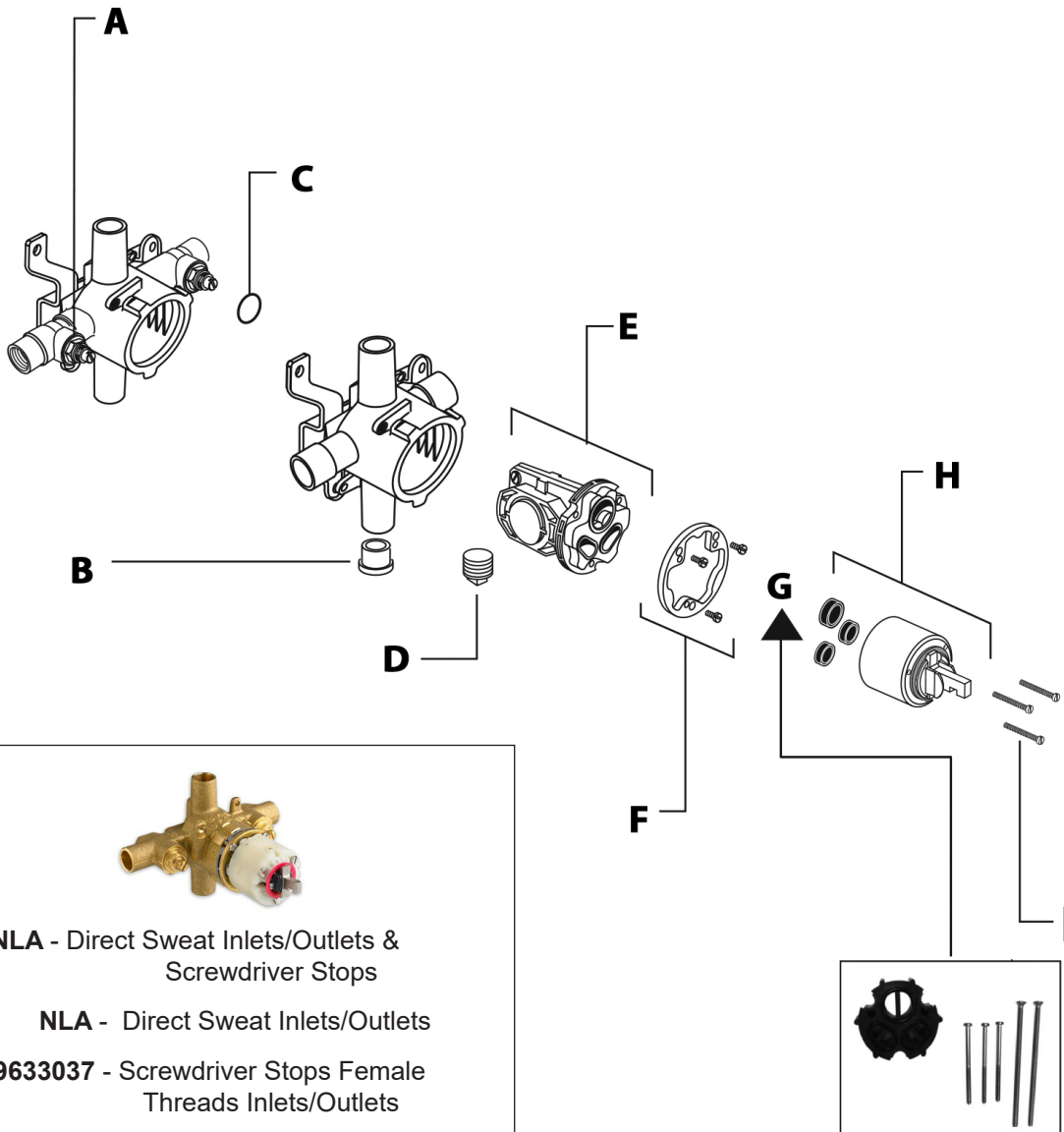
A	16711	Cold Barrel w/O-Ring
	16710	Hot Barrel w/O-Ring
B	02014	3/8" X 8-32 Bronze Round HD Screw
C	01004	O Flat Washer
D	351583	Hot Stem Only
	351586	Cold Stem Only
E	13054	Friction Washer
F	29003	Stuffing Box S/A
G	09016	Washer
H	28194	Escutcheon Nipple
I	28192	Large Escutcheon
J	29449	Cold Cross Handle S/A (CP)
	29448	Hot Cross Handle S/A (CP)
K	02090	1/2" X 10-24 Truss HD Handle Screw
L	26160	Cold Index Button
	26193	Hot Index Button
M	16724	19/32" OD X 20th Brass Seat
N	36175	Diverter Stem Unit
O	361753	NLA
P	29074	Diverter Cross Handle S/A
Q	04026	Bonnet Packing 47/64 X 25/64 X 3/8 D
R	NLA	Plain Index Button
S	24965	Stuffing Box Nut 3/4" Tall

A	14147	1/2" OD X 20th Brass Seat
C	01004	O Flat Washer
D	29026	Seat Washer Retainer
E	01106	Wave Washer Colony
F	13052	Packing Washer
G	18026	Colony Packing & Insert
H	03050	Stem Nut Gasket
I	08055	Disc Colony Bath Shower
J	00020	5/8 ID X 3/4 OD X 1/16 O-Ring
K	99101026	Bushing
L	35147	Long Stem
	37210	Short Stem
M	NLA	Long Diverter Stem
	37212	Short Diverter Stem
N	29028	Long Stem Sleeve
	29009	Short Sleeve (CP)
O	28196	Escutcheon (CP)
P	29480	Diverter Handle (CP)
	29478	Hot Handle (CP)
	29479	Cold Handle (CP)
Q	02046	3/4" X 8-32 Oval HD Handle Screw (CP)
R	02042	3/8" X 8-32 Truss HD Handle Screw (CP)
S	03032	Cold Index Button
	26164	Hot Index Button
	99101027	Div. Index Button Plain
T	75312	1/2" & 3/4" Brass Div. Spout w/Base Thrds (CP)
U	75313	1/2" Die Cast Tub Spout w/Nose Thrds (CP)
	28100	Diverter Repair Kit *
	28101	Stem Repair Kit **

* Div. Repair Kit Contains 1 of each: Items E - K

** Stem Repair Kit Contains 2 of each: Items A-H

Pressure Balance Temperature Control Valve R120, R12055, R125, R12555



NLA - Direct Sweat Inlets/Outlets &
Screwdriver Stops

NLA - Direct Sweat Inlets/Outlets

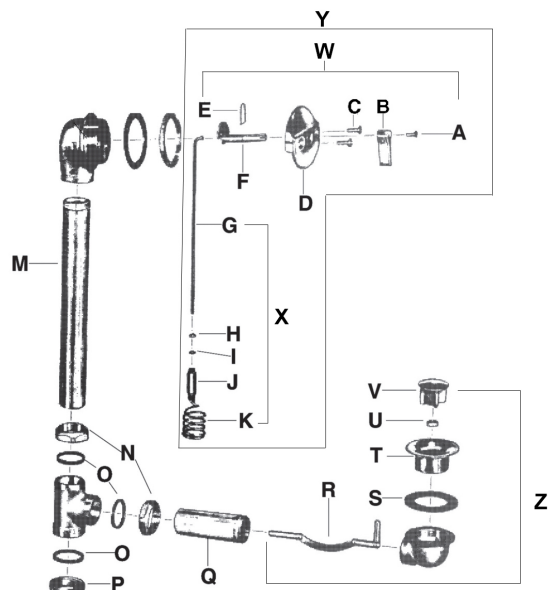
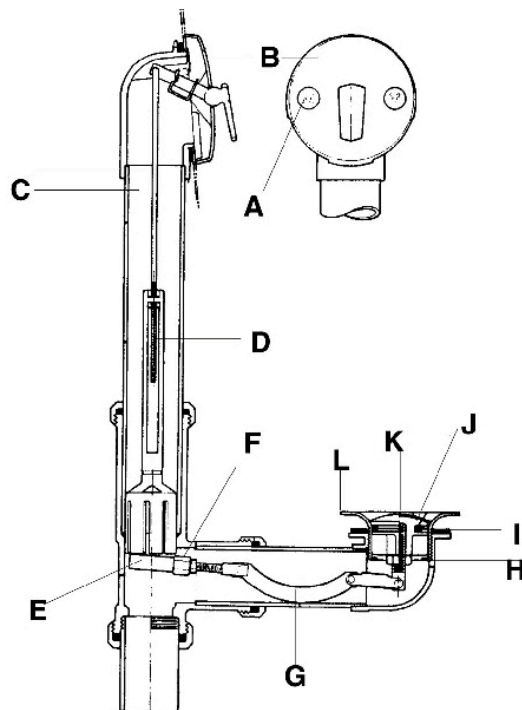
#99633037 - Screwdriver Stops Female
Threads Inlets/Outlets

- | | | |
|---|----------|------------------------------------|
| A | 99046682 | Screwdriver Stops (Pair) |
| B | 99713213 | 1/2" Sweat Plug |
| C | 99713211 | Stop Valve O-Ring |
| D | 99713212 | 1/2" NPT Plug |
| E | 99044954 | Pressure Balancing Unit |
| F | 99260017 | Fixation Ring W/Screws |
| G | 99442928 | Cycle Valve-Deep Rough In Kit (CP) |
| H | 99121032 | Ceramix Cartridge Kit W/Seals |
| I | 99283290 | Cartridge Screws (3) |

American Standard

Heritage & Monogram Trim Bath Drain

Trip Lever Bath Drain 1560 Series



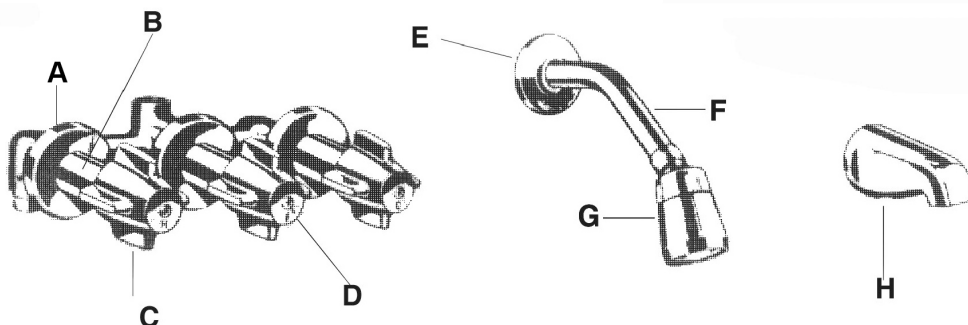
SHOWER SCHEMATICS

A	02090	1/2" X 10-24 Truss HD Handle Screw
B	29022	Trip Lever Handle
C	02092	Face Plate Screw
D	28197	Overflow Escutcheon
E	29011	Retainer Clip
F	79547	Stem & Crank
G	79539	Lift Rod 15" 16" Depth
H	24534	Striker Locknut
I	13034	Lock Washer
J	29008	Rod Connector
K	24533	Steel Striker for Pop-Up Drain
	23345	Brass Striker for Pop-Up Drain
M	82204	1-1/2" X 24" 20 GA T.B.E. Tube (RB)
N	87468	1-1/2" X 1-1/2" Brass S/J Nut (RB)
O	87506	1-1/2" Sq. Cut S/J Washer
P	87468	1-1/2" X 1-1/2" Brass S/J Nut (RB)
Q	82202	1-1/2" X 12" 20 GA T.B.E. Tube (RB)
R	79540	Rocker Arm Assembly
S	79511	Waste Washer
T	NLA	Drain Plug
U	54439	3/8" Brass Hex Nut Domestic
V	29023	Plunger
W	79548	Face Plate Complete (Consists of Parts A-F)
X	79549	Linkage Complete (Consists of Parts G-K)
Y	79550	Face Plate w/Linkage (Consists of Parts A-K)
Z	79551	Tub Assembly (Consists of Parts R,U,V)

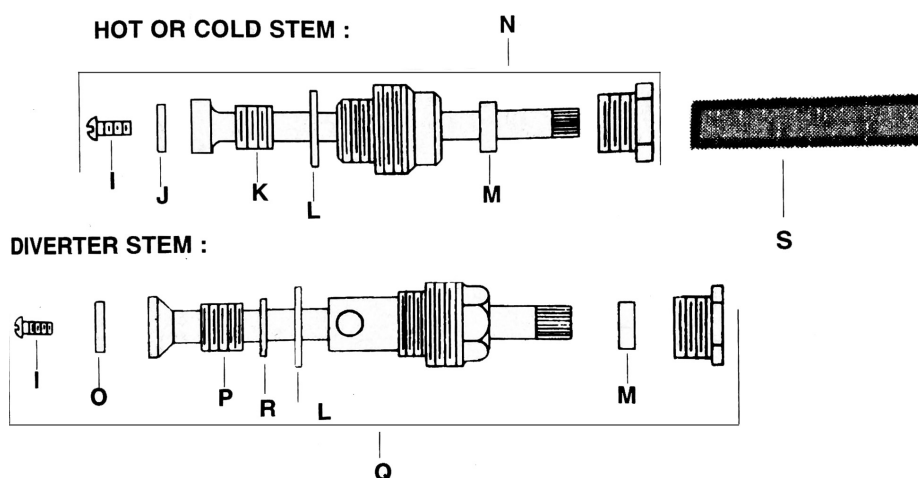
A	99153709	Face Plate Screw (Bx/10)
B	28195	Lever & Escutcheon Assembly
C	79544	Upper Link
D	79545	Striker
E	79543	Rocker Tip
F	29021	Hex Locknut
G	74545	Stopper Assembly
H	29020	Jam Nut
I	51050	2-3/4" Flat W&O Washer
J	08056	Stopper Gasket
K	24538	Nylon Stopper
L	NLA	Bath Drain Plug (CP)

Central Brass

Models 0868 and 0868-Z (Old Style)

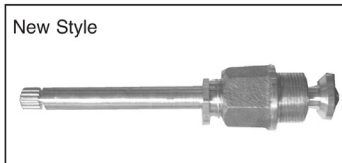
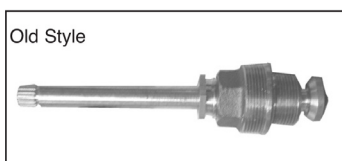
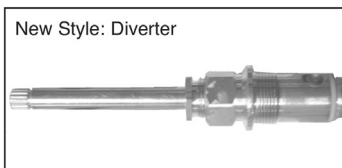
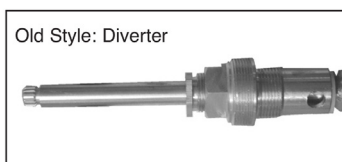


Hot & Cold Stem Use Seat #14424



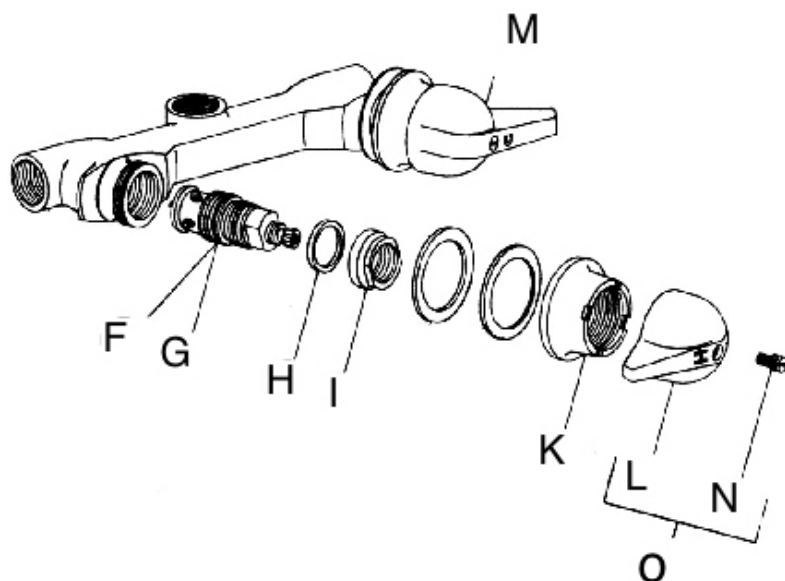
A	28200	Escutcheon (New Style)
B	28202001	Tube for Central
C	29514	Cold Handle (Large) (CP)
	29513	Hot Handle (Large) (CP)
	29515	Diverter Handle (Large) (CP)
D	99190755	10-32 X 1/2" Oval HD Brass Handle Screw
E	75308	Shower Arm Flange w/Set Screw
F	75304	1/2" X 6" Shower Arm (CP)
	75306	1/2" X 8" Shower Arm (CP)
G	99123056	2-1/2" Acrylic Showerhead w/1-3/4" Face (CP)
H	75313	1/2 Die Cast Tub Spout w/Nose Thrds
	14424	5/8Od X 24Th Brass Seat
I	02020	3/8" X 10-32 Bronze Round HD Screw
J	01014	3/8M Flat Washer
K	37597	Stem Only (New Style)
	37501	Stem Only (Old Style)
L	08029	Fiber Cap Thread Gasket
M	04055	Packing (PK/10)
N	99110727	Hot Stem Complete
O	01014	3/8M Flat Washer
P	36673	Diverter Stem Complete
Q	37502	Diverter Stem Unit (Old Style)
R	01107	Nylon Washer
S	72332	Escutcheon Nipple (New Style)

* Tub Spout, Shower Head, Arm, Flange



Crane / Delta

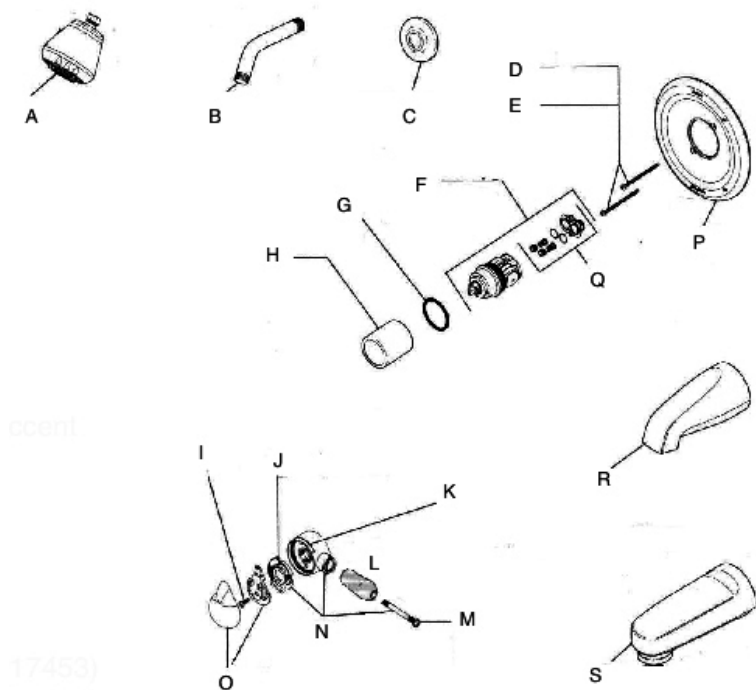
Crane Capri Concealed Shower Fitting



F	99280093	RH Dial-Ese Stem Unit
G	99280092	LH Dial-Ese Stem Unit
H	08012	Cork Cap Gasket
I	21018	Lock Nut (CP)
K	99103576	Flange (CP)
L	29228	Hot Canopy Blade Handle (CP)
M	29229	Cold Canopy Blade Handle (CP)
N	99103575	Screw
O	22638	Canopy Handle (Pair)

Delta Shower Valve T17030, T17130, T17230 & T17430

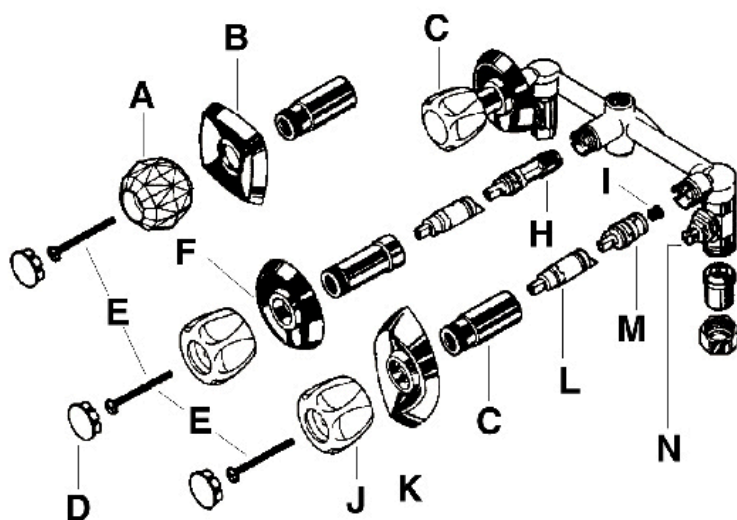
SHOWER SCHEMATICS



A	NLA	2.5 gpm Lahara Touch-Clean
B	88080781	Shower Arm (CP)
C	88080789	Shower Flange (CP)
D	02103	Plate Screw (2)
E	99087593	10-24 X 3-1/2" Longer Escutchen Screws (2) (CP)
F	22709	Dual-Function Volume & Pressure Balancing Cartridge
G	00052	1-3/4 ID X 2 OD X 1/8 O-Ring
H	88080697	Tub/Shower Trim Sleeve (CP)
I	99300311	Handle Screw 1700 Series
J	99083089	17 Series Rotational Limit Stop
K	88079204	Red/Blue Decal Indicator 17 Series
L	99150797	Large Innovations Lever Handle Accent (CP)
M	99341130	Spindle - Innovation Lever (CP)
N	99091558	Handle Assembly (CP)
O	99272542	Temperature Dial (CP)
P	88079212	Escutcheon - 17 Series (CP)
Q	88080422	Cartridge Adaptor
R	NLA	Non-Diverter Tub Spout (CP)
S	99081067	Diverter Tub Spout (CP)
	NLA	Diverter Tub Spout, Zinc

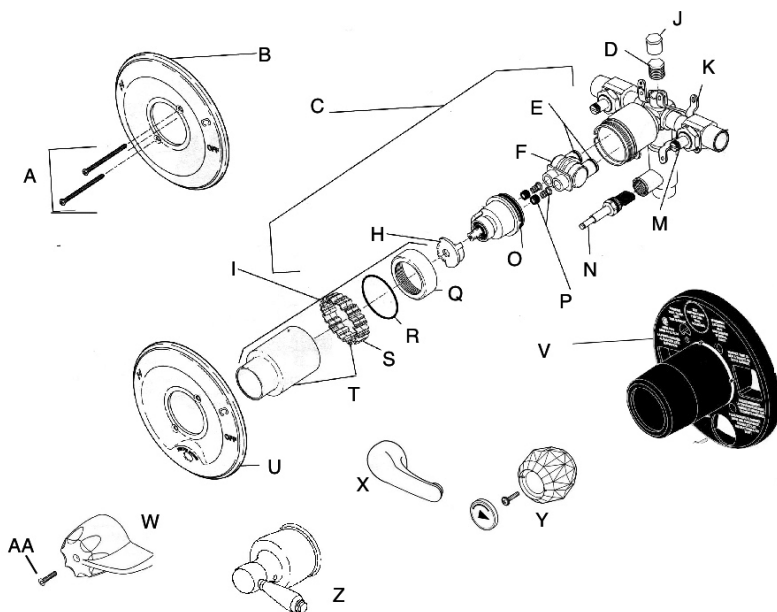
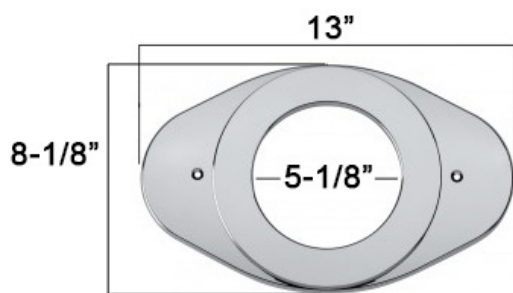
Delta

Delex Bath Valve



A	29041	Handle - Clear
B	99101071	4" Escutcheon (CP)
C	99101072	Sleeve (CP)
D	26301	Index Button - Clear
E	03602	3-1/8" X 10-24 Truss HD Screw Zinc (Bx/100)
F	NLA	Metal Escutcheons (2) & Sleeves (2) (CP)
H	36507	Shower Diverter Assembly Old Style
I	26131	Oem Delex Spring/Seat Kit
J	29525	Handle w/Hot & Cold Indexes
K	NLA	Escutcheon - 3H Tub/Shower (CP)
L	22703	Stem Extensions 3-1/4 (2)
M	26130	Cartridge With O-Rings Hot & Cold
N	99101075	Stop Stem Assembly

Monitor Shower and Bath Valve Model 1300 & 1400

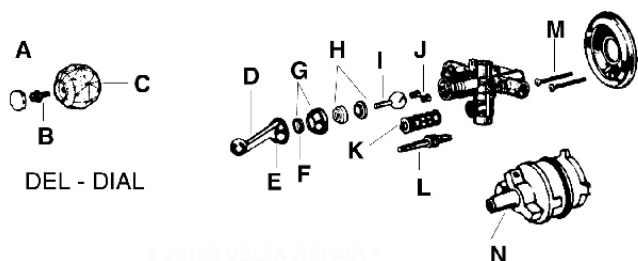


88079263

A	02103	10-24 X 2-5/16" Plate Screw (2)
	99087593	10-24 X 3-1/2" Longer
B	99102964	Escutcheon - 14 Series (CP)
	99103006	Escutcheon (CP)
C	37561	Shower Cartridge
D	72105	1/2" Brass Square Head Plug - Solid
E	00008	9/16 ID X 11/16 OD X 1/16 O-Ring
F	26102	Lower Housing Assembly
H	24974	Limit Stop
I	99102963	14 Series Trim Sleeve Assembly (CP)
J	99102965	1/2" Copper Pipe Plug
K	NLA	Mounting Bracket w/Screws
M	24984	Stop Stem Assembly
N	29920	Push Button Assembly (Diverter)
O	00016	O-Ring 1-9/16 ID X 1-3/4 OD X 3/32
P	26131	OEM Delex Spring/Seat Kit
Q	99103007	Unplated Bonnet Nut
R	00052	1-3/4 ID X 2 OD X 1/8 O-Ring
S	99170891	Trim Sleeve Spacer, Bonnet & O-Ring
T	99102968	14 Series Trim Sleeve (CP) - Long
	99082972	14 Series Trim Sleeve (CP) - Short
U	NLA	Escutcheon Plate (CP)
V	NLA	Plastic Guard
W	99250078	Large Monitor Blade Handle w/Screw (CP)
X	99102973	Large Lever Handle (CP)
Y	29529	Duralac Handle
Z	99150106	Large Neostyle Metal
AA	99044617	.460 In Handle Screw
	88079263	Generic Shower Renovation Cover

Delta

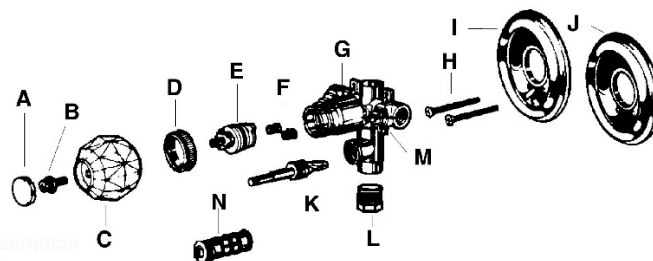
Bath & Shower Valve



DEL - DIAL

A	26171	Button for Crystal Handle
B	02100	1/4" X 10-32 Oval HD Handle Screw
C	29528	Duralac Handle Delta
	29529	Duralac Handle Delta Mix
D	NLA	Single Lever Handle
E	02102	5/8" X 10-24 S/S Set Screw
F	NLA	Adjusting Ring
G	29739	New Nut Style Cap Assembly Kit
H	26122	Cam Assembly (Heart Shaped)
	26122	Del-Dial Cam Assembly for Knob Handle
I	26123	Plastic Ball Assembly
	26125	Del Dial Stainless Ball
	26140	Brass Ball Assembly
	26142	Del Dial Brass Ball
J	26131	Oem Delex Spring/Seat Kit
K	29919001	Balancing Cartridge
L	29920	Push Button Assembly
M	02103	Plate Screw (2)
N	29743	Scald Guard Diverter Assembly w/Seats
	29674	Check Stop Stem Assembly
	**26120	Delta OEM Faucet Repair Kit
	**26121	Del-Dial Repair Kit
	**26141	Repair Kit w/Brass Ball-Plastic
	**26134	Repair Kit w/ S/S Ball
	**26135	Repair Kit w/Plastic Ball
		ADA Conversion Kit: (1) 26513 Delta Conversion Ball, (1) 26587 Delta ADA Lever Handle w/ Screw, (1) 26122 Delta Cam Assembly.
	26104	

Mix Bath Valve



A	26301	Index Button - Clear
B	02100	1/4" X 10-32 Oval HD Handle Screw (CP)
C	99101076	Clear Handle w/ Button & Screw (CP)
	29529	Duralac Handle Delta Mix
D	99101077	Spout Nut (CP)
E	29743	Scald Guard Assembly w/Seats
F	26131	OEM Delex Spring/Seat Kit
G	24980	Sleeve (CP)
H	02103	Plate Screw (2)
I	99101078	Escutcheon for Push Button (CP)
J	99101079	Escutcheon w/Gasket (CP)
K	29920	Push Button Assembly (Diverter)
L	NLA	1/2 IPS Pipe Plug
M	24984	Stop Stem Assembly
	29674	Check Stop Stem Assembly
N	29919001	Delta Cartridge
	26415	Scald Guard Repair Kit Includes:
	00990	1/2" X 5/8" X 1/16" O-Ring
	43260	1-3/16 ID X 1-3/8 OD X 3/32 O-Ring
	08033	New Style Delta Seat
	08036	Short Conical Spring
	26104	ADA Conversion Kit Includes:
	26513	Conversion Ball (CP)
	26587	ADA Lever Handle w/Screw

SHOWER SCHEMATICS



#26123
Plastic Ball
Assembly



#26125
Del Dial
Stainless Ball



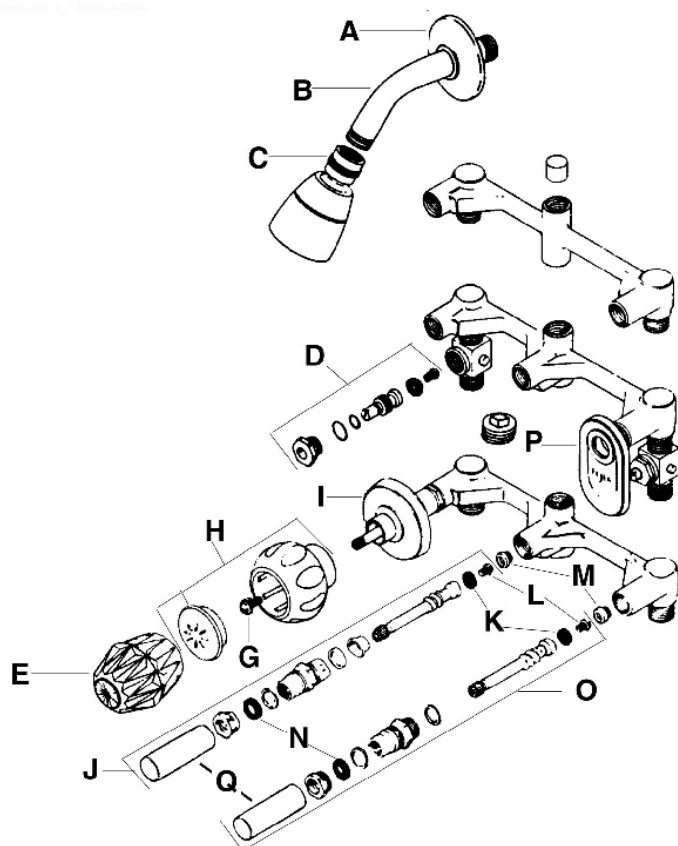
#26140
Brass Ball
Assembly



#26142
Del Dial
Brass Ball

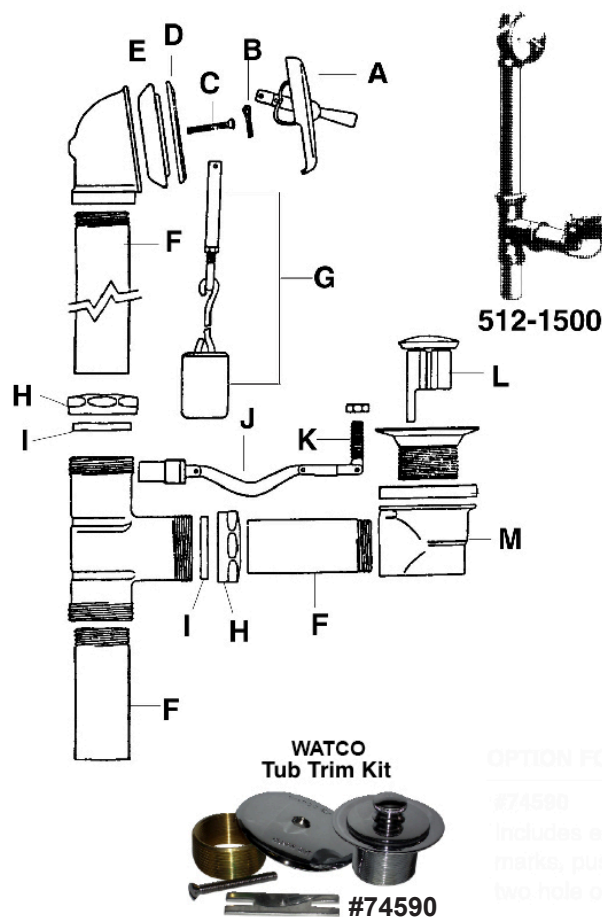
Eljer

Regatta Bath & Shower Fitting



A	75308	Shower Arm Flange w/Set Screw (CP)
B	75306	1/2" X 8 Shower Arm (CP)
C	25062	2.5 GPM Showerhead w/1-1/2 Face
D	99063473	Integral Stop Unit
E	24830	Acrylic Handle Assembly
G	02090	1/2" X 10-24 Truss HD Handle Screw (CP)
H	24829	Handle w/CP Caps (Pair)
I	99100232	Flange & Insert (CP)
J	37131	Diverter Stem Unit
K	01008	1/4" Flat Washer
L	02028	3/8 X 8-32 Monel Screw
M	15541	1/2 OD X 20th Brass Seat
N	04048	Stem Packing
O	37130	Hot/Cold Stem Unit
P	99100233	Flange & Insert (CP)
Q	99281532	Sleeve

Ultima Pop Bath Waste



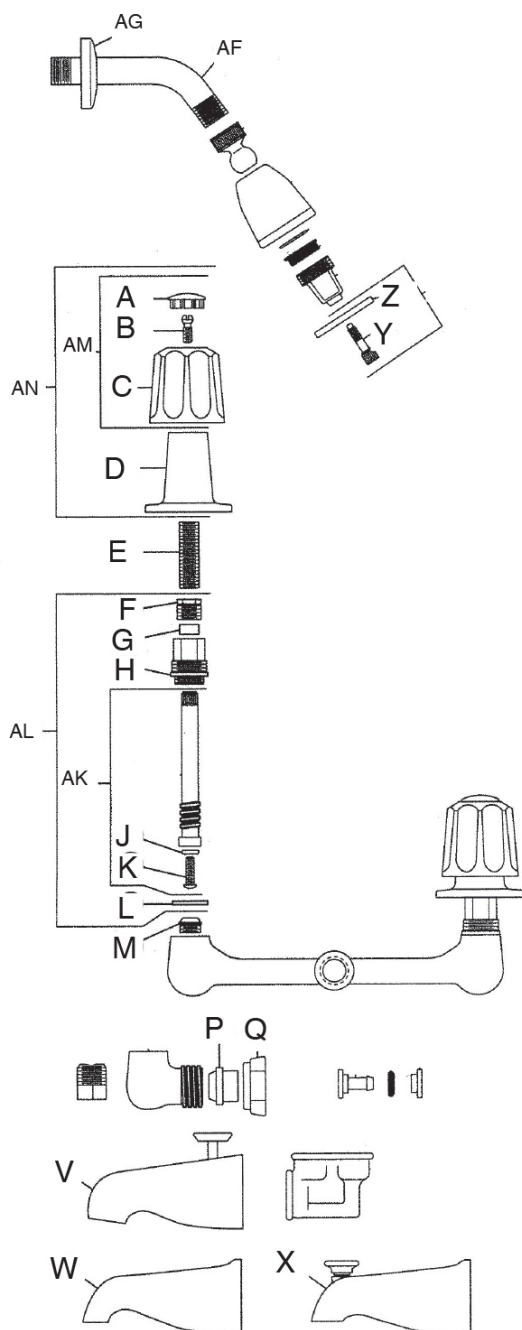
A	75309	Face Plate w/Trip Lever & Screws
B	29752	Cotter Pin
C	79523	Face Plate Screw
D	99100234	Clamp Ring
E	51052	2-1/4" x 3-1/4" Sponge Beveled WO Gasket
F	82202	1-1/2" X 12" 20 GA T.B.E. Tube (RB)
G	99089264	Plunger & Linkage Assembly
H	87468	1-1/2" X 1-1/2" Brass S/J Nut (RB)
I	87506	1-1/2 Sq. Cut S/J Washer
J	79559	Rocker Arm
K	54439	3/8" Brass Hex Nut Domestic
L	NLA	Stopper (CP)
M	79511	Waste Washer
	74590*	Watco Tub Trim

* Includes: Strainer Body, Stopper, Overflow Plate, Adapter Bar, Screw, & Bushing.

SHOWER SCHEMATICS

Gerber

Chrome Tub & Showers- 2 Valve, 8" Centers, Threaded Escutcheon 48-220, 48-520, 48-720, 48-800, and 48-810



A	26168	Hot Index Button
	26169	Cold Index Button
B	02108	1/2" X 10-24 S/S Oval Head Handle Screw
C	29561	Cold Bath Cross Handle
D	24574	1-1/2" Deep Escutcheon CP
E	24573	Nipple (Plastic)
F	29749	Bushing
G	04059	Bath Packing
H	35152	Hot/Cold Stem Unit
J	99170407	OEM Seat Washer
K	99330314	Seat Screw
L	08001	Fiber Cap Thread Gasket
M	15545	5/8 OD X 20Th Brass Seat
P	99101301	Combo IPS/Solder Adapter
Q	99330318	Brass Nut
V	99330320	Auto Diverter Spout Only (Brass)
W	99252024	Tub Spout
X	99330321	Diverter Spout Lift Type (Zinc)
AF	NLA	6" Threaded Shower Arm
AG	99250188	Flange for Shower Arm
AK	351523	Stem Only
AL	35152	Hot/Cold Stem Unit
AM	99011691	Hot Large Fluted Metal Handle (CP)
	99011692	Cold Large Fluted Metal Handle (CP)
AN	99330329	Cold Handle w/Threaded Escutcheon
	99330330	Hot Handle w/Threaded Escutcheon
	78756	8 Centers 2-Handle Shower Valve

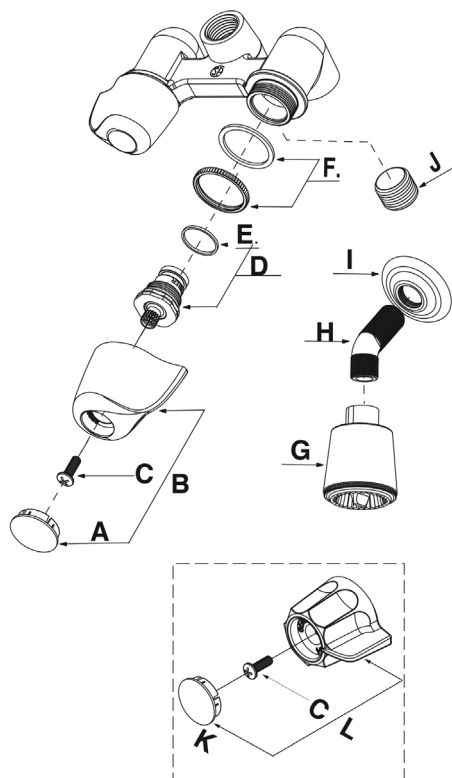


#78756
Complete Shower Faucet

SHOWER SCHEMATICS

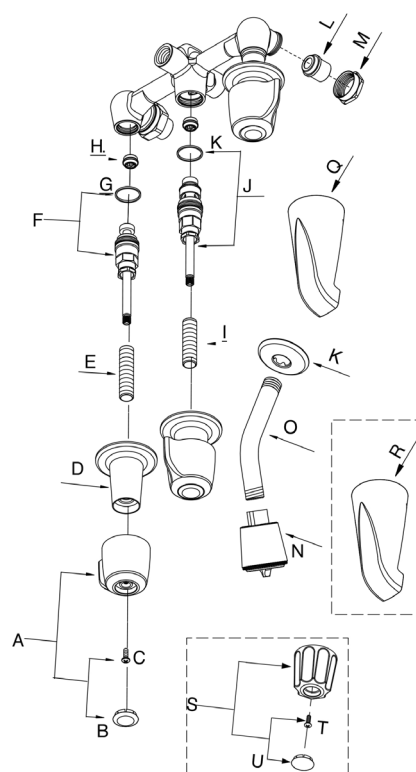
Gerber

Two-Handle Shower Cabinet Model 47-900 Series



A	26151	New Style Cold Index Button
	26150	New Style Hot Index Button
B	99112162	Cold Small Metal Lever Handle
	99112161	Hot Small Metal Lever Handle
C	02108	1/2" X 10-24 S/S Oval Head Handle Screw
D	372250	Cold LF w/2 Sided Bonnet
	37225	Hot LF w/2 Sided Bonnet
E	09035	Poly Cap Thread Gasket
F	99774872	Nut & Washer Assembly
G	NLA	Classic Regular Showerhead w/Black Spray Plate (Cp)
H	NLA	Shower Arm
I	NLA	Shower Arm Flange
J	99330444	1/2 IPS Brass Pipe Plug
K	26169	Cold Index Button
	26168	Hot Index Button
L	99016016	Cold Small Fluted Metal Blade Handle
	99016015	Hot Small Fluted Metal Blade Handle

Model 48-030 Series



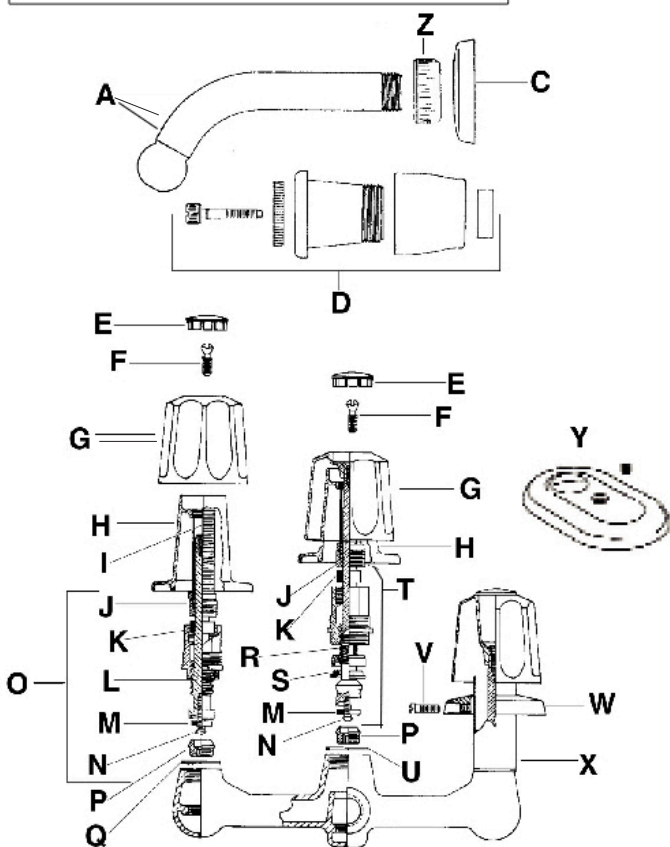
#77755
Complete
Shower Faucet

A	99160517	Cold Large Metal Handle (CP)
	99160516	Hot Large Metal Handle (CP)
	99330445	Blank Large Metal Handle (CP)
B	99081497	Hot & Cold Index Button
C	99081498	Handle Screw & Button
D	24574	1-1/2" Deep Escutcheon (CP)
E	24573	Nipple (Plastic)
F	99061991	Cold Stem & Bonnet -Tub/Shower
	35152	Hot/Cold Stem Unit
G	99460621	Fiber Washer
H	99500013	Brass Seat
I	99774873	Screw Bolt
J	36177	Diverter Stem Unit
K	99330422	Synthetic Washer
L	99101301	Combo IPS/Solder Adapter
M	99330318	Brass Nut
N	NLA	Classic Regular Showerhead
O	99300159	6" Threaded Shower Arm
P	99250188	Flange for Shower Arm
Q	99252024	Tub Spout
R	99774874	Spout Assembly
S	99011692	Cold Large Fluted Metal Round Handle
	99011691	Hot Large Fluted Metal Round Handle
	99011693	Arrow Large Fluted Metal Round Handle
T	99774875	Hot/Cold Handle Cap
U	26170	Diverter Index Button

SHOWER SCHEMATICS

Gerber

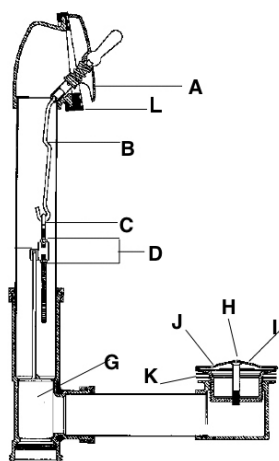
Two Valve & Diverter Shower



A	74535	Ball Shower Arm
C	75308	Shower Arm Flange w/Set Screw (CP)
D	NLA	2.5 Shower Head W/ Adapter
E	26169	Cold Index Button
	26168	Hot Index Button
	26170	Diverter Index Button
F	02108	1/2" X 10-24 S/S Oval Head Handle Screw
G	29567	Bath Handle - Short
H	24574	1-1/2" Deep Escutcheon CP
I	24573	Nipple (Plastic)
J	29749	Bushing
K	04059	Bath Packing
L	351523	Hot Stem Only
M	01010	1/4L Flat Washer
N	02016	3/8" X 10-24 Bronze Round HD Screw
O	35152	Hot/Cold Stem Unit
P	15545	5/8 OD X 20Th Brass Seat
Q	08024	Poly Cap Thread Gasket
R	361773	Diverter Stem, Screw and Washer
S	99802674	Diverter Bonnet Seal
T	36177	Diverter Stem Unit
U	09000	Fiber Cap Thread Gasket
V	NLA	Set Screw
W	28205	Tub & Shower Escutcheon w/Set Screw
X	24553	Stem Sliding Sleeve (CP)
X	27103	Old Style Thread Sleeve
Y	29750	Low Pattern Plate
Z	99491349	5/8" ID Universal Fit Escutcheon Ring w/ 10/24 Set Screw

SHOWER SCHEMATICS

Bath Drain



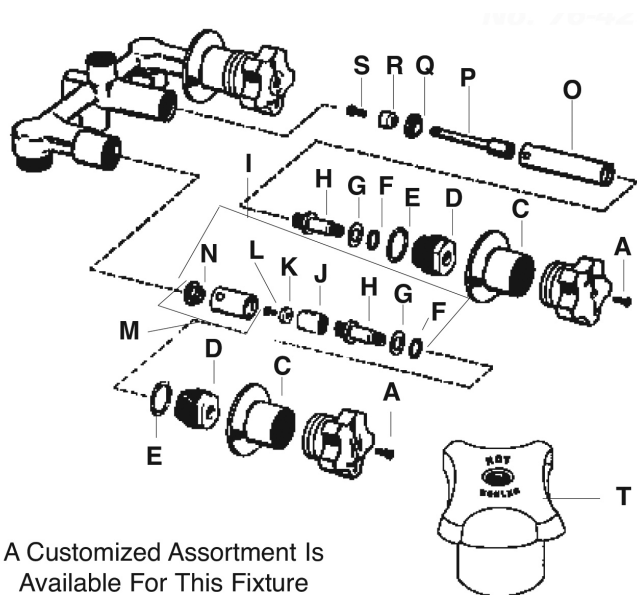
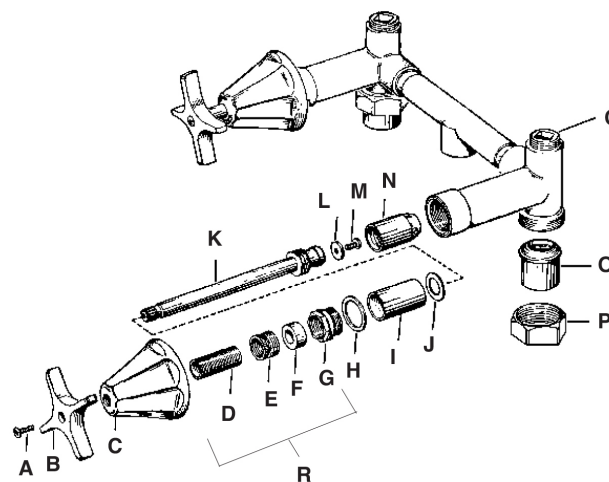
A	75309	Face Plate w/Trip Lever & Screws
B	NLA	Top Wire
C	79564	Middle Wire
D	NLA	Brass Hex Nut
G	79520	Brass Plunger
H	79508	Strainer Screw 1-5/8"
I	79509	Tub Strainer
J	79511	Waste Washer
K	79512	Fiber Follower Washer
L	51053	W & O Washer
	27101	Bath Drain Assembly *

* Includes Items B-G

Kohler

Shower & Bath Valve

Shower and Bath Valve Parts Model Nos. K-7032, K-7100, K-7210

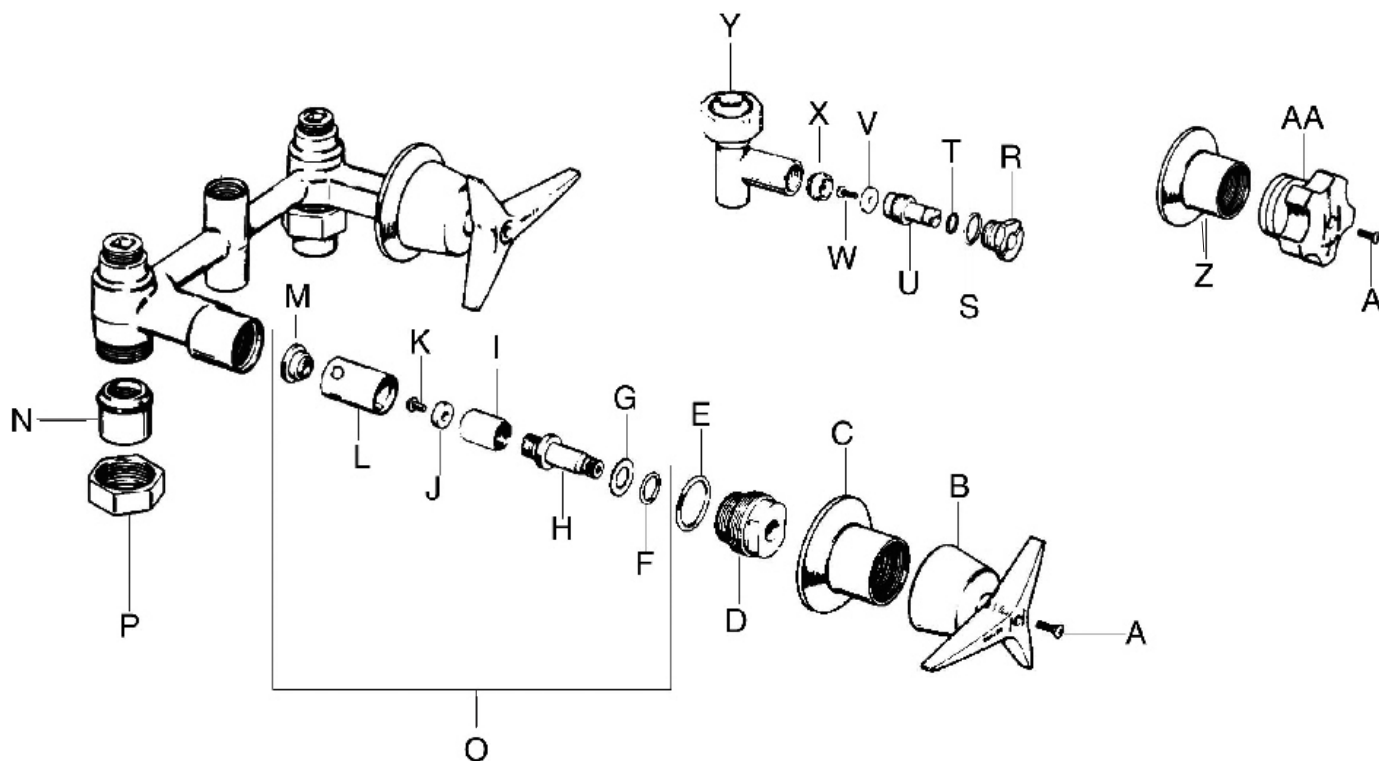


A	02139	8-32" X 1/2" Oval HD Hdle Screw, (CP)
C	99101094	Escutcheon (CP)
D	29067	Bonnet
E	00994	15/16" ID X 1-1/16" OD X 1/16" O-Ring
F	00209	7/16" X 5/8" X 3/32" O-Ring
G	13051	Brass Washer
H	303213	Hot Stem Only (CP)
I	33467	Hot Stem Unit (Plastic Plunger)
J	14434	Hot Plastic Plunger
	14435	Cold Plastic Plunger
	14437	Hot Brass Plunger
	14438	Cold Brass Plunger
	37258	Hot Stem Unit w/ Brass Plunger
	372580	Cold Stem Unit w/ Brass Plunger
K	01002	00 Flat Washer
L	02013	1/4" X 8-32" Round HD Screw (CP)
M	16719	Barrel Galaxy
N	15557	Seat Galaxy
O	99101095	Sleeve Assembly
P	99101096	Diverter Stem
Q	14432	Sleeve Seat
R	14433	Seat
S	04163	Washer Screw
T	29607	Hot Handle
	29608	Cold Handle

A	02110	9/16" X 8-32" Truss HD Handle Screw
B	29584	Hot Handle
C	99101098	Escutcheon (CP)
D	99101099	Adjusting Sleeve
E	99101100	Packing Nut
F	99101101	7/16" ID X 3/4" OD Stem Packing
G	24959	Bonnet
H	58605	Gasket
I	99101102	Spacer Sleeve
J	99100464	.50 ID X .89 OD Spacer
K	361743	Stem Only
L	01125	Washer for Kohler Galaxy Stem
M	02028	3/8" X 8-32" Monel Screw
N	16717	Barrel Hot w/Ring
O	99101103	Union Joint for 1/2" IPS
	99101104	Union Joint for Copper Tee
P	99101105	Coupling Nut (RP)
Q	99102389	Plug
R	24947	Kohler Sleeve

Kohler

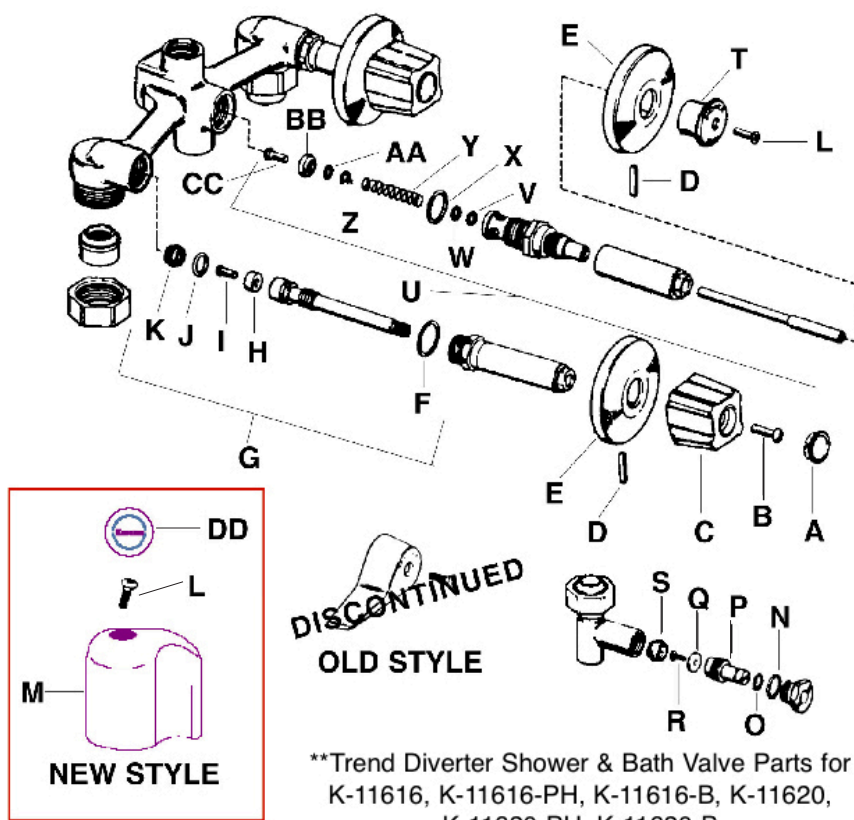
Shower & Bath Valve Parts Triton & Constellation K-7004 & K-7006



A	02011	3/8" X 6-32" Brass Round HD Screw
	05012	Countersunk Screw (CP)
B	99110971	Hot and Cold Handle (Old Style)
C	99064113	Escutcheon, Pair (CP)
D	29067	Bonnet
E	00994	15/16" ID X 1-1/16" OD X 1/16" O-Ring
F	00209	7/16" X 5/8" X 3/32" O-Ring
G	13051	Brass Washer
H	303216	Cold Stem Only (CP)
	303213	Hot Stem Only (CP)
I	14434	LH Hot Plastic Plunger
	14435	RH Cold Plastic Plunger
J	01002	00 Flat Bjr3 Washer
K	02013	1/4" X 8-32 Round HD Screw (CP)
L	16719	Barrel Galaxy
M	15557	Seat Galaxy
N	99101103	Union Joint for 1/2 IPS
	99101104	Union Joint for Copper Tee
O	37258	Hot Stem Unit w/Brass Plunger
	372580	Cold Stem Unit w/Brass Plunger
	33467	Hot Stem Unit (Plastic Plunged)
	334670	Cold Stem Unit (Plastic Plunged)
P	99101105	Coupling Nut (RP)
R	99101108	Bonnet
S	00212	5/8" ID X 13/16" OD X 3/32" O-Ring
T	00208	5/8" X 9/16" X 3/32" O-Ring
U	99101111	Stem
V	99101112	.185 ID X .615 OD Washer
W	04163	Washer Screw
X	15555	5/8" OD X 27Th Brass Seat
Y	NLA	Stop Assembly for 1/2 IPS
Z	99101094	Escutcheon (CP)
AA	29607	Hot Handle (CP)
	29608	Cold Handle (CP)

Kohler

Diverter Shower & Bath Valve

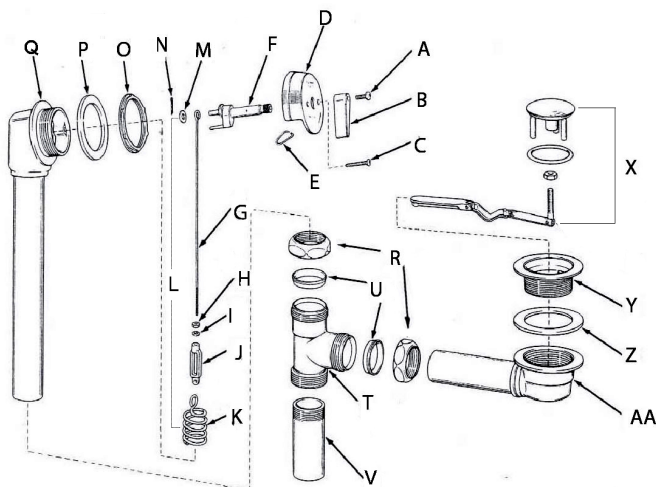


**Trend Diverter Shower & Bath Valve Parts for
K-11616, K-11616-PH, K-11616-B, K-11620,
K-11620-PH, K-11620-B

A	26199	Button Set Hot-Cold-Div.
B	29085	1-1/8" X 8-32" Round HD Screw (CP)
C	29611	Metal Bath Handle Only (CP)
D	NLA	8-32" X 3/4" Set Screw
E	NLA	Escutcheon (CP)
F	09003	Poly Cap Thread Gasket
G	37242	Hot Stem Unit
	372420	Cold Stem Unit
H	01002	00 Flat Washer
I	02015	1/2" X 8-32" Bronze Round HD Screw
J	00203	3/16" X 5/16" X 1/16" O-Ring
K	15556	1/2 OD X 27th Brass Seat
L	29599	8-32" X 1/2" Round HD Screw (CP)
M	NLA	Handle Only
N	00212	5/8" ID X 13/16" OD X 3/32" O-Ring
O	00203	3/16" X 5/16" X 1/16" O-Ring
P	99101111	Stem
Q	01020	1/2L Flat Washer
R	02030	3/8" X 10-24 Monel Screw
S	15556	1/2" OD X 27th Brass Seat
T	NLA	Pull Knob Handle
U	37251	Diverter Stem Assembly
V	00203	3/16" X 5/16" X 1/16" O-Ring
W	99101115	Washer
X	00214	3/4" ID X 15/16" OD X 3/32" O-Ring
Y	99101116	Spring
Z	99101117	Retaining Ring
AA	99101115	Washer
BB	01149	Plunger Seat
CC	02028	3/8" X 8-32 Monel Screw
DD	29601	Hot Index Button
	29598	Cold Index Button

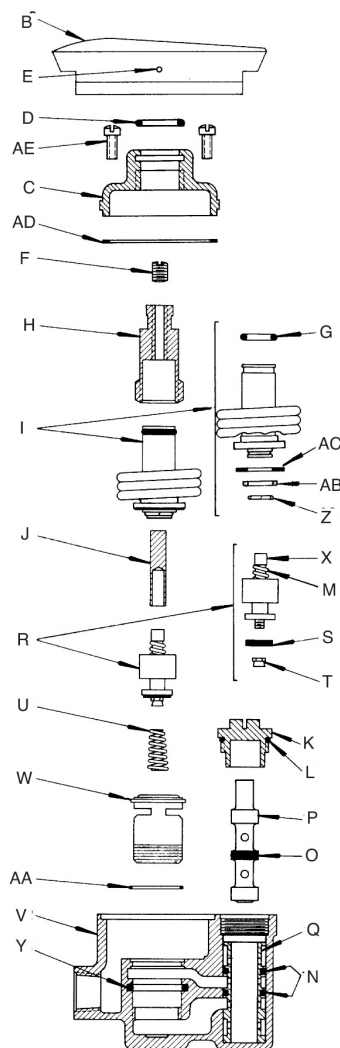
Kohler / Lawler

Kohler Removable Pop Up Bath Drain K-7150, K-7160, K-7170 ClearPass



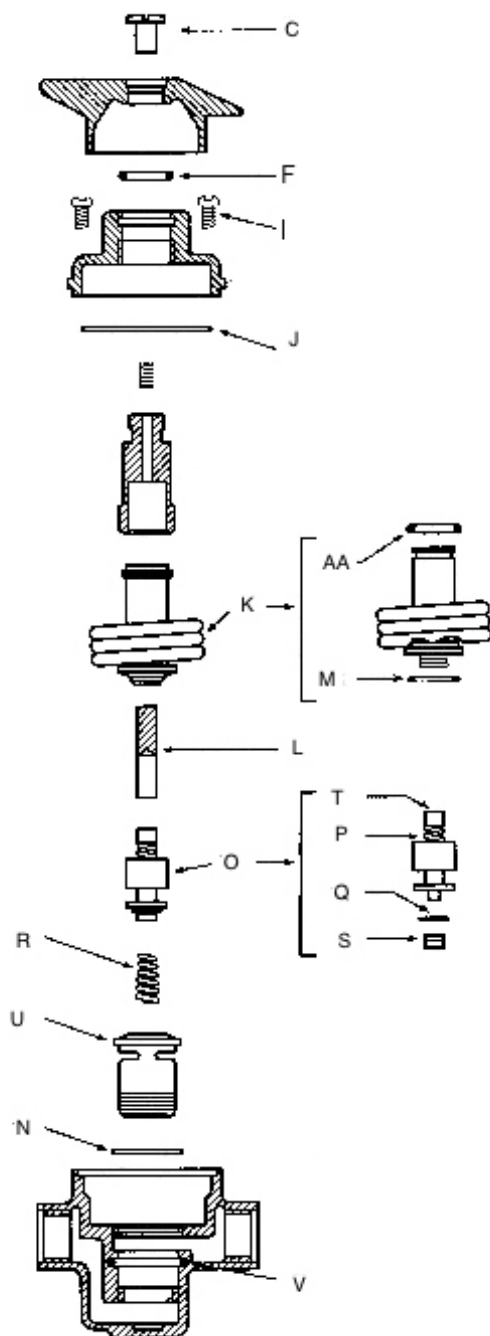
A	02110	9/16 X 8-32 Truss HD Handle Screw
B	29591	Plain Lever Handle (CP)
C	02138	10-24 X 2" Oval HD Brass Handle Screw
D	79570	Overflow Plate (CP)
E	79569	Spring Clip
F	30320	Crank Stem
G	79572	Lift Rod (K-7150/51/52-R)
	99101157	Lift Rod (K-7167/68/69-R)
L	99170139	Lift Rod Sub Assembly (K-7150/51/52-R)
	99101156	Lift Rod Sub Assembly (K-7172/K-7173-K_7177/78-R)
H	29771	Hex Nut
I	99101152	Washer
J	79568	Linkage Part
K	03105	Spring
M	01124	Washer
N	29763	Cotter Pin
O	99101151	Lock Ring
P	99101159	Ell Overflow Washer
Q	NLA	Overflow Elbow & Tube
R	87468	1-1/2 X 1-1/2 Brass S/J Nut (RB)
T	NLA	Drain Tee
U	87501	1-1/2 Poly S/J Washer
V	82202	1-1/2 X 12" 20 GA T.B.E. Tube (RB)
X	24343	Stopper Assembly (CP) (K-7150-53 & 67-75-R)
	99061002	Stopper Sub Assembly (CP) (K-7176-78-R)
Y	99101153	Strainer Body (CP)
Z	99101168	Drain Gasket
AA	99101169	Ell w/Drain Arm (CP)

Lawler Thermostatic Shower Mixing Valve "Echelon" Shower Mixing Valve (P/N 72035-00) Parts List P.S.-770-1



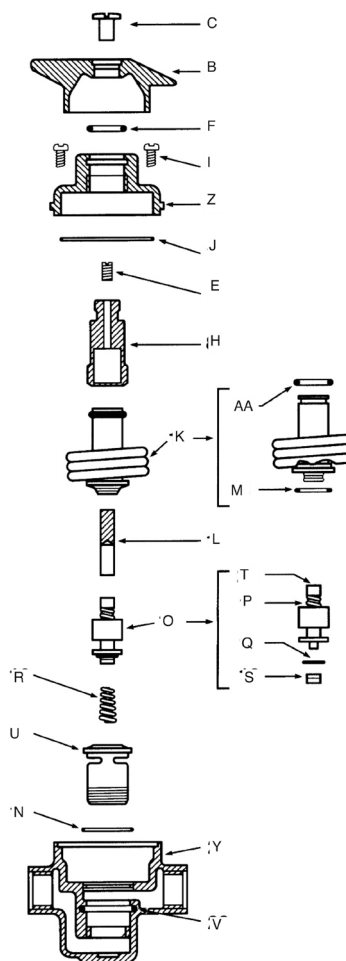
I	99101291	1/2" Thermostat Assembly Kit F
K	99101197	1/2" Pressure Balance Cap
P	99101211	Series 61 & 67 1/2" Kit F
AE	NLA	Cover Screw
1	99101201	1/2" Universal Thermostatic Section Repair kit (AA, AD, D, G, L, N, O, S, Y, I, J, U, R, N)
2	99101210	1/2" Universal Complete Thermostatic and Press Section Repair kit. (D, AE, AD, I, R, U, W, Y, N, Q, O, P, L, S, Z, AC, G)
3	99101203	Series 61 & 67 1/2" Kit B O-Ring & Gasket kit (D, AD, L, N, O, Y, AA, S, Z, AB, G)
4	99101205	1/2" Piston & Liner Assembly Kit C Piston & Liner Assembly (R, N, AA)
5	99101211	Series 61 & 67 1/2" Kit F Shuttle and Cylinder Assembly (N,O,P,Q)
6	99101291	1/2" Thermostat Assembly Kit F Thermostat Assembly (AD, I)
	NLA	Face Plate Assy Kit H (Not Shown)

**Thermostatic Shower Mixing Valve P.S.-772-93,
Parts List P.S.-770-1**



99101295	Face Plate Assembly Kit (Not Pictured)
C 99101187	Replacement Handle Screw (CP)
I NLA	Cover Screw
K 99101291	1/2" Thermostat Assembly Kit F
99101201	1/2" Universal Repair Kit (contains K, L, O, R, U and Kit 99101203)
99101203	Series 61 & 67 1/2 In Kit B O-ring & Gasket Kit (contains C, J, M, N, Q, V, AA)
99101205	1/2" Piston & Liner Assembly Kit C (contains N,O,U)
99101291	1/2" Thermostat Assembly Kit F (contains J,K)

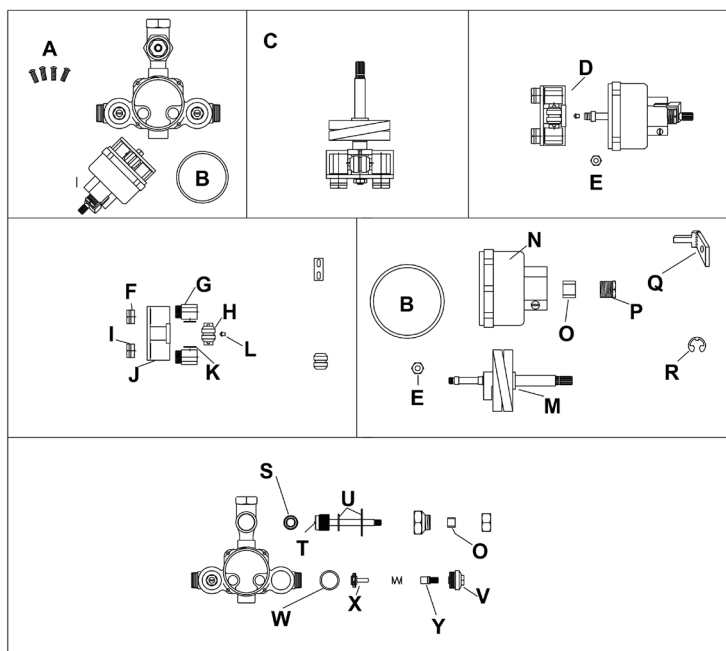
**Thermostatic Shower Mixing Valve P.S. 4000-1
Parts List P.S.-770-1**



A 99101187	Replacement Handle Screw (CP)
B 99101188	Replacement Lever Handle (CP)
H 99101291	1/2" Thermostat Assembly Kit F
99101297	Series 410 3/4" Thermostat
99101201	1/2" Universal 1/2" Complete Repair Kit (contains H-O-T-V (2)-B-C)
99101202	3/4" Universal Complete 3/4" Repair Kit (contains H-O-T-V (2)-B-C)
99101203	Series 61 & 67 1/2" Kit B 1/2" O-Ring and Gasket Kit (contains E-G-I-J-Q-R-U)
99101204	Series 61 & 67 3/4" Kit B 3/4" O-Ring and Gasket Kit (contains E-G-I-J-Q-R-U)
99101205	1/2" Piston & Liner Assembly Kit C 1/2" (contains L-P-Q)
99101206	Series 410 3/4" Piston & Liner (contains L-P-Q)
99101207	1/2" - Series 4000 Cover Assembly BRASS (contains C-D-E-F)
99101208	Series 4000 3/4 Cover & Spindle Kit E CHROME PLATED (contains C-D-E-F)
99101291	1/2" Thermostat Assembly Kit F (contains G-H-I-U)
99101297	Series 410 3/4" Thermostat (contains G-H-I-U)

Leonard

Shower Valve Model No. M-15-C, M-20-C, M-20-CST, M-15-E, M-20-E, M-20-EST



A	99011496	Inline Diverter Set Screws
B	99101221	Cover Gasket
C	99101213	Thermostat Control Assembly
D	99101214	Bridge Assembly
E	99101254	Pointer Nut Rod
F	99101215	Holder Nut
G	99101217	Port Sleeve Holder
H	99101219	Port Sleeve Assembly
I	99103056	O-Ring
J	99101218	Bridge
K	99101220	Port Sleeve Packing
L	99103055	Port Sleeve Stud
M	90139	Thermostat Group
N	99381408	Cover (CP)
	99316312	Cover (RP)
O	99101261	Gland Packing
P	99101267	Bonnet Cap (CP)
	99012224	Bonnet Cap (RP)
Q	99101262	Stop
R	99101263	Retaining Ring
S	99101227	Seat
T	99101228	Seat Washer Kit
U	99101229	Bonnet Washer & Spacer
V	99101237	Bonnet (S/S)
W	99101233	Bonnet Packing
X	99101234	Lower Stem w/ Packing
Y	99101236	Upper Stem Assembly (CP)
	33585	Upper Stem Assembly (RP)

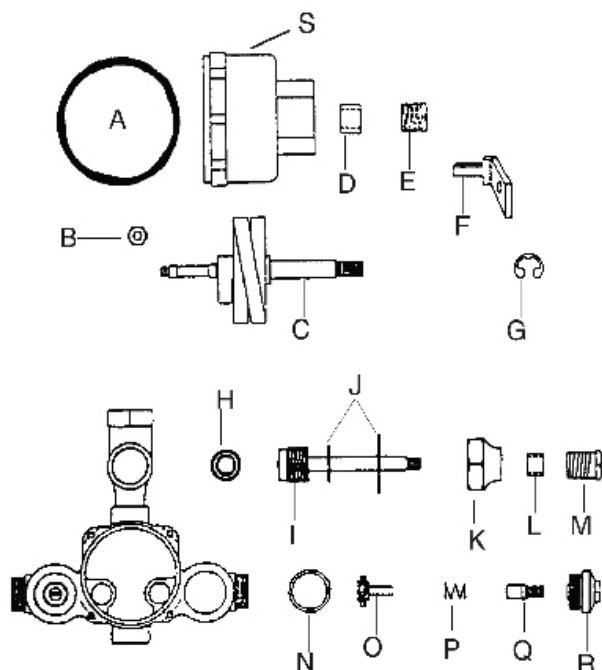
TM-15, M20, TM20 Rebuilding Kit



99012308 Shower Rebuilding Kit
Contains cover gasket and
thermostatic control assembly.

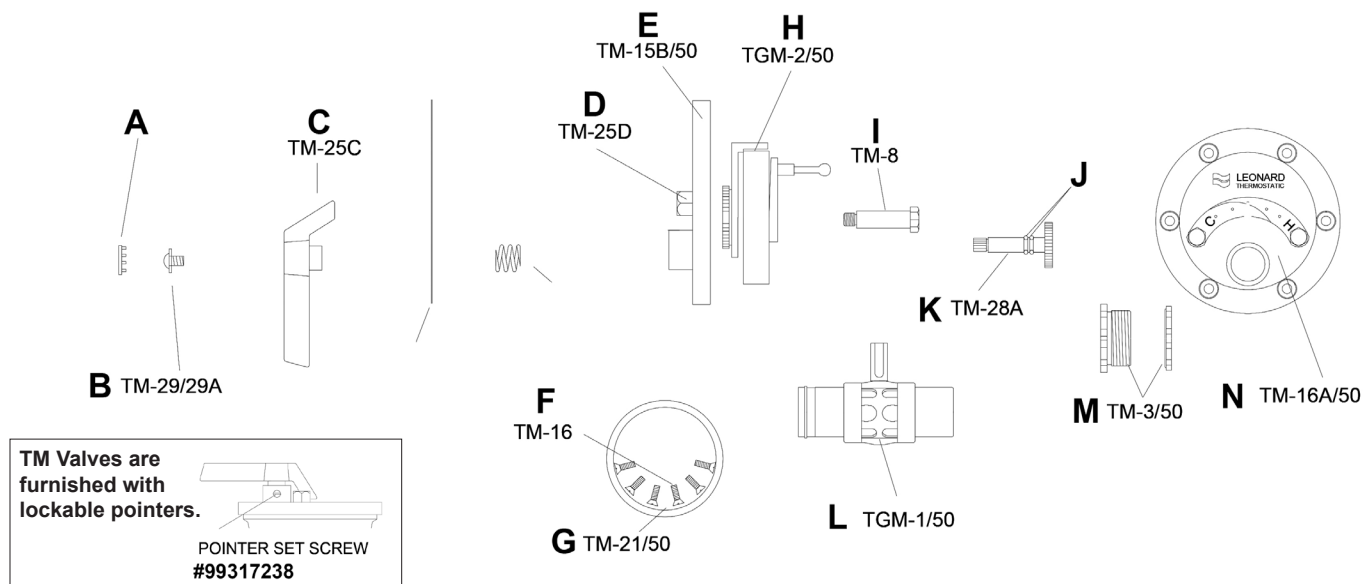
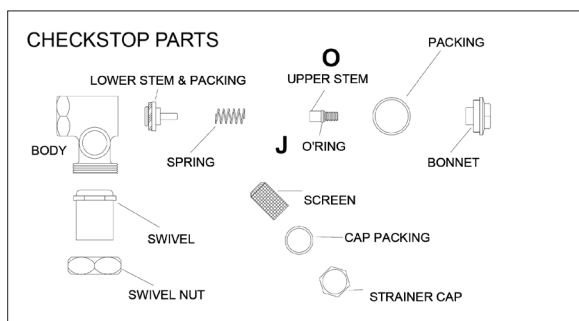
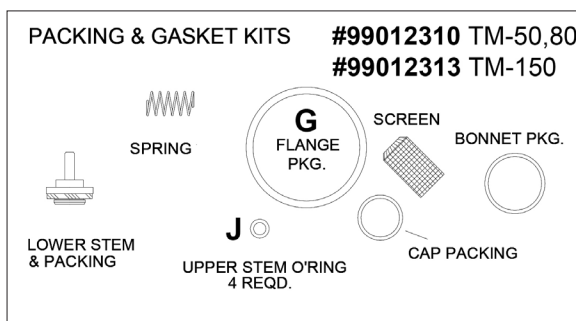
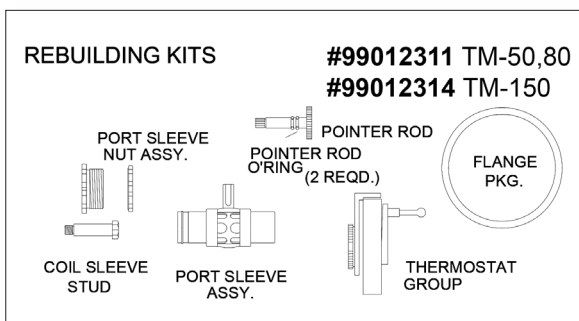
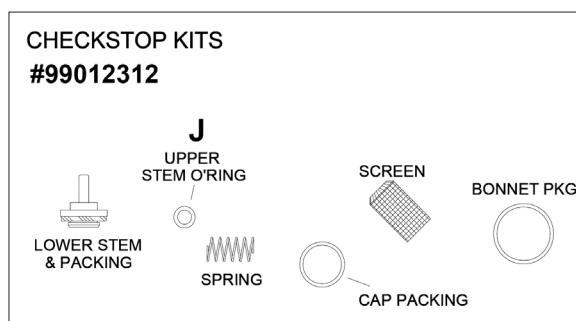
SHOWER SCHEMATICS

Shower Valve Breakdown Model No. M-10-C, M-10-CST, M-10-E



A	99101221	Cover Gasket
B	99101254	Pointer Rod Nut
C	90139	Thermostat Group
D	99101261	Gland Packing (2)
E	99101267	Bonnet Cap (CP)
F	99101262	Stop
G	99101263	Retaining Ring
H	99101226	Seat (Prior 1975)
	99101227	Seat (After 1975)
I	99101228	Seat Washer Kit
J	99101229	Bonnet Washer & Spacer
K	99101230	Bonnet (CP)
	99103058	Bonnet (RP)
L	99101231	Stem Packing
M	99101232	Bonnet Cap (CP)
	99050391	Bonnet Cap (RP)
N	99101233	Bonnet Packing
O	99101234	Lower Stem w/Packing
P	99101235	Spring
Q	99101236	Upper Stem Assembly (CP)
	33585	Upper Stem Assembly (RP)
R	99101237	Bonnet (CP)
	99101237	Bonnet (RP)
S	99381408	Cover (CP)
	99316312	Cover (RP)

Shower Valve Model No. TM-50, 80, 125, 150 (TMS-25, 50, 80)

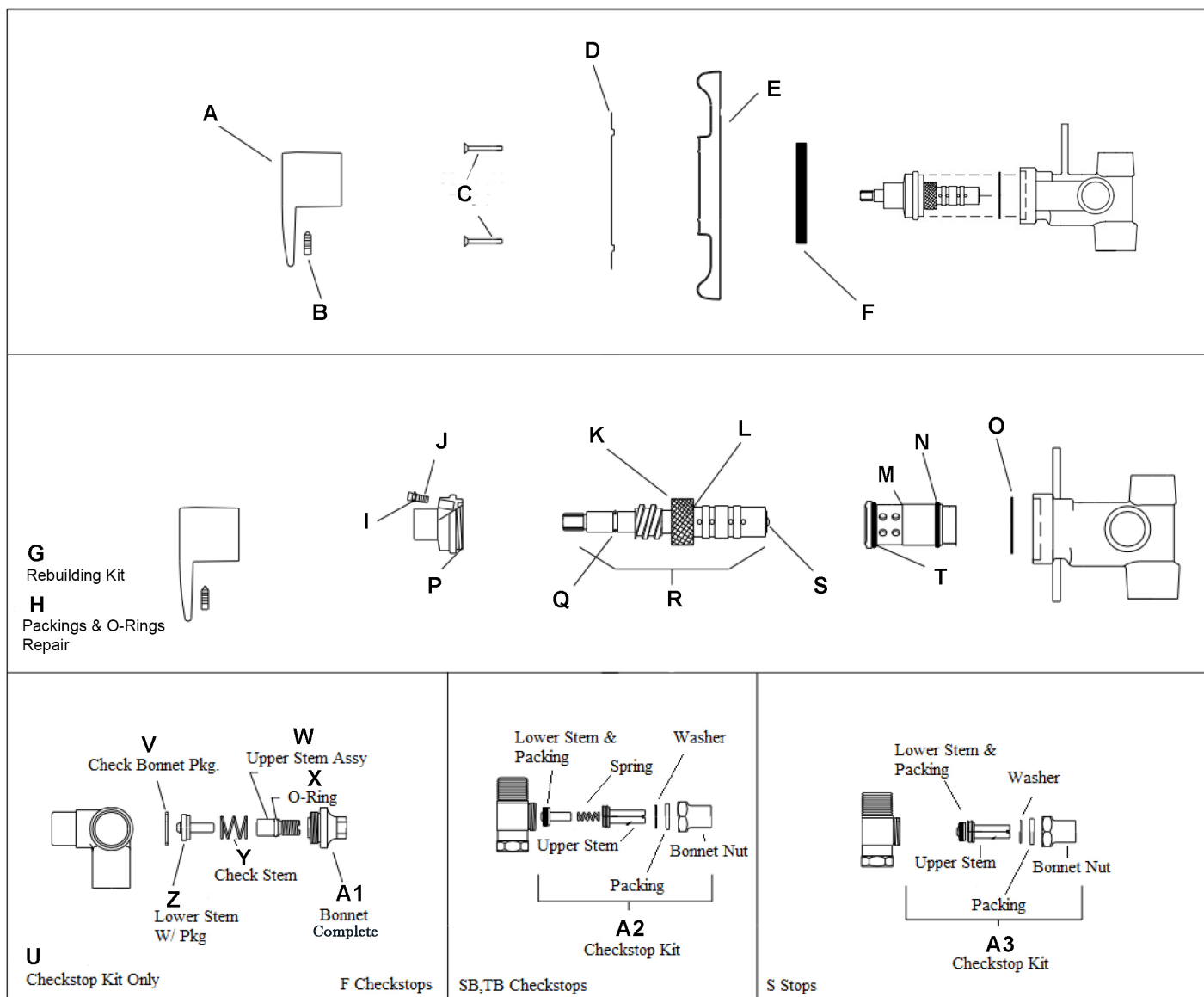


A	99316313	Snap Cap (RP)
	99101439	Snap Cap (CP)
B	99120050	Screw w/Washer
C	99316314	Pointer (RP)
	99101238	Pointer (CP)
D	99316316	Stop Screw (RP)
	99101239	Stop Screw (CP)
E	99316315	Cover (RP) (TM-50/80)
	99101240	Cover (CP) (TM-50/80)
	99101241	Cover (CP) (TM-150)
	99316317	Cover (RP) (TM-50)
F	99101244	Cover Screw
G	99101246	Flange Packaging (TM-50/80)
	99101245	Flange Packaging (TM-150)

H	99060144	Thermostat Group (TM-50/80)
	99101242	Thermostat Group (TM-150)
I	99101243	Coil Sleeve Stud
J	99441278	Lower Rod O-Ring
K	99040491	Pointer Rod
L	99060142	Port Sleeve Assembly (TM-50/80)
	99316318	Port Sleeve Assembly (TM-150)
M	99101249	Port Sleeve Nut Assembly (TM-50/80)
	99101250	Port Sleeve Nut Assembly (TM-150)
N	99050388	Dial Plate (TM-50/80)
	99163135	Dial Plate (TM-150)
O	33585	Upper Stem Assembly (RP)
	99101236	Upper Stem Assembly (CP)

Leonard

Pressure Balancing Mixing Valve PAM-II-ST 1/2" Top & Bottom Outlet

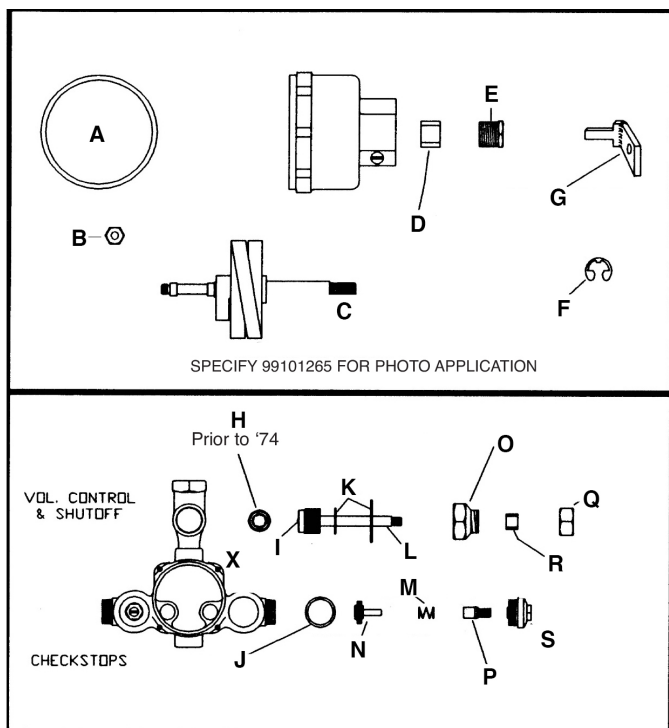
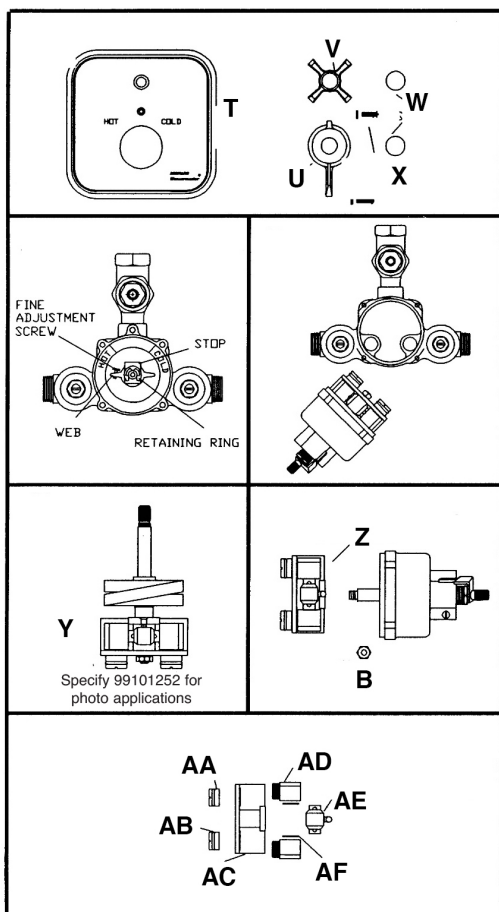


SHOWER SCHEMATICS

A	99032746	Pointer (New Style)	Q	99101429	O-Ring
B	99454178	Pointer Screw	R	99101430	Control Rod Group
C	99273144	Flange Screw	S	99101431	Lower Packing and Screw
D	99273143	Dial Plate	T	99050582	O-Ring
E	99087026	Wall Flange w/ Dial Plate & (2) Screws	U	99060226	Checkstop Kit*
F	99101454	Pointer Gasket	V	99101433	Check Bonnet Package
G	99410007	Rebuilding Kit (Includes: H-T)	W	99101236	Upper Stem Assembly (CP)
H	99631091	Packings and O-Ring Repair	X	99441278	O-Ring
I	99591419	O-Ring (w/ Stop Screw)	A1	99101455	Bonnet Complete (CP)
J	99591419	Stop Screw (w/O-Ring)		99316322	Bonnet Complete (RP)
K	99101427	Upper Cup	A2	99101456	Checkstop Kit (SB & TB)
L	99101428	Upper Packing	A3	99060226	Checkstop Kit Only*
M	99101432	Sleeve	Y	09508	Check Stem
N	99050582	O-Ring	Z	33586	Lower Stem w/ Packing
O	99591420	Cover Gasket			
P	99591417	Cover			

*Includes all parts pictured in that box

Shower Valve Model No. M-10-C, M-10-CST, M-10-E



A	09507	Cover Gasket
B	99101254	Pointer Rod Nut
C	99101264	Thermostat Group
D	99101265	Thermostat Group (Photo)
E	99101261	Gland Packing
F	99101267	Bonnet Cap (CP)
G	99101263	Retaining Ring (TA)
H	99101262	Stop
I	99101226	Seat
J	99101311	Seat Packing & Screw
K	99101314	Bonnet Packing
L	99101229	Bonnet Washer & Spacer
M	99101312	Stem w/Washer & Screw (RP)
N	09508	Check Spring
O	33586	Lower Stem w/Packing
P	99101266	Bonnet (CP)
Q	33585	Upper Stem Assembly (RP)
R	99101267	Bonnet Cap (CP)
S	99101261	Gland Packing
T	99101315	Bonnet (RP)
U	99101689	Wall Flange
V	29412	Handle Pointer
W	99101212	4-Arm Handle
X	99101439	Snap Cap (CP)
Y	02031	1/2" X 10-24 Monel Screw
Z	99101251	Thermostat Control Assembly
	99101252	Thermostat Control Assembly (Photo)
	99101253	Bridge Assembly
AA	99101255	Port Sleeve Holder Nut
AB	99101216	Cover O-Ring
AC	99101258	Bridge
AD	99101256	Port Sleeve Holder
AE	99101257	Port Sleeve Assembly
AF	99101259	Port Sleeve Packing

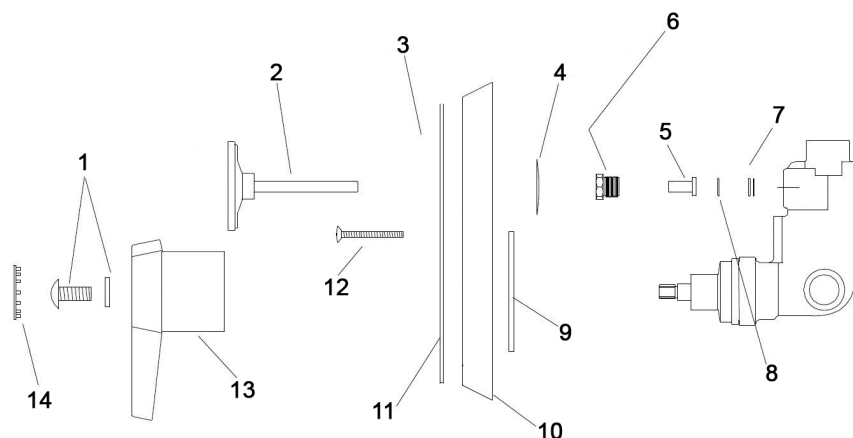
Leonard Valve Thermostatic Rebuilding Kit



99475505 Thermostatic Rebuilding Kit
Leonard Valve 7600 series thermostatic shower valve rebuild kit.

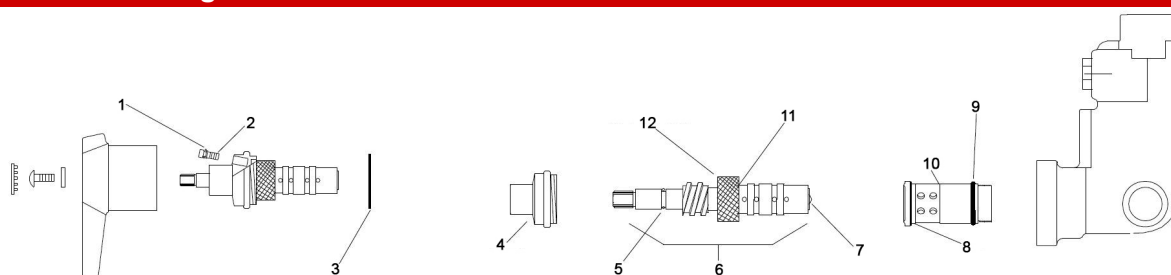
Leonard

6700 PAM II ST



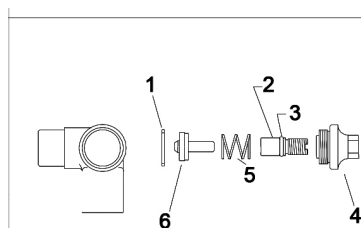
1	99101415	Pointer Screw w/Washer
2	99101416	Thermometer
3	99101417	Thermometer Gasket
4	99101418	Thermometer Clip
5	99101453	Test Plug
6	99101419	Thermometer Well
7	99101420	Thermometer O-Ring
8	99101425	Washer
9	99101454	Handle/Gasket
10	99101424	Wall Flange
11	99101423	Dial Plate
12	99101422	Wall Flange Screw
13	29412	Handle Pointer
14	99101439	Snap Cap (CP)

6700 PAM II ST Cartridges

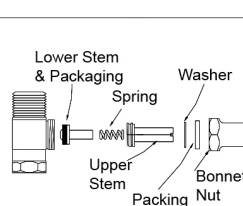


1	99040819	O-Ring
2	99040820	Stop Screw
3	99101426	Cover Gasket
4	99591417	Cover w/Stop (CP)
5	99101429	Control Rod O-Ring
6	99101430	Control Rod Group
7	99101431	Lower Packing & Screw
8	99101432	Sleeve Packing
9	99050582	Sleeve O-Ring
10	33587	Sleeve
11	99101428	Upper Cup Packing
12	99101427	Upper Cup

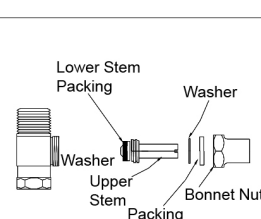
6700 PAM II ST Stops



F CHECKSTOPS



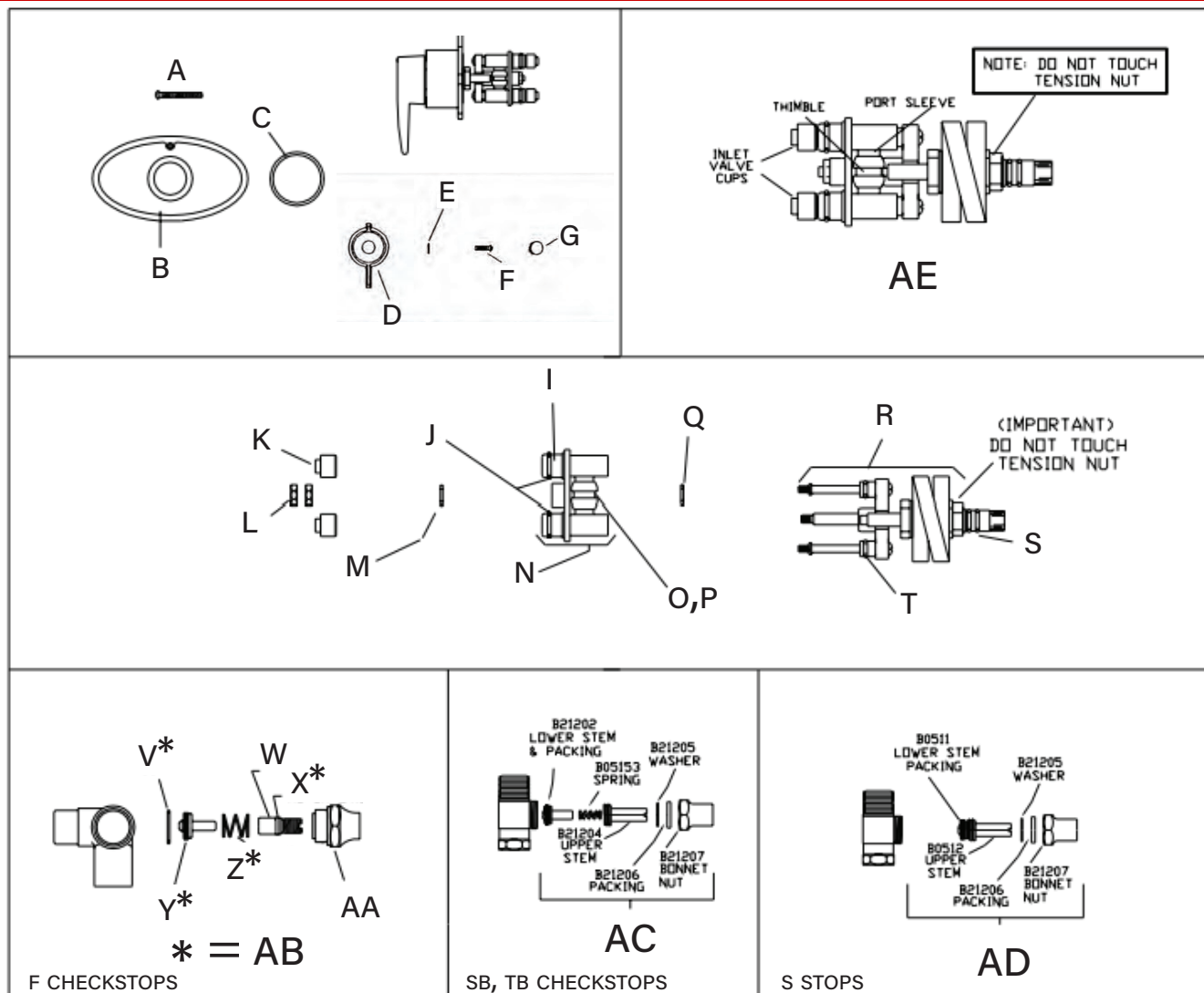
SB. TB CHECKSTOPS



S STOPS

1	99101433	Check Bonnet Packing
2	99101236	Upper Stem Assembly (CP)
	33585	Upper Stem Assembly (RP)
3	00030	5/16" ID X 7/16" OD X 1/16" O-Ring
4	99101455	Bonnet Complete (CP)
5	09508	Check Spring
6	33586	Lower Stem w/Packing
7	99101456	Checkstop Repair Kit*
8	99101456	S Stops Repair Kit *

* Includes all parts pictured in that box.

LVC-TCA-2 Thermostatic Valve Assembly

A	99101434	Wall Flange Screw
B	99101435	Wall Flange
C	09509	Cover Gasket
D	99101438	Pointer
E	99101437	Pointer Washer
F	99101440	Pointer Screw
G	99101439	Point Cap
I	99101442	Bridge Holder Nut
J	99101429	Control Rod O-Ring
K	99101444	Valve Cup w/Packing
L	99101445	Control Rod Nut
M	99101446	Control Rod Washer
N	99101449	Bridge Assembly
O	99101450	Port Sleeve Assembly
P	99101451	Port Sleeve Packing
Q	99101447	Bridge Washer
R	99101448	Thermostatic Control Yoke
S	99101429	Control Rod O-Ring
T	00205	3/8" OD X 1/4" ID X 1/16" O-Ring
U	70420	Cup Packing Washer
V	99101433	Check Bonnet Packing

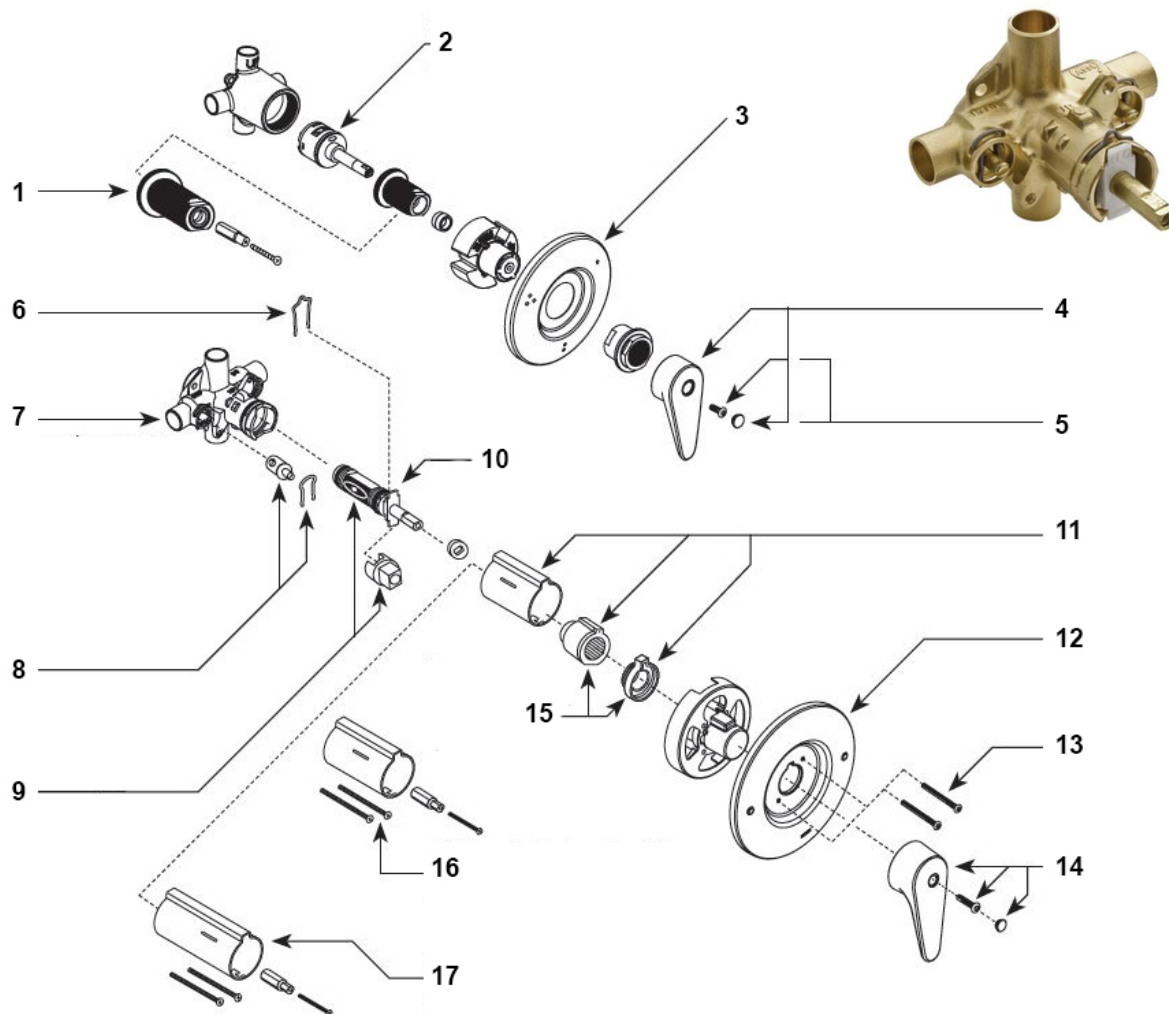
W	99101236	Upper Stem Assembly (CP)
	33585	Upper Stem Assembly (RP)
X	00030	5/16" ID X 7/16" OD X 1/16" O-Ring
Y	33586	Lower Stem w/Packing
Z	09508	Check Spring
AA	99101455	Bonnet Complete (CP)
	99316322	Bonnet Complete (RP)
AE	90144	Thermostatic Control

Repair Kits

29112	Kit 1 - Packing & Gasket Kit Includes: (2)C, (3)T, (3)U, (3)K, (1)J
60002	Kit R - Repair Kit Includes: AE & C
AB 99060226	Kit 4 - Checkstop Kit Includes: (2)V, (2)Y, (2)Z, (2)X
AC 99101456	Kit B - Checkstop Repair Kit See above for parts included
AD NLA	Kit C - S Stops Repair Kit See above for parts included

Moen

Moen M-DURA Posi-Temp Valve System



SHOWER SCHEMATICS

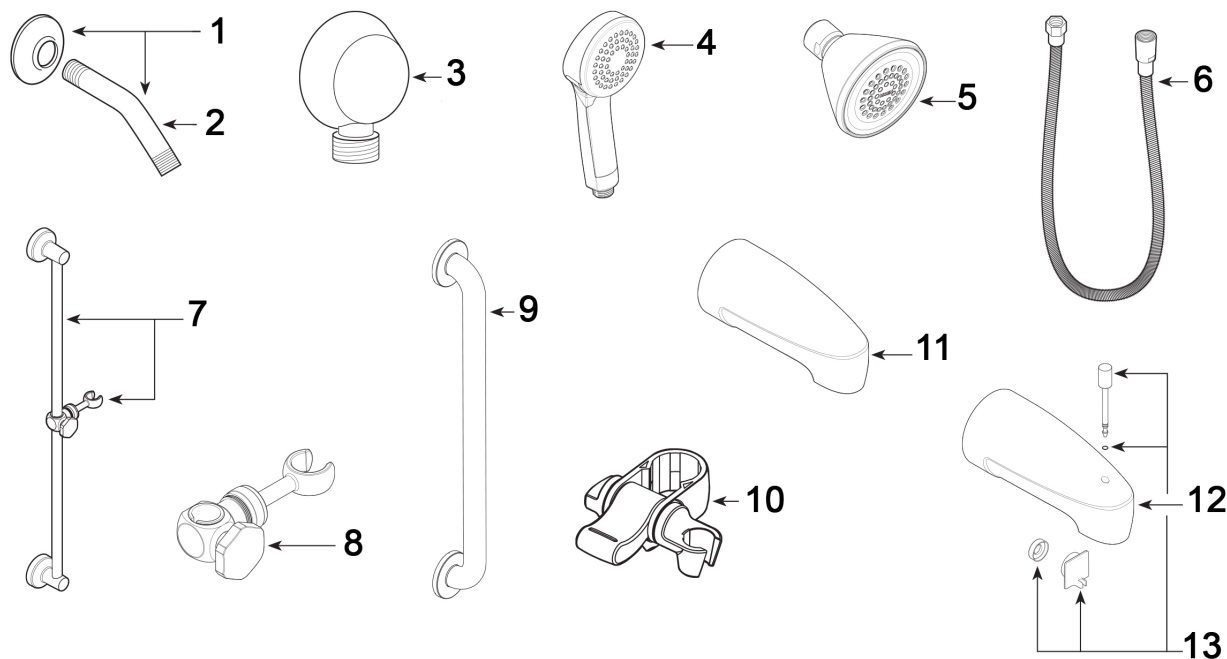
- | | | |
|----|----------|--------------------------------|
| 1 | 99860081 | 1" Extension Kit |
| 2 | 99720953 | 3-Function Cartridge |
| 3 | 99860082 | 3-Function Escutcheon (CP) |
| 4 | 99860083 | Handle Repair Kit |
| 5 | 88000072 | Handle Screw Kit |
| 6 | 22596 | Retainer Clip |
| 7 | 99611445 | CC Connections w/ Stops |
| | 99860092 | CC Connections w/o Stops |
| | 99631022 | IPS Connections w/ Stops |
| 8 | 99476301 | Stop Valve Kit |
| | 99102403 | Stop Valve Kit (Prior to 2/07) |
| 9 | 23541 | Cartridge Repair Kit |
| 10 | 99630964 | Replacement Cartridge |
| 11 | 23540 | Stop Tube Kit (CP) |
| 12 | 99860085 | Escutcheon (CP) |
| 13 | 88003892 | Escutcheon Screws (2)(CP) |
| 14 | 99860086 | Lever Handle Kit (CP) |
| 15 | 99015071 | Temperature Limit Stop Kit |
| 16 | 99101332 | 1" Handle Extension Kit (CP) |
| 17 | 99080265 | 2" Handle Extension Kit (CP) |

**Models beginning in T are trim kits and do not include valve(s).*

Moen M-DURA Tub/Shower Valve System

M•DURA® Tub/Shower Systems								
MODEL	Posi-Temp®	3-FUNCTION TRANSFERVALVE	HANDSHOWER	TUB SPOUT	SHOWERHEAD	DROP ELL	SLIDE BAR	GRAB BAR / SLIDE BAR
T9360 Three-Function Transfer Valve		X						
T9370 Posi-Temp® Valve Control	X							
T9375 Posi-Temp® Shower	X				X			
T9389 Posi-Temp® Tub/Shower	X			X	X			
T9342 Posi-Temp® Shower System	X	X	X		X	X	X	
T9342GBM Posi-Temp® Shower System	X	X	X		X	X		X
T9343 Posi-Temp® Tub/Shower System	X	X	X	X	X	X	X	
T9343GBM Posi-Temp® Tub/Shower System	X	X	X	X	X	X		X
T9346 Posi-Temp® Hand Shower System	X		X			X	X	
T9346GBM Posi-Temp® Hand Shower System	X		X			X		X

Models beginning in T are trim kits and do not include valve(s).

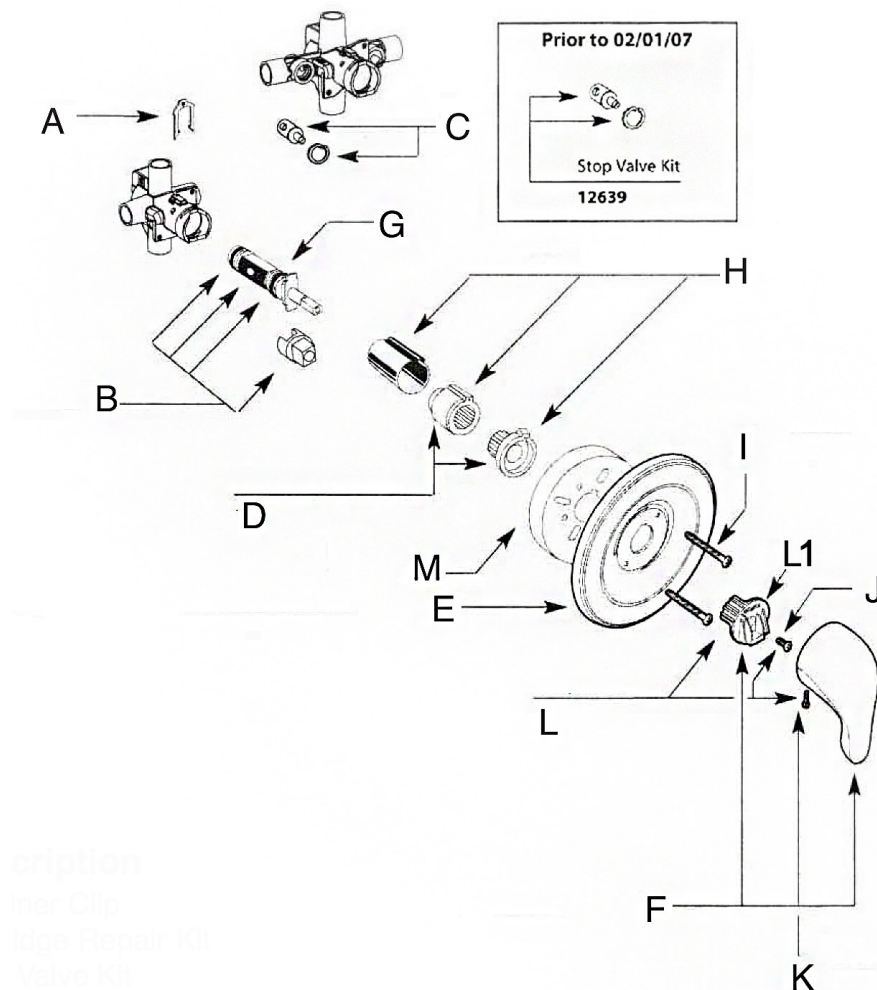


- | | | |
|---|----------|-----------------------------------|
| 1 | NLA | Showerarm & Flange (CP) |
| 2 | 99290095 | Showerarm (CP) |
| 3 | 99150684 | Drop Ell (CP) |
| 4 | 99591614 | 1.5 gpm Handheld Shower Wand (CP) |
| | NLA | 2.5 gpm Handheld Shower Wand (CP) |
| 5 | 99591612 | 1.5 gpm Showerhead (CP) |
| | 99591611 | 2.5 gpm Showerhead (CP) |
| 6 | 99860087 | 50" Plastic Handshower Hose |
| | 99080172 | 69" Metal Handshower Hose |
| | 99860088 | 80" Metal Handshower Hose |

- | | | |
|----|----------|-----------------------------------|
| 7 | NLA | 30" Slide Bar & Clamp (CP) |
| 8 | 99112535 | Slide Bar Clamp (CP) |
| 9 | 99441121 | 24" x 1-1/2" Grab Bar (Stainless) |
| | 99476175 | 36" x 1-1/2" Grab Bar (Stainless) |
| 10 | 99771045 | Grab Bar / Bar Bracket |
| 11 | 99860089 | Non-Diverting Tub Spout (CP) |
| 12 | 99860090 | Diverting Tub Spout (CP) |
| 13 | 99860091 | Tub Gate Kit |

Moen / Mixet

Chateau® Posi-Temp® Single Handle Tub/Shower



Retainer Clip Posi-Temp
Cartridge Repair Kit
Stop Valve Kit (After 02/01/07)
Temperature Limit Stop Kit
Escutcheon Chateau (CP)
Posi Temp Escutcheon (CP)
Lever Handle 1-Handle (CP)
Lever Handle 1-Handle (PB)
Cartridge
Stop Tube (CP)
Stop Tube (PB)
Escutcheon Screws (2) (CP)
Escutcheon Screws (2) (PB)
Handle Screw
Plug Button, Chateau (CP)
Posi-Temp Handle Adapter
Handle Adapter
Plaster Ground, Posi-Temp

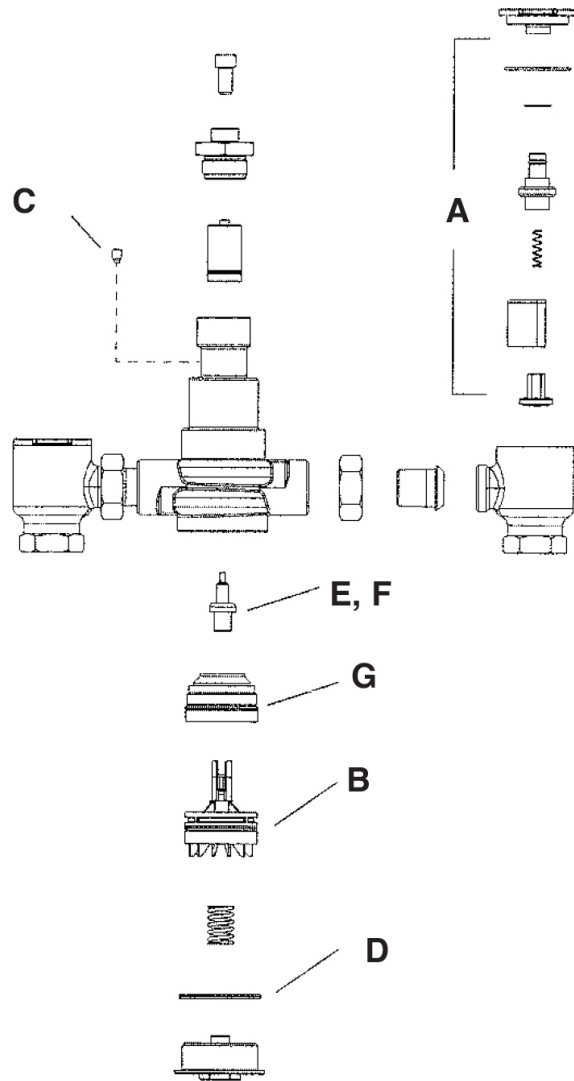
A	22596	Retainer Clip Posi-Temp
B	23541	Cartridge Repair Kit
C	99102403	Stop Valve Kit (After 02/01/07)
D	99015071	Temperature Limit Stop Kit
E	99015072	Escutcheon Chateau (CP)
	24986	Posi Temp Escutcheon (CP)
F	99035747	Lever Handle 1-Handle (CP)
	99103378	Lever Handle 1-Handle (PB)
G	23542	Cartridge
H	23540	Stop Tube (CP)
H	99103380	Stop Tube (PB)
I	02117	Escutcheon Screws (2) (CP)
	99103381	Escutcheon Screws (2) (PB)
J	99103382	Handle Screw
K	99311545	Plug Button, Chateau (CP)
L	99340891	Posi-Temp Handle Adapter
L1	99110851	Handle Adapter
M	88002500	Plaster Ground, Posi-Temp

Not Shown

	99101332	1" Handle Extension Kit (CP)
	99103375	1" Handle Extension Kit (PB)
	99080265	2" Handle Extension Kit (CP)
	99103376	2" Handle Extension Kit (PB)

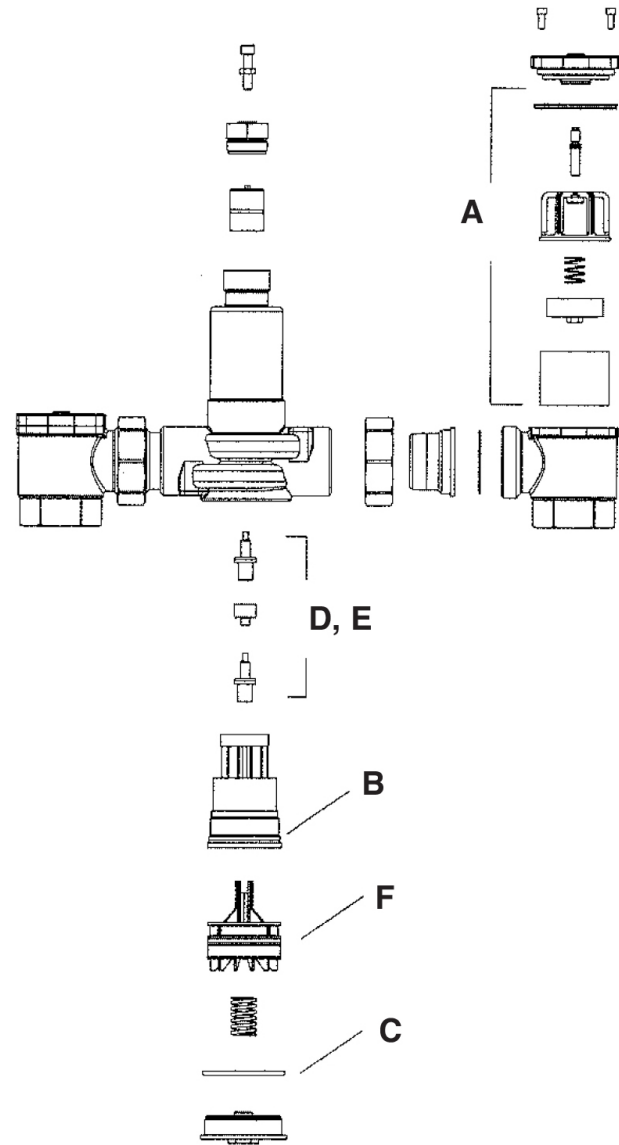
Powers

Hydroguard XP Master Tempering Valves MM431, MM432, MM433, MM434



A	99316338	Checkstop Rebuild Kit for MM431 and 432
	99316339	Checkstop Rebuild Kit for MM433 and 434
B	99316340	Plunger Kit for MM431 and 432
	99316341	Plunger Kit for MM433 and 434
C	99316342	Set Screw for MM431
D	99316343	O-Ring for MM431 and MM432
	99316344	O-Ring for MM433 and MM434
E	99316345	Actuator - Standard MM431 and 432
	99316346	Actuator - Standard MM433 and 434
F	99316347	Actuator - Low Temperature MM431 and 432
	99316348	Actuator Low Temperature
G	99316349	Funnel Kit for MM431 and MM432
	99316350	Funnel Kit for MM433 and MM434

Hydroguard XP Master Tempering Valves MM435

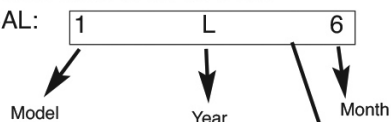


A	99316351	Checkstop Rebuild Kit for MM435
B	99316352	Plunger Kit for MM435
C	99316353	O-Ring for MM435
D	99316354	Actuator - Standard
E	99316355	Actuator - Low Temperature
F	99316356	Funnel Kit for MM435

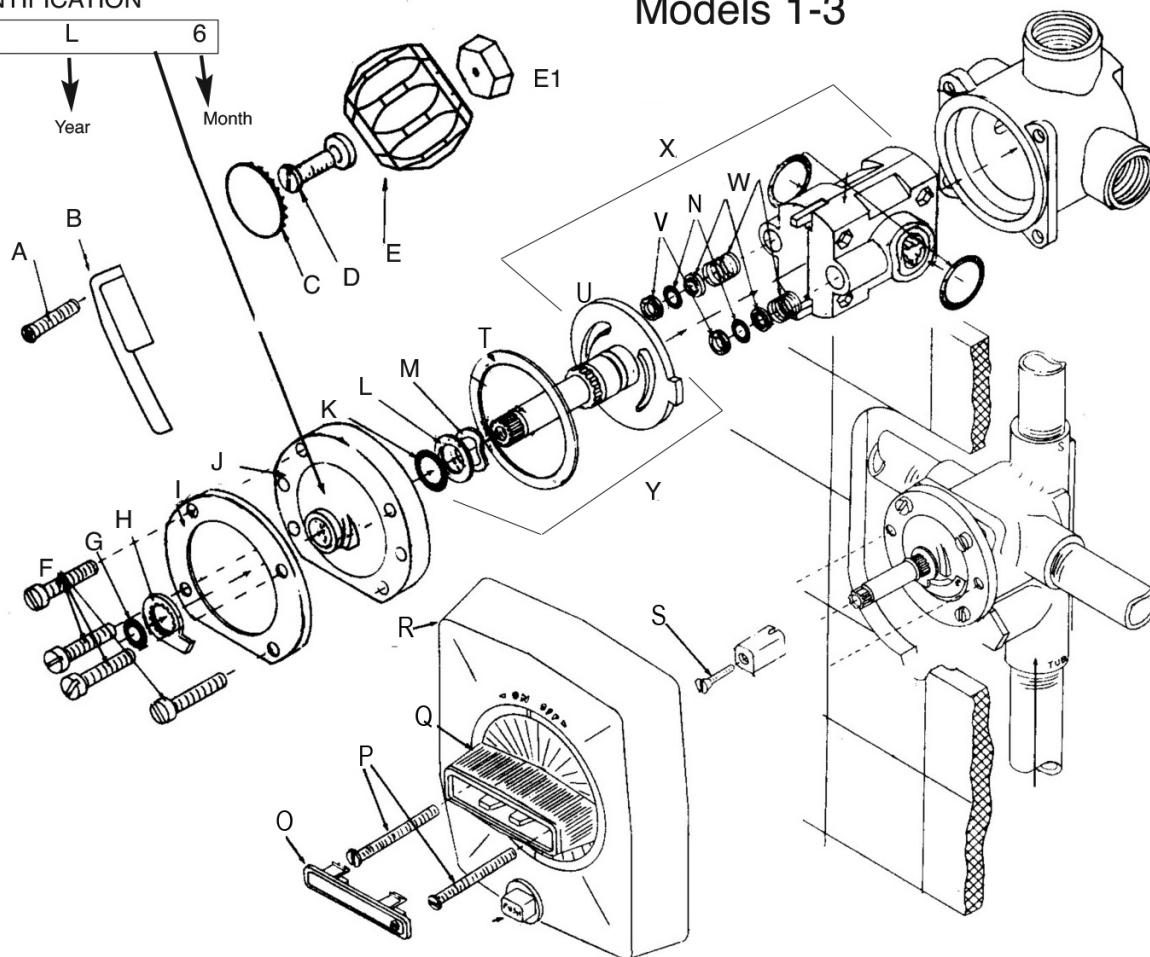
Powers

Hydroguard 400 Models 1-3

NAMEPLATE
FOR MODEL IDENTIFICATION
TYPICAL:



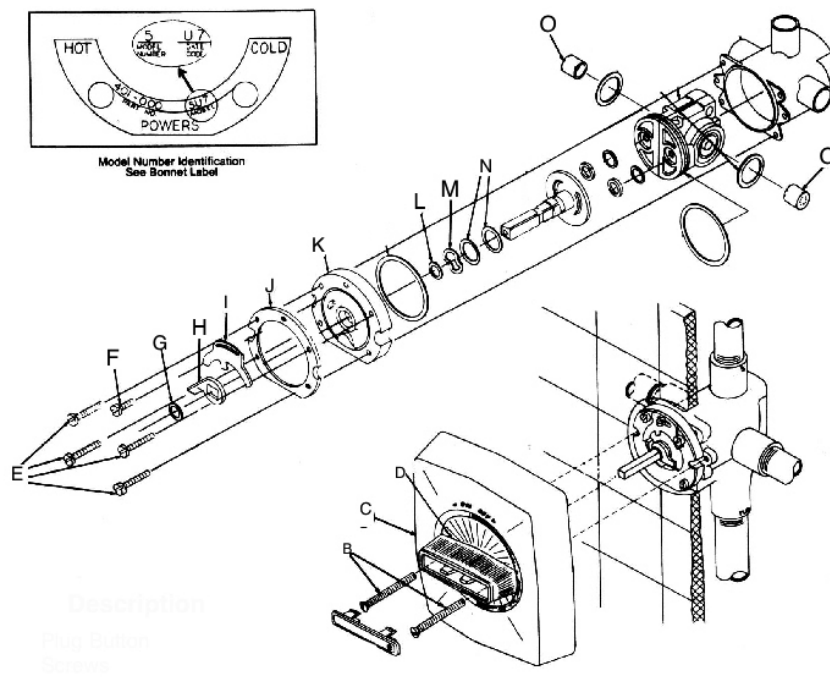
Models 1-3



A	99103658	8-32 X 1-1/4" Handle Screw (CP)
B	99103659	Lever Handle (CP)
C	99080462	Plug Button w/Inserts (CP)
D	99103200	8-32 X 1/2" Handle Screw (CP)
E	99103660	Handle Kit
E1	99103180	Insert for Lucite Handle (2)
F	99103616	10-24 X 7/8" Bonnet Screw (S/S)
G	00207	3/8" X 1/2" X 1/16" O-Ring
H	99103617	Temperature Stop (6)
I	99103613	Support Ring (S/S)
J	37586	Bonnet
K	00207	3/8" X 1/2" X 1/16" O-Ring
L	99103615	Flat Washer (PK/15)
M	99103614	Wavy Washer (S/S) (PK/10)
N	00207	3/8" X 1/2" X 1/16" O-Ring
O	99103618	Plug Button
P	99103609	8-32 X 2" Dial Retaining Screw Kit
Q	99160389	Plastic Handle
R	NLA	Dial Assembly Replacement
S	02139	8-32 X 1/2" Screw (Brass)
T	08071	Gasket & Disc Repair Kit (Includes G, K, V, N, & W)
X	29816	Balancing Cartridge Replacement (Models 1-3)
	29817	Balancing Cartridge Replacement (Models 4-6)
Y	36192	Stem & Plate Kit Conceal. (Models 1-3)
	36193	Stem & Plate Kit Exposed (Models 4-6)

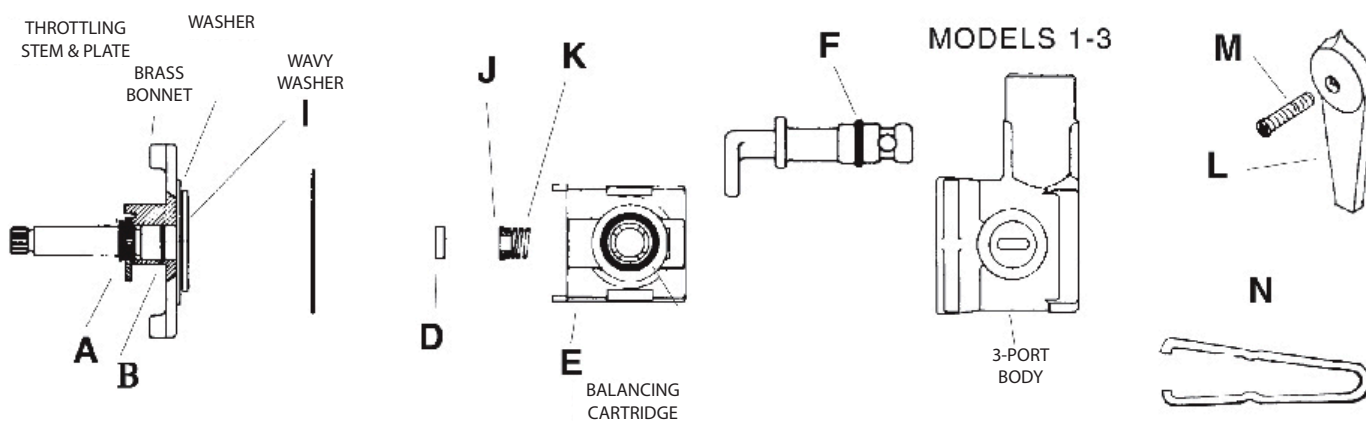
Powers

Hydroguard 400 Models 4-6



A	99103618	Plug Button
B	99103722	8-32 X 2-1/4" Screw (Brass)
C	99061162	Dial Assembly Kit
D	99103723	Complete Dial Assembly
E	99042217	10-32 X 1" Bonnet Screw (S/S)
F	99103610	10-32 X 5/16" Screw Adj. Stop (S/S)
G	00207	3/8" X 1/2" X 1/16" O-Ring
H	99103612	Adjustable Limit Stop
I	99042215	Adjustable Stop
J	99103613	Support Ring (S/S)
K	99042214	Bonnet
L	00207	3/8" X 1/2" X 1/16" O-Ring
M	99103614	Wavy Washer (S/S) (PK/10)
N	99103615	Flat Washer (PK/15)
O	99270472	Strainer Cap

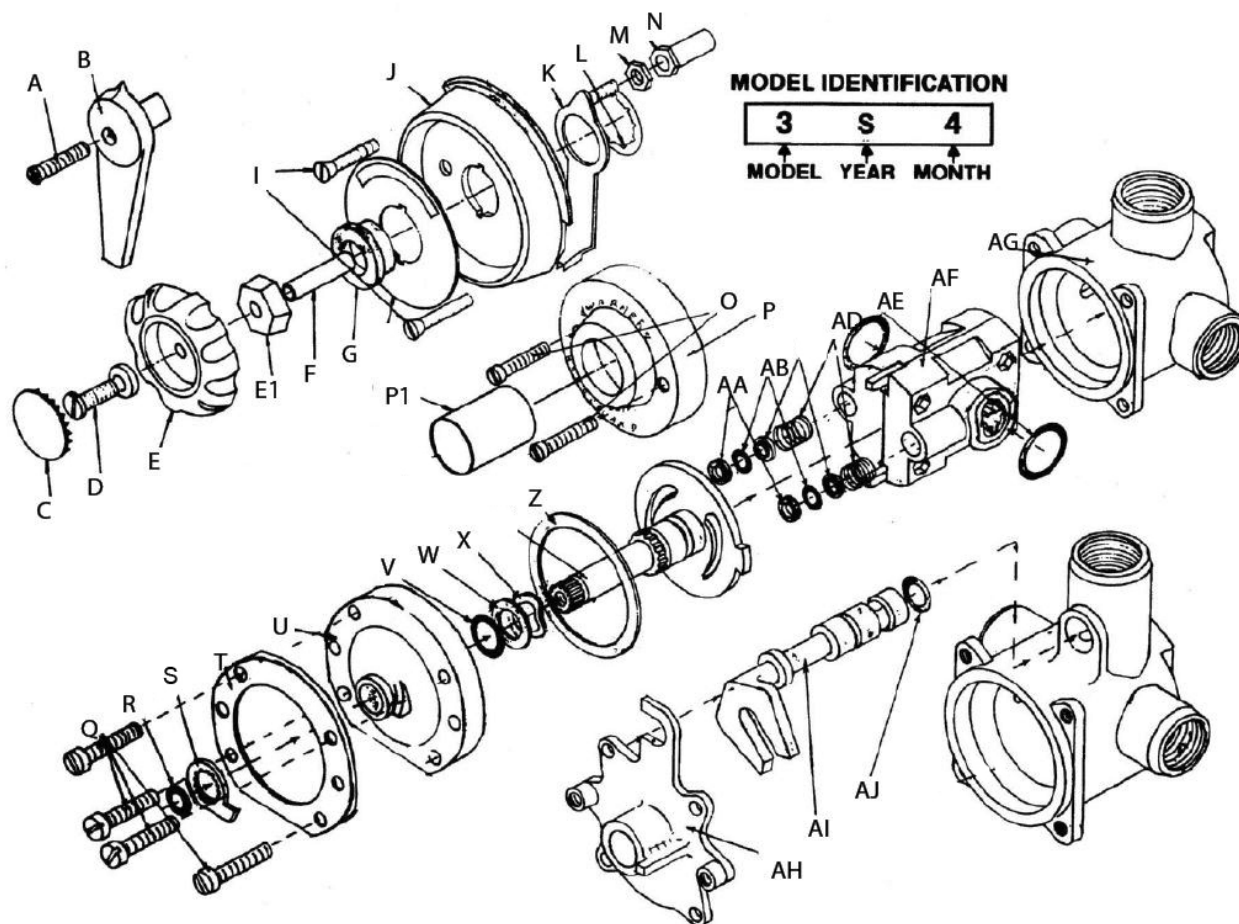
Hydroguard Series Mixing Valve 400 & 410



B	00207	3/8" X 1/2" X 1/16" O-Ring
D	42740	Shut Off Disc
E	29817	Balancing Cartridge Replacement
	00214	3/4" ID X 15/16" OD X 3/32" O-Ring
F	00207	3/8" X 1/2" X 1/16" O-Ring
J	NLA	Brass Guard
K	03115	Spring
L	29633	Model 7 Handle
M	02108	1/2" X 10-24 S/S Oval Head Handle Screw (S/S)
N	10129	New Style Powers Extractor
	08071	Gasket & Disc
	29817	Balancing Cartridge Replacement (Consists of C,D,E,E1,10,K)
	29816	Balancing Cartridge Replacement (Consists of C,D,E,E1,10,K)
	36192	Stem & Plate Kit Conceal. (Models 1-3) (Consists of A,B,C,G,H,I)
	36193	Stem & Plate Kit Exposed (Models 4-6) (Consists of A,B,C,G,H,I)

Powers

Hydroguard 410 Models 1-3

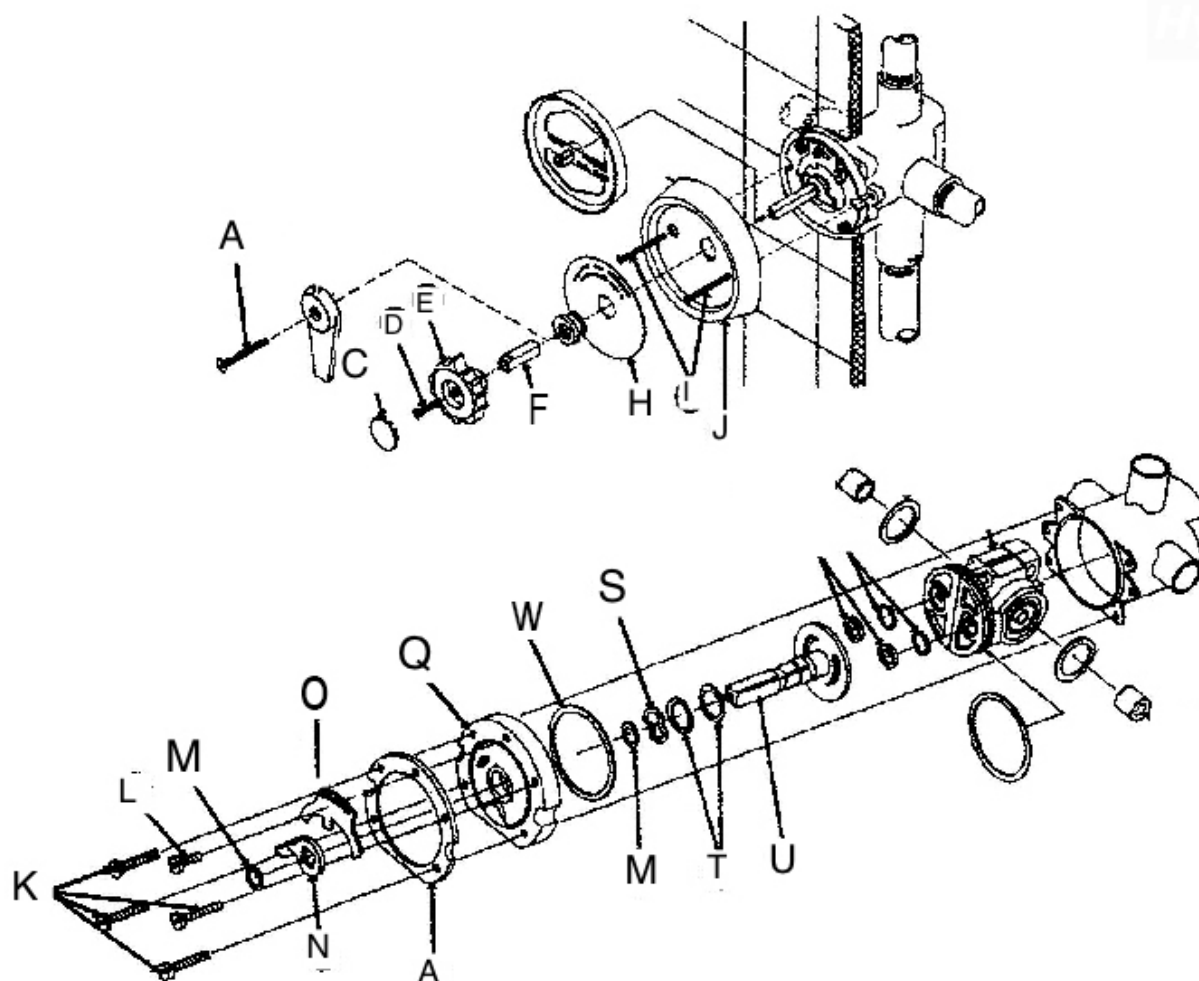


SHOWER SCHEMATICS

A	99103198	Lever Handle Screw Kit (PK/10)
B	99103621	Lever Handle Screw
B	29633	Model 7 Handle
	29057	Lever Handle (Kit W/Sleeve)
C	99080462	Plug Button w/Inserts (CP)
D	99103622	Handle Screw (4)
E	NLA	Handle Kit
E1	99103180	Insert for Lucite Handle (2)
F	99103623	Sleeve
G	99090536	Rubber Retainer
I	99103609	8-32 X 2" Dial Retaining (PK/20)
J	37593	Dial Assembly Kit
	NLA	Dial Assembly Deluxe
K	NLA	Volume Lever
L	NLA	Speed Nut
M	99103626	Hex Brass Nut
N	NLA	Sleeve Deluxe Only
O	99103661	Phil Head Brass Screw
P	99103628	Exposed Dial
P1	99120173	Sleeve (CP)
Q	99103616	10-24 X 7/8" Bonnet Screw (S/S)
	99103190	Screw
R	00207	3/8" X 1/2" X 1/16" O-Ring
S	99103617	Temperature Stop (6)
T	99103613	Support Ring (S/S)
U	37586	Bonnet
V	00207	3/8" X 1/2" X 1/16" O-Ring
W	99103615	Flat Washer (PK/15)

X	99103614	Wavy Washer (S/S) (PK/10)
Z	99103629	Bonnet Gasket (PK/10)
AA	42740	Shut Off Disc
AB	00207	3/8" X 1/2" X 1/16" O-Ring
AD	99103630	Spring
AE	99103631	O-Ring 3/4" X 15/16" X 3/32"
AF	99103632	Balance Chamber Assembly
AG	99103633	Valve Body Machined
AI	99121634	Volume Control Assembly
AH	99283693	Bonnet (Deluxe)
AJ	00207	3/8" X 1/2" X 1/16" O-Ring

Hydroguard 410 Models 4

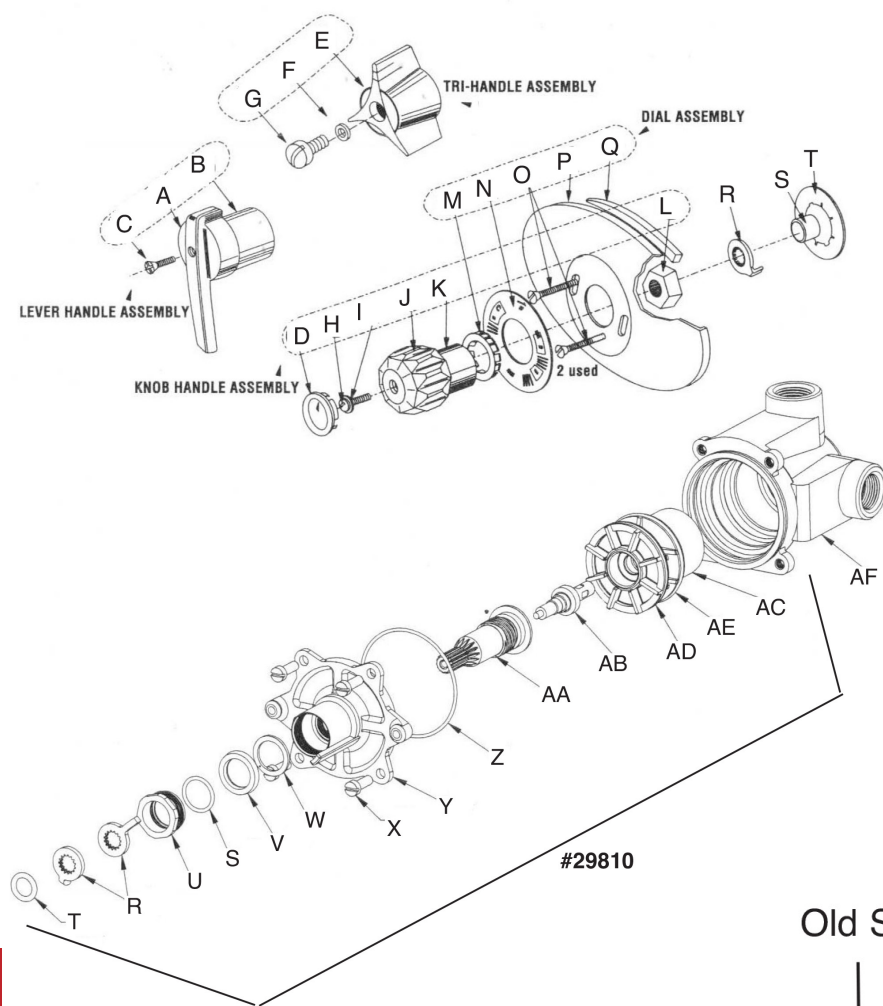


A	99103607	Screw 8-32 X 1-3/4"
C	99110508	Plug Button (PK/4)
D	99080025	Phillips Heavy Duty Brass Screw
E	NLA	Handle
F	99103623	Sleeve
H	NLA	Dial Insert
I	99103609	8-32 X 2" Screw (PK/20)
J	37593	Dial Assembly Kit
K	99042217	10-32 X 1" Bonnet Screw (S/S)
L	99103610	10-32 X 5/16" Screw Adj. Stop (S/S)
M	00207	3/8" X 1/2" X 1/16" O-Ring
N	99042216	Temperature Stop
O	99042215	Adjustable Stop
P	99103613	Support Ring (S/S)
Q	99042214	Bonnet
S	99103614	Wavy Washer (S/S) (PK/10)
T	99103615	Flat Washer (PK/15)
U	36193	Stem & Plate Kit Exposed (Models 4-6)
V	99270472	Strainer Cap
W	36192	Stem & Plate Kit Conceal. (Models 1-3) *
	99103617	Temperature Stop (6)
	99042219	410 Lever Handle Kit

* Includes: (F, O, S, T, & V). To replace lever handle, convert square to round stem order.

Powers

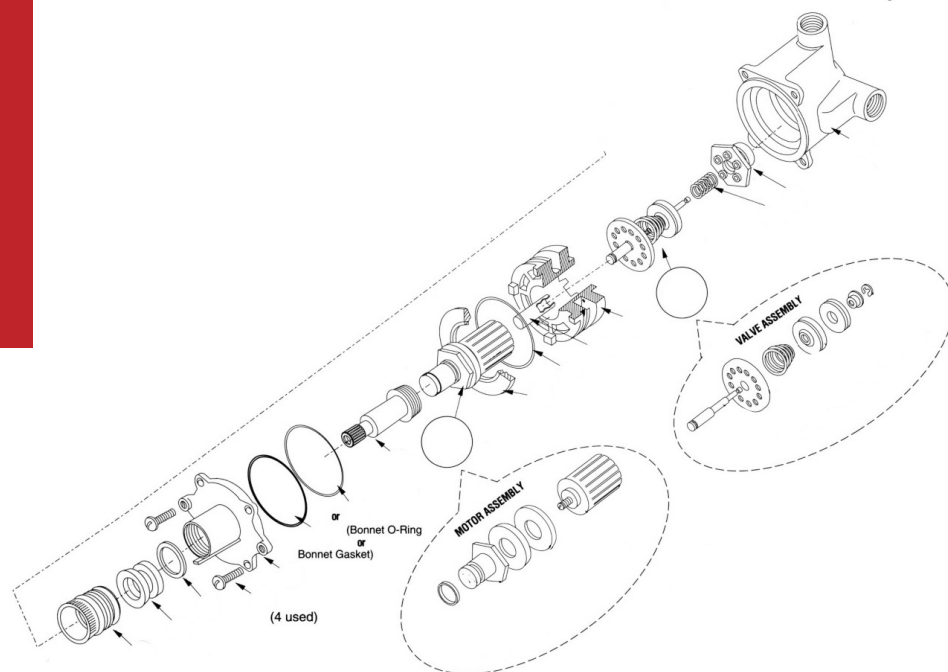
E420 Valve Model 1



	29810	Full Upgrade Repair Kit
A-C	99103197	Lever Handle
C	99103198	Lever Handle Screw Kit (PK/10)
D	99080462	Plug Button w/Inserts (CP)
D,H-L	99103199	Acrylic Handle Assembly
E	99103202	Tri-Handle
E-G	99161032	Tri-Handle Kit
F	99103203	Washer
G	99080025	Phil HD Brass Screw
H	99103200	8-32 X 1/2" Handle Screw (CP)
I	99103179	Washer
K	99120173	Sleeve (CP)
L	99103180	Insert for Lucite Handle (2)
M-Q	99120020	420 Dial Assembly (Grey Insert)
N	99091280	Dial Insert
O	99091278	8-32 X 1" Flat HD Brass Screw
P	99103183	Oval Dial Plate (CP)
Q	99103184	Rubber Seal
R	99103186	Max Temp. Stop Kit (5)
U	99103206	Packing Gland
W	99103189	Ring
X	99103190	Screw
Y	99066213	Bonnet
Z	NLA	Bonnet Gasket
AA	NLA	Adjustment Stem
AB	99046625	Wax Element
AE	NLA	Shut Off Disc
	99060188	Plug Button (Not Shown)
	99065575	Actuator Assembly*

*Includes Z & AB.

SHOWER SCHEMATICS



E420 Valve Model 1 Troubleshooting Guide

420 RETROFIT INSTRUCTIONS

The following instructions explain how to retrofit your existing 420 HydroGuard to the new, enhanced version which utilizes a wax element and cartridge type design. The combination of these design concepts results in a valve with enhanced performance. See the exploded view of this new assembly below:

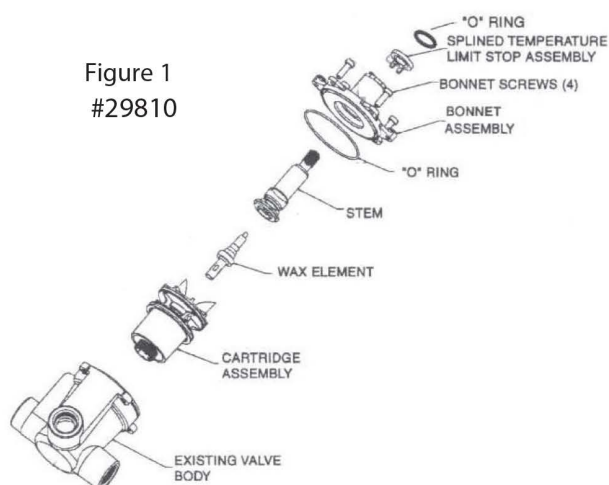


Figure 1
#29810

Before you begin your upgrade, take the time to ensure you have all the necessary pieces. Your retrofit kit, for each valve, consists of the following (refer to above diagram when taking inventory):

1. Cartridge Assembly (w/2 O-rings).
2. Wax Element.
3. Bonnet Assembly.
4. Spline Temperature Limit Stop (2 pieces).
5. Bonnet O-ring.
6. Lubricant.
7. Four Bonnet Screws.

After you verify that you have everything needed to complete the retrofit, proceed with the next section.

Retrofit

Follow the instructions below to perform your retrofit. Save all components until you have successfully completed your retrofit.

Disassembly:

1. Turn off hot & cold water supply-stops (required for this retrofit).
2. Remove the handle and trim plate.
3. Remove 4 bonnet screws and bonnet assembly.
4. Remove all internal components from valve body.
5. Remove hot water seat using 7/8" hex socket.
6. At this point you should have an empty valve body.

You are now ready to put the new components into your existing valve.

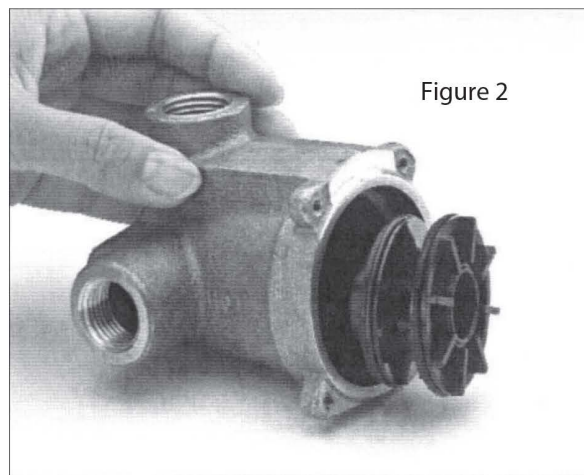


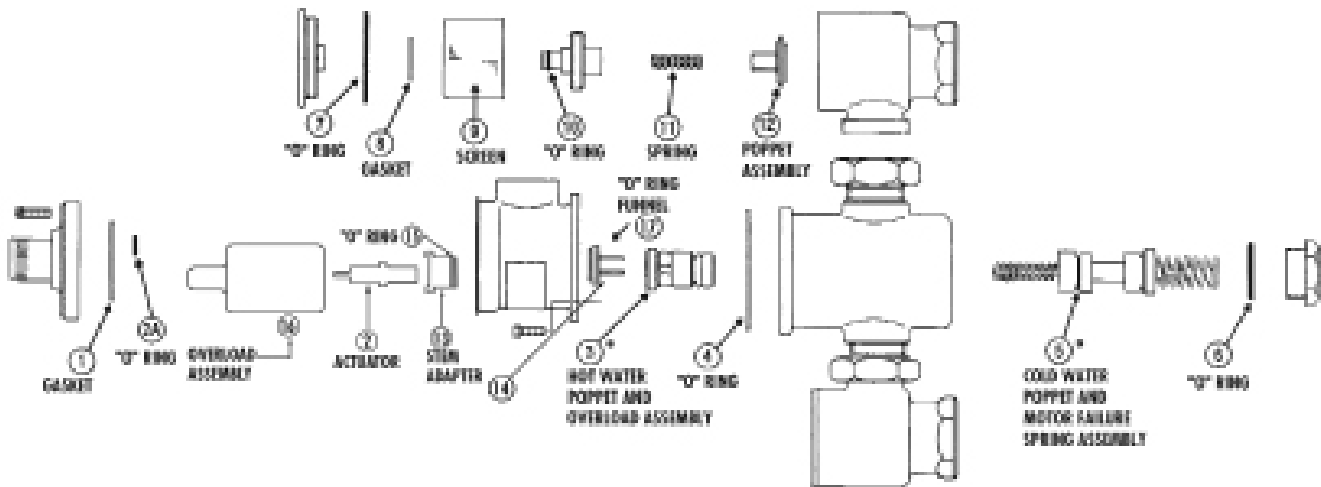
Figure 2

Reassembly:

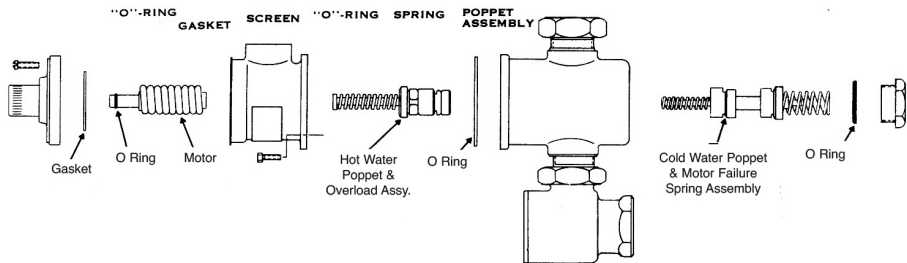
1. Ensure the inside of the valve body is free of deposits and debris. Clean as necessary.
2. Push the cartridge into the body without the O-rings installed. The cartridge should slide in easily, and bottom out with its large fins just inside the front surface of the casting. If the cartridge is difficult to install, or does not go in all the way, remove the cartridge and clean the bod or remove any obstructions. Repeat this step until the cartridge installs easily.
3. Remove the cartridge and install the 2 O-rings. Lubricate the O-rings with silicon lubricant.
4. Install the cartridge back into the body. The cartridge should go in until the large fins are just inside the front surface of the casting (same position as in step 2). If you cannot push it in all the way due to O-rings, use bonnet and two screws to force in. When using bonnet screws, be sure to use a diagonal direction to ensure cartridge seats in the body evenly.
5. Lubricate the bonnet O-ring and install onto new bonnet assembly.
6. Place the wax element into the stem assembly, small end first, and place this bonnet-stem-motor assembly into/onto the valve body. Rotate the bonnet assembly to line up the bonnet screw holes and reinstall and tighten the four bonnet screws.

Powers

Series 430



Prior to 1991



Valve Sizes	
430	3/4" x 1"
431	3/4" x 3/4"
432	3/4" x 1"
433	1-1/4" x 1-1/4"
434	1-1/4" x 1-1/2"

SHOWER SCHEMATICS

	Includes:	431:	432:	433:	434:
Actuator Replacement Kit	1, 2, 4, 13,15	99062838	99230072	99190250	99190251
Strainer Replacement Kit	7, 8, 9 & 10	80000	80000	99101358	99101358
Check Stop Replacement Kit	7, 8, 10, 11, & 12	30007	30007	99101363	99101363
Gasket & Washer Kit	1, 2A, 4, 6, 7, 8, 10, & 12	00250	99101364	99101365	99101366
Poppet Replacement	3, 4, 5, & 6	30004	99230073	99885527	99250013
Motor Upgrade Kit**	1, 2, 2A, 4, 13, 14, 15, 16, 17	29945	30005	99150124	99150125

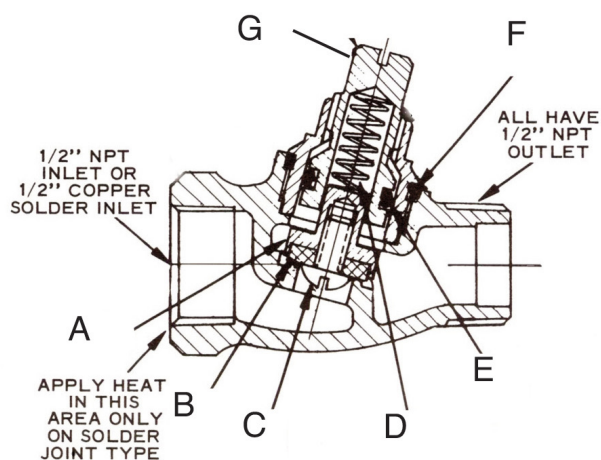
Note: Strainer and Checkstop repair kits contain parts for one pair.

**Upgrade Kits for valves prior to 01/01/2001

99101367 - 433 Mixing Valve Kit (prior to 1991)

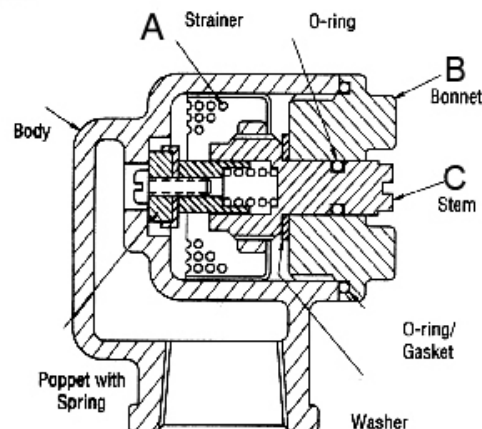
Powers / Crane

Hydroguard 1/2 Inch Check Stop Valve



- 25115 Check Stop Plunger Kit (Includes Items A,B,C,D,E and F)
- G 37563 Adj Stem Pw
- 99272382 1/2" IPS Str. Check Stops Pair

Powers 1/2" Combination Strainer Check stop

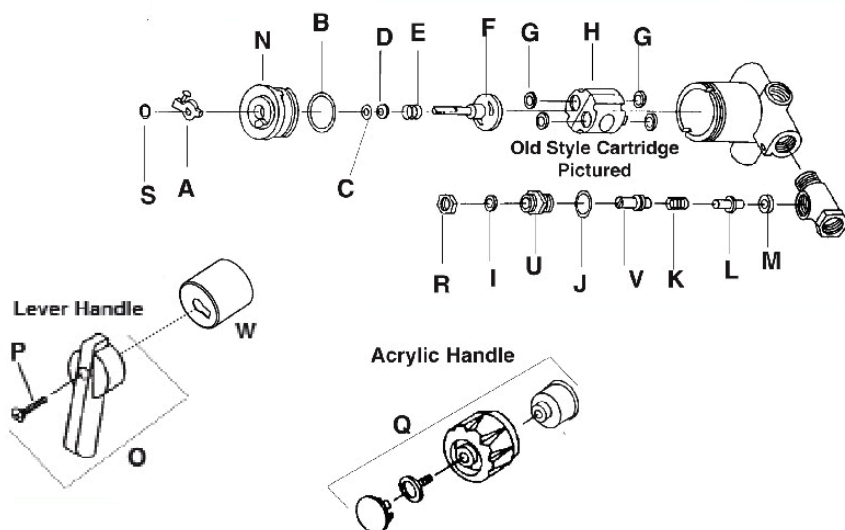


- A 99103577 Screen
- B 99103578 Bonnet
- C 99103579 Stem Rough Bronze
- 99170041 Checkstop Repair Kit *
- 30006 Check Valve Replacement 1/2 **

* Includes O-Ring, Bonnet, Bracket, & Washer

** Includes Strainer Screen, O-Ring, Washer, & Poppet Assembly.

Biltmore Series 800 Shower Valve



- A 99190185 Limit Stop
- B 43260 1-3/16" ID X 1-3/8" OD X 3/32" O-Ring
- C 00997 5/16" ID X 9/16" OD X 1/8" O-Ring
- D 99190186 Washer
- E * Spring
- F 99110818 Stem Assembly Throttling
- G 42740 Shut Off Disc
- H * Balancing Cartridge
- I * Check Stop Repair Kit
- J 00020 5/8" ID X 3/4" OD X 1/16" O-Ring
- K * Plunger Spring
- L 99190232 Plunger
- M 99190188 Plunger Disc
- N * Stem & Bonnet Replacement
- O 29932 Lever Handle & Screw
- P 02046 3/4" X 8-32 Oval HD Handle Screw
- Q 29933 Acrylic Handle
- R * Bonnet
- S 00207 3/8" X 1/2" X 1/16" O-Ring
- U * Bonnet
- V * Stem
- W 37594 Sleeve (CP)
- 37543 Stem & Balancing Cartridge Kit
- 37588 Check Stop Repair Kit
- NLA Washer & Gasket Kit
- 99101338 Stem & Bonnet Replacement

*See kits on left

Kits

#37543, Stem & Balancing Cartridge Kit Includes: B,C,D,E,F,G,H,S,A.

#37588, Check Stop Repair Kit Includes: R,I,U,V,K,L, & M.

#NLA, Washer & Gasket Kit Includes: B,L,G(4), I(2),J(2),M(2), & S.

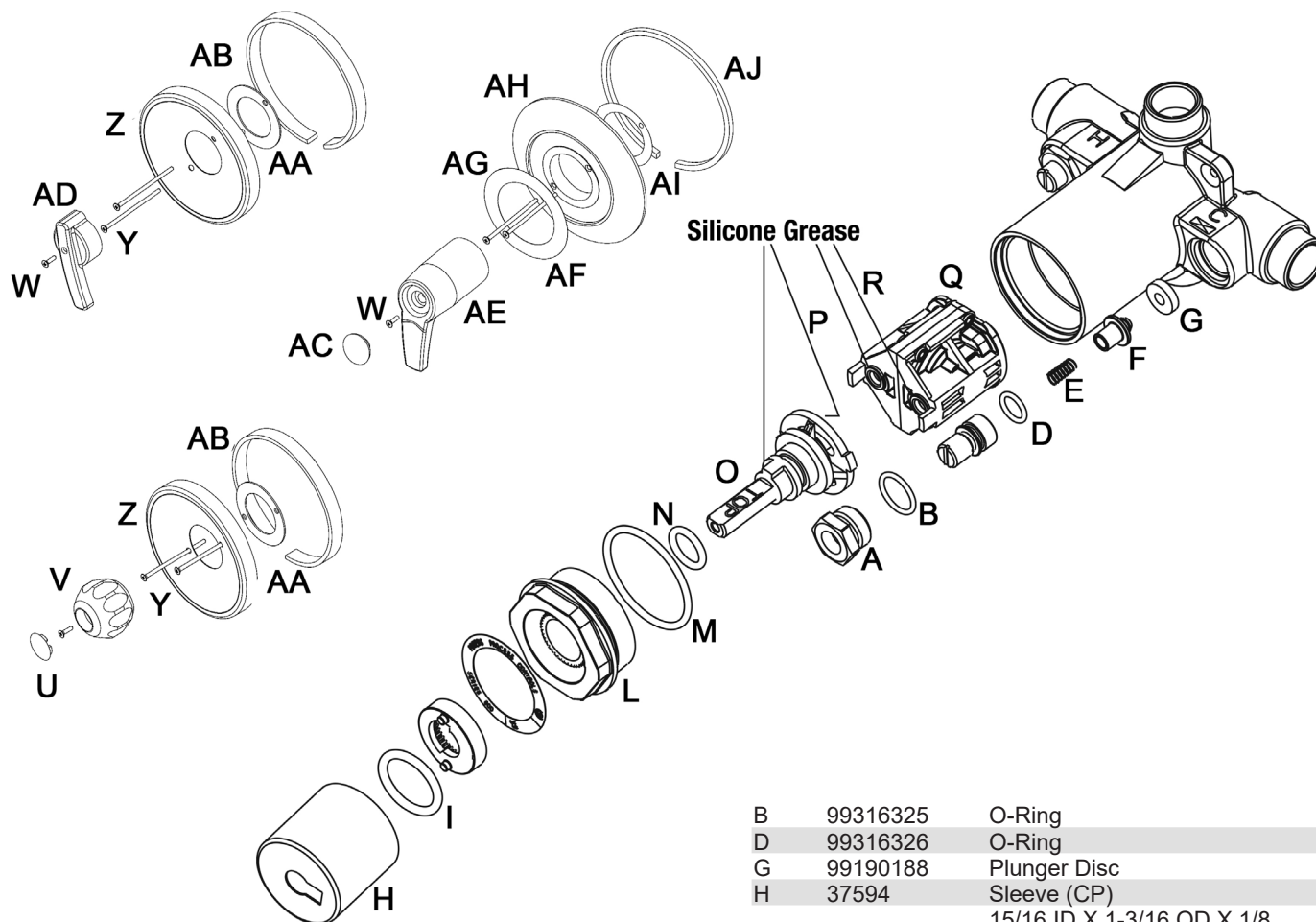
#99101338, Stem & Bonnet Replacement Kit Includes: N & B.

#37574 - Lever Handle & Cartridge upgrade kit

#99050509 - Acrylic Handle & Cartridge upgrade kit

Powers

Biltmore Series 900 Shower Valve



SHOWER SCHEMATICS

Kits

#99230583 Includes: A, B, C,D,E,F,G
 ##99230582 Includes: J, K, L, M, N, O, P, Q, R
 #99120211 Includes: B, G, I, M, N, P, Q
 #29989 Includes: U, V, W, X, AD

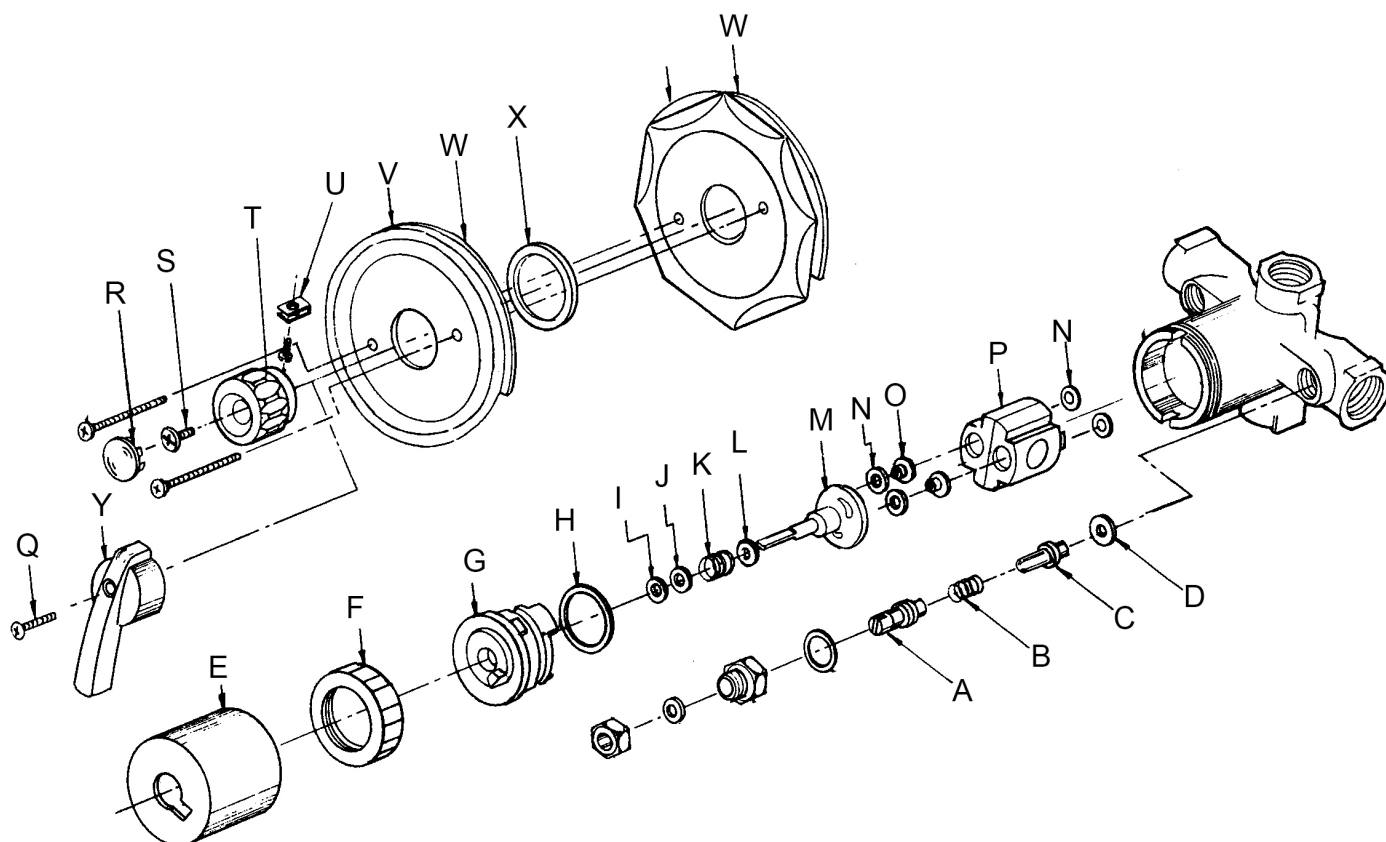
Faceplate Assembly, Round
 #99381161 Includes: Y, Z, AA, AB, AG

Faceplate Assembly (Model 905)
 #99010160 Includes: Y, AF, AG, AH, AI, AJ

ABS Lever Handle Kit (Model 905)
 #99230587 Includes: W, AC, AE

B	99316325	O-Ring
D	99316326	O-Ring
G	99190188	Plunger Disc
H	37594	Sleeve (CP)
I	00218	15/16 ID X 1-3/16 OD X 1/8 O-Ring
L	99092494	Bonnet
M	99092495	O-Ring
N	99092496	O-Ring
O	99230595	Stem Assembly
P	99230590	Outlet Seal
Q	99316327	O-Ring
R	99271252	Chamber Repair Kit
U	29990	Index Button
W	99230594	8-32 X 5/8 Lg Screw (Brass)
Y	99171561	8-32 X 3-1/2" Screw
Z	99230596	Dial Round w/Csa Logo
AA	99162590	Gasket
AB	99273637	Adhesive Gasket
AC	99430197	Plug Button
AD	99270314	Lever Handle W/O Screws
AE	99230588	Handle (Bright CP)
AF	99171562	Nameplate Trim
AG	99171561	8-32 X 3-1/2" Screw
AH	99171560	Trim Plate
AI	99343320	Gasket For Sleeve
AJ	99343321	Gasket, Trim Plate
	99230583	Checkstop Kit, 900 Model 3
	99230582	Internal Kit for 900-M3
	99120211	Gasket & Disc Kit
	29989	Acrylic Handle
	99381161	Round Faceplate Kit
	99010160	Faceplate Kit (CP)
	99230587	Handle Kit W/O Stop Plastic

Powers Biltmore 900 Series Model 1



KITS:

#37588 Includes 2 each of the following:

Bonnet Nut, Bonnet Seal, Checkstop Bonnet, Bonnet O-Ring, Stem, Plunger Spring, Plunger, & Plunger Disc. (**NOTE: Model 1 use white TFE Gasket. Model 2 use black Viton A O-Ring.**)

#29963 Includes:

Bonnet Seal (x2), Bonnet O-Ring (x2), Plunger Disc. (x2), O-Ring (1-1/4" x 1-7/16" x 3/32"), O-Ring (O-Ring 5/16" x 9/16" x 1/8"), Washer, Throttle Discs (x4).

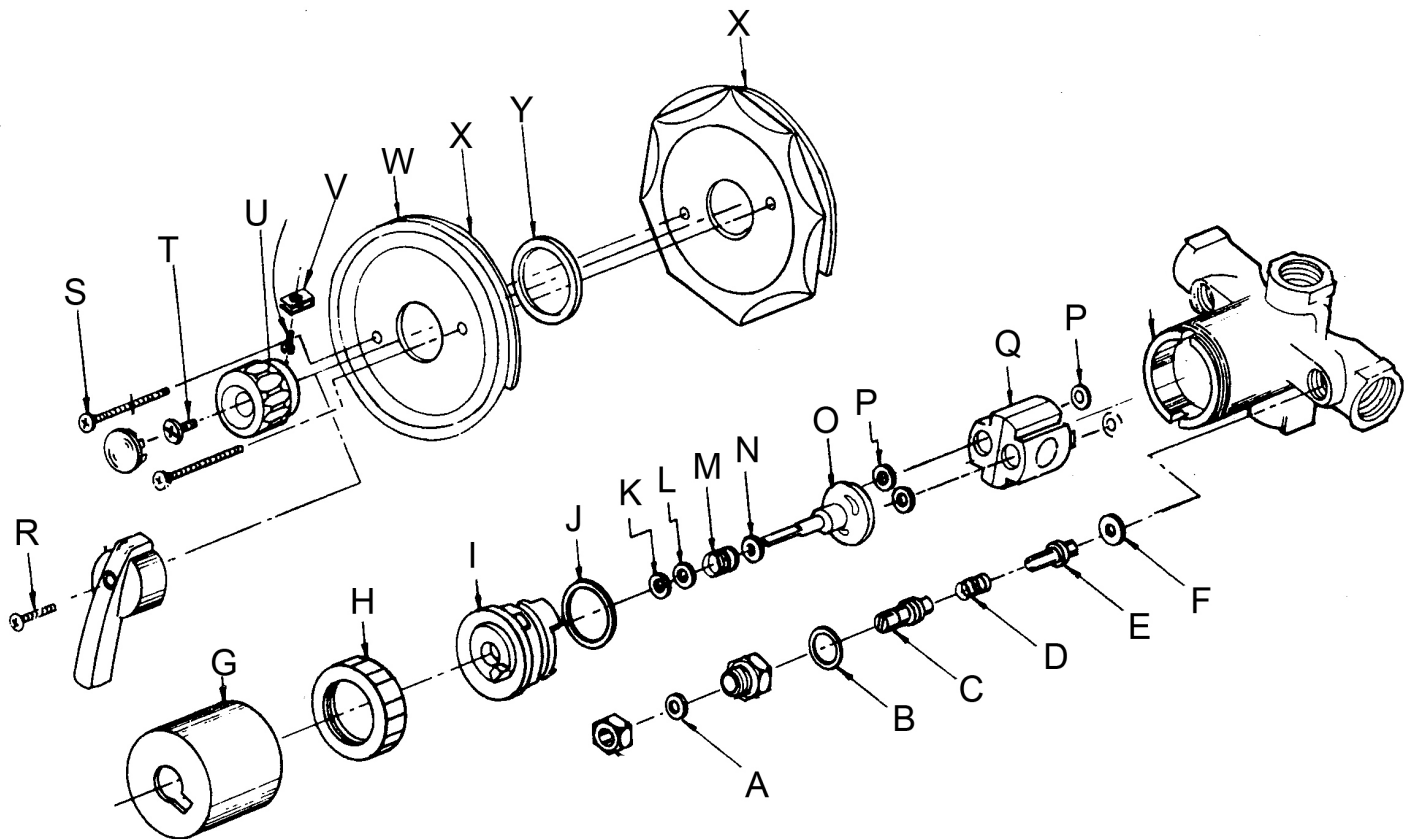
#99170438 Includes:

Mixer Bonnet, O-Ring (1-1/4" x 1-7/16" x 3/32"), O-Ring (O-Ring 5/16" x 9/16" x 1/8"), Washers, Spring, Throttling Stem, Throttle Discs (x4), Restrictor (x2), Balance Chamber.

A	99690022	Stem
B	99591539	Plunger Spring
C	99190232	Plunger
D	99190188	Plunger Disc
E	37594	Sleeve
F	99035481	Bonnet Retainer
G	99591540	Mixer Bonnet
H	99273874	O-Ring 1-1/4" x 1-7/16" x 3/32"
I	99273875	O-Ring 5/16" x 9/16" x 1/8"
J	99190186	Washer
K	99190246	Spring
L	99190239	Washer
M	29991	Throttling Stem
N	42740	Throttle Discs
O	99120211	Rubber Repair Kit
P	29992	Balance Chamber (White)
Q	99230594	Screw 8-32 x 5/8" (Brass)
R	29990	Plug Button
S	99591541	Screw 8-32 x 5/8" w/Patch
T	29989	Lucite Handle
U	99591542	U Type Nut
V	99230596	Round Dial Plate
W	99273637	Adhesive Gasket
X	99162590	Gasket
	29963	Gasket & Disc Replacement Kit
	37588	Checkstop Replacement Kit
Y	29988	Lever Handle Assembly Kit w/ Screw
	29989	Lucite Handle Assembly Kit
	99170438	Internals Replacement Kit
	99381161	Round Faceplate Assembly Kit

Powers

Powers Biltmore 900 Series Model 2



KITS:

#37588 Includes 2 each of the following:
Bonnet Nut, Bonnet Seal, Checkstop Bonnet, Bonnet O-Ring, Stem, Plunger Spring, Plunger, & Plunger Disc. (NOTE: Model 1 use white TFE Gasket. Model 2 use black Viton A O-Ring.)

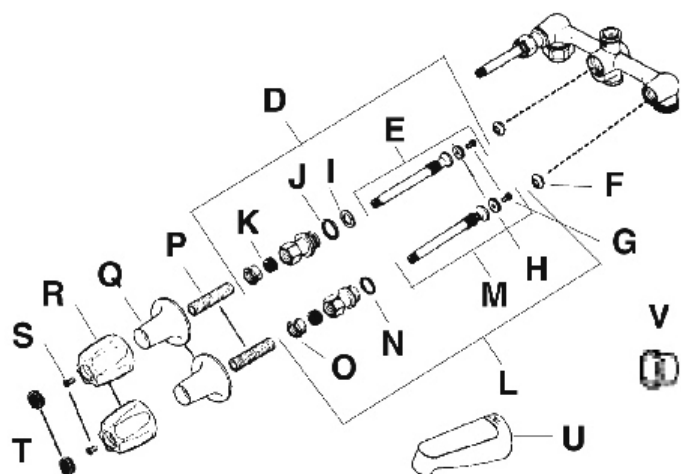
#29963 Includes:
Bonnet Seal (x2), Bonnet O-Ring (x2), Plunger Disc. (x2), O-Ring (1-1/4" x 1-7/16" x 3/32"), O-Ring (O-Ring 5/16" x 9/16" x 1/8"), Washer, Throttle Discs (x4).

#99170438 Includes:
Mixer Bonnet, O-Ring (1-1/4" x 1-7/16" x 3/32"), O-Ring (O-Ring 5/16" x 9/16" x 1/8"), Washers, Spring, Throttling Stem, Throttle Discs (x4), Balance Chamber.

A	99690027	Bonnet Seal
B	99161029	Bonnet O-Ring
C	99690022	Stem
D	99591539	Plunger Spring
E	99190232	Plunger
F	99190188	Plunger Disc
G	37594	Sleeve (CP)
H	99035481	Bonnet Retainer
I	99591540	Mixer Bonnet
J	99273874	O-Ring 1-1/4" x 1-7/16" x 3/32"
K	99273875	O-Ring 5/16" x 9/16" x 1/8"
L	99190186	Washer
M	99190246	Spring
N	99190239	Washer
O	29991	Throttling Stem
P	99591543	Throttle Discs
Q	29992	Balance Chamber (White)
R	99230594	Screw 8-32 x 5/8" (Brass)
S	99171561	Screw 8-32 x 3-1/2" (CP)
T	99591541	Screw 8-32 x 5/8" w/Patch
U	29989	Lucite Handle
V	99591542	U Type Nut
W	99230596	Round Dial Plate
X	99273637	Adhesive Gasket
Y	99162590	Gasket
	29963	Gasket & Disc Replacement Kit
Z	29988	Lever Handle Assembly Kit w/ Screw
	29989	Lucite Handle Assembly Kit
	37575	Internals Replacement Kit
	37588	Checkstop Replacement Kit
	99381161	Round Faceplate Assembly Kit

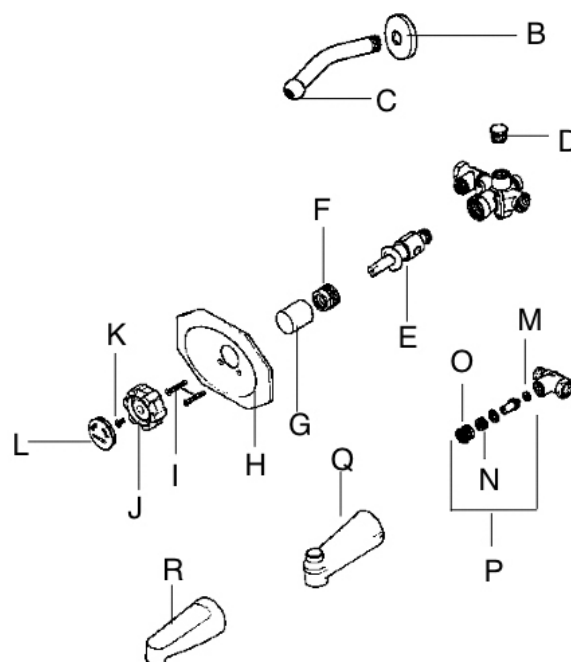
Price Pfister

Tub/Shower 3 Valve Diverter Unit



D	36173	Diverter Stem Unit
E	36673	P/P Stem Only Div.
F	15563	21/32 OD X 18Th Brass Seat
G	02016	3/8" X 10-24 Bronze Round HD Screw
H	01016	3/8L Flat Washer
I	99110275	Washer
J	08031	Poly Cap Thread Gasket
K	04068	Packing
L	36167	Hot/Cold Stem Unit
M	361673	Hot/Cold Stem Only
N	NLA	Fiber Cap Thread Gasket
O	29797	Packing Nut
P	29804	Plastic Escutcheon Nipple
Q	79575	Flange
R	29657	Large Cold Handle
	29656	Large Hot Handle
	29658	Large Div. Handle Complete (CP)
S	02108	1/2 X 10-24 S/S Oval Head Handle Screw
T	26177	Cold Acrylic Index Button
	26178	Hot Acrylic Index Button
	26179	Diverter Acrylic Index Button
U	24657	Tub Spout
V	29807	Flange Adapter

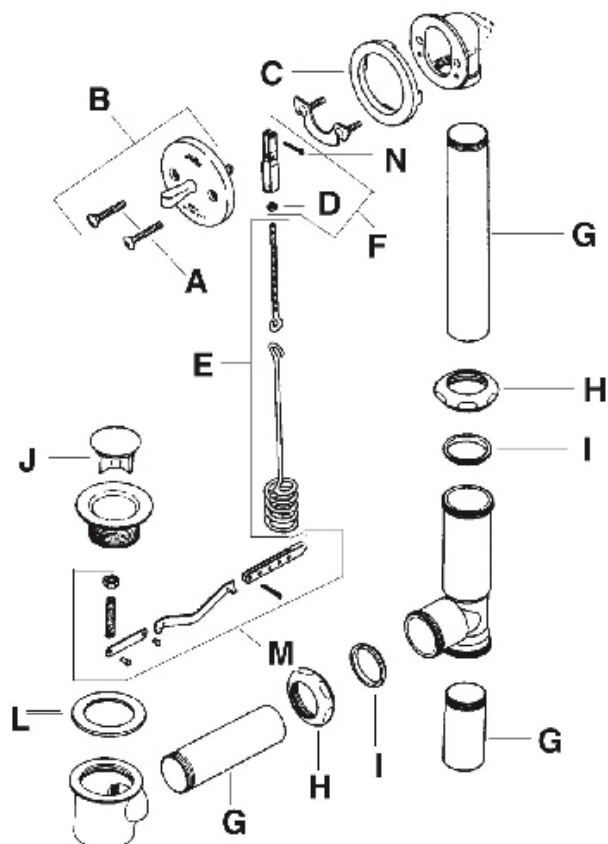
Avante Single Handle Tub / Shower Valve Avante 09 Series



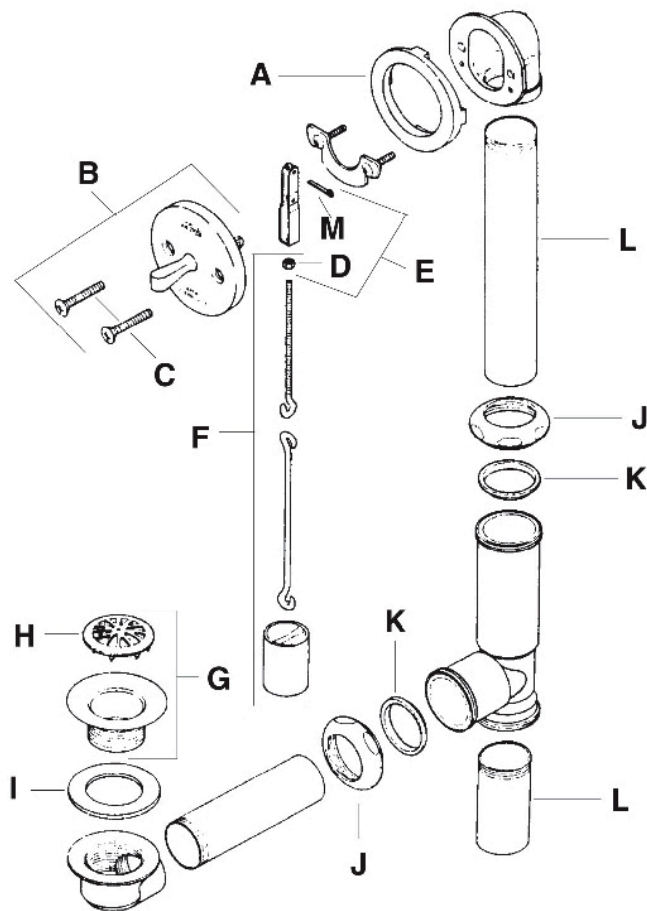
B	75308	Shower Arm Flange w/Set Screw (CP)
C	74535	Ball Shower Arm
D	NLA	1/2" Hollow Pipe Plug
E	99080510	Avante Cartridge Assembly
F	99101371	Collar (CP)
G	99160594	Sleeve (CP)
H	NLA	Escutcheon (CP)
I	99160592	1-1/2" Oval Head Screw (CP)
J	99101375	Acrylic Handle
K	99102648	Screw (CP)
L	26195	S/L Lav Index Button
M	99101377	Seat Washer
N	04068	Packing
O	29797	Packing Nut
P	99101378	Stem Assembly
Q	79054	1/2" IPS CP Brass Spout w/Threads In Nose
R	24657	Tub Spout

Price Pfister

Pop Up Waste & Overflow



Trip Lever Waste & Overflow 19 Series



SHOWER SCHEMATICS

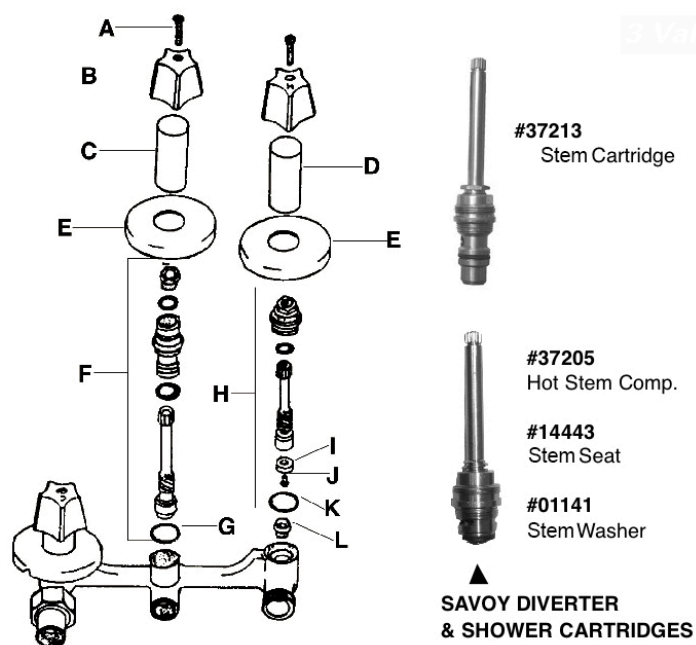
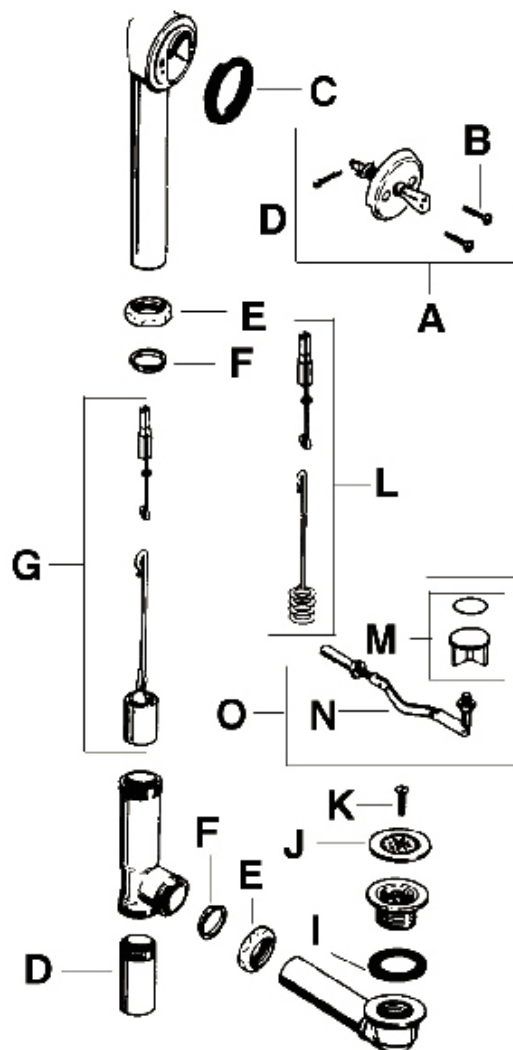
A	79523	Face Plate Screw
B	79574	Overflow Plate Assembly
C	59181	Waste & Overflow Washer
D	79517	Locknut
E	NLA	Spring for W & O
F	29803	Clevis Assembly w/Nut
G	82202	1-1/2" X 12" 20 GA T.B.E. Tube (RB)
H	87468	1-1/2" X 1-1/2" Brass S/J Nut (RB)
I	87501	1-1/2" Poly S/J Washer
J	24979	Stopper (CP)
L	79511	Waste Washer
M	24318	Rocker Arm
N	29752	Cotter Pin

A	59181	Waste & Overflow Washer
B	79574	Overflow Plate Assembly
C	79523	Face Plate Screw
D	79517	Locknut
E	29803	Clevis Assembly w/Nut
F	79580	W & O Linkage Assembly
G	79581	Tub Drain Plug w/Strainer (CP)
H	89203	2" 4 Prong Strainer
I	51050	2-3/4" Flat W&O Washer
J	87468	1-1/2" X 1-1/2" Brass S/J Nut (RB)
K	87501	1-1/2" Poly S/J Washer
L	82202	1-1/2" X 12" 20 GA T.B.E. Tube (RB)
M	29752	Cotter Pin

Savoy

3 Valve New Style (Post 1969)

Tub & Shower Fixture



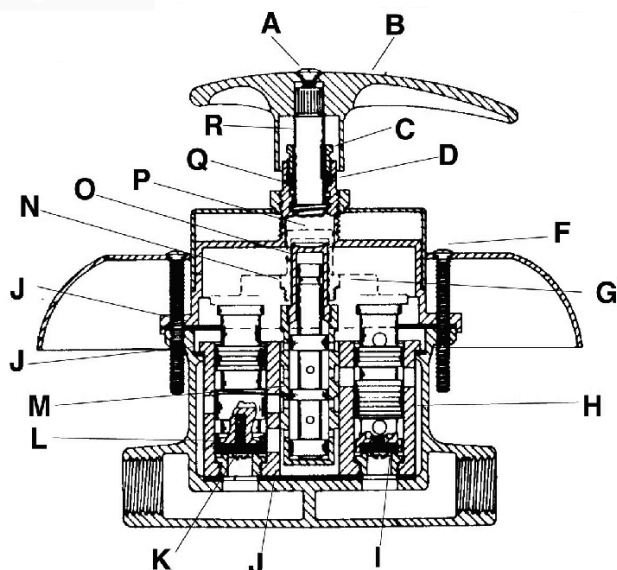
A	02131	10-24" X 3/4" Oval HD Brass Handle Screw
B	29671	Cold Handle
	29670	Hot Handle
	29060	Diverter Handle
C	28213	3-1/4" Escutcheon Tube (CP)
D	28212	2-3/4" Escutcheon Tube
E	74536	Shower Escutcheon
F	36171	Diverter Stem Unit
G	08024	Cap Gasket
H	34117	Hot/Cold Stem Unit
I	02014	3/8" X 8-32" Bronze Round HD Screw
J	01012	3/8" Flat Washer
K	08001	Fiber Cap Thread Gasket
L	16671	9/16" OD X 20Th Brass Seat
	37205	Stem Assembly
	14443	Stem Seat
	01141	Seat Washer

A	79593	Face Plate Only
B	02136	Face Plate Screw
C	99190286	Face Plate Gasket
D	82202	1-1/2" X 12" 20 GA T.B.E. Tube (RB)
E	87468	1-1/2" X 1-1/2" Brass S/J Nut (RB)
F	87501	1-1/2" Poly S/J Washer
G	NLA	Barrel Linkage
I	79511	Waste Washer
J	79509	Tub Strainer
K	99153721	10-24" X 1-1/2" Oval HD Brass Handle Screw (CP) (BX/10)
L	79591	Spring Linkage
M	79598	Stopper
N	79599	Linkage
O	24335	Stopper Assembly Complete
	NLA	Face Plate & Linkage

SHOWER SCHEMATICS

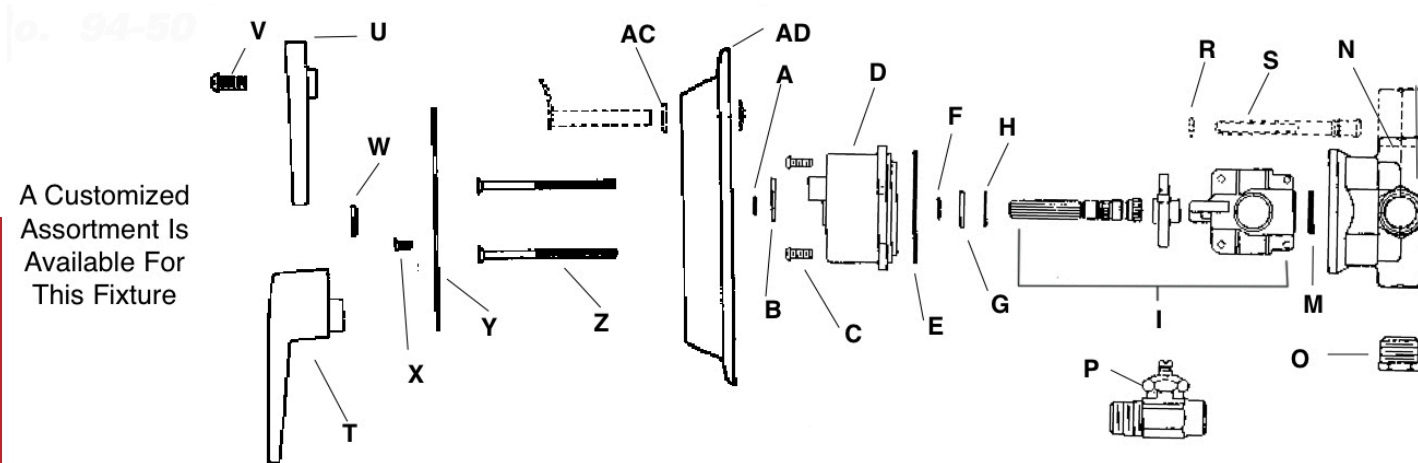
Speakman

Concealed Sentinel Shower Mixing Valve



A	02108	1/2" X 10-24 S/S Oval Head Handle Screw (S/S)
B	29702	Handle (Old Style)
C	99100520	Packing Nut
D	04072	Packing
F	99153709	1/4-20 X 1-1/2" Oval HD Brass Handle Screw (BX/10)
G	NLA	Yoke & Plunger Assembly
H	29825	Block Assembly
I	14441	S/S Speakman Seat
J	01136	Hub Washer
K	02030	3/8" X 10-24 Monel Screw
L	01008	1/4" Flat Washer
M	30327	Float Piston and Cap Repair
N	09014	Fiber Cap Thread Gasket
O	29826	Mixing Valve Stem Only
P	24987	Piston Stem Cap Cover
Q	NLA	Friction Ring 39/64" X 7/16" X 1/16"
R	30326	Spindle 2-15/16"
	02125	Machine Screw (Not Shown)
	02126	Phillips Head Screw (Not Shown)

Sentinel Mark II Shower Mixing Valve



A Customized Assortment Is Available For This Fixture

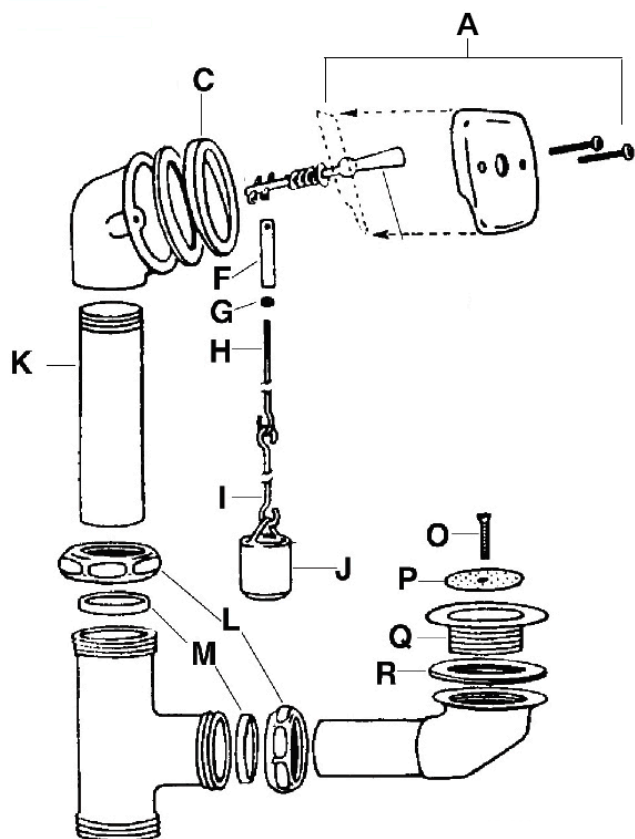
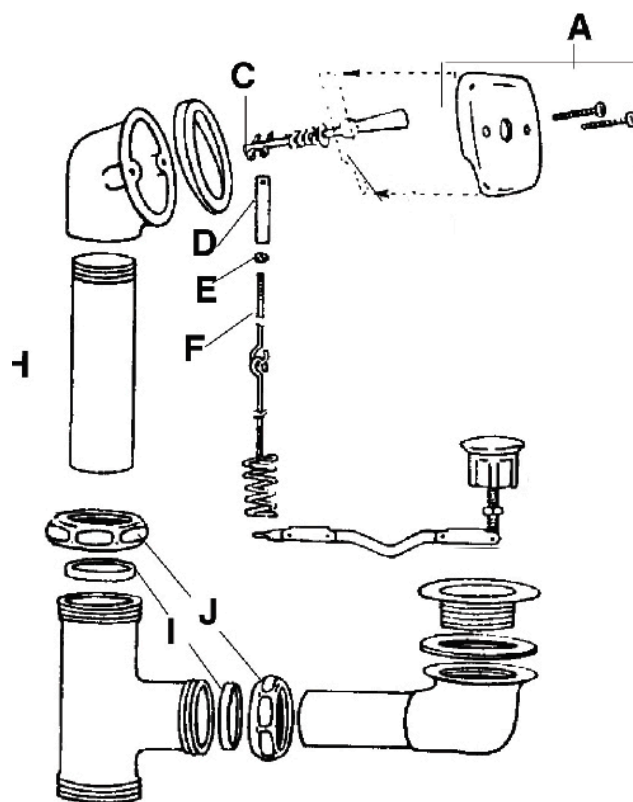
SHOWER SCHEMATICS

A	00207	3/8" X 1/2" X 1/16" O-Ring	R	00205	3/8" OD X 1/4" ID X 1/16" O-Ring
B	99101395	Limit Stop Plate	T	29687	Adjustable OEM Handle
C	02126	Phillips Head Screw	U	24961	Brass Handle (CP)
D	24973	Bonnet	V	04161	Handle Screw
E	00001	O-Ring	W	37584	Spindle Bushing (4/Pack)
F	00030	5/16" ID X 7/16" OD X 1/16" O-Ring	X	99101402	Pan Head Screw
G	04175	Friction Washer	Y	NLA	Index Plate L/Volume Control
H	13051	Brass Washer	Z	04156	Esch Screw CP
I	99491572	Cartridge	AC	99101406	Friction Washer
M	29959	Quad Ring	AD	99101407	Retaining Washer
N	99101397	Mark II Valve Body			
O	99101398	Plug			
P	99101399	Spring Check Stop			

Sterling

Trip Lever Bath Drain

Pop Up Bath Drain

#79585
One Piece Tip - Toe Drain#79587
Tip Toe Gasket

A	75309	Face Plate w/Trip Lever & Screws
C	51052	2-1/4" x 3-1/4" Beveled Sponge W&O Washer
F	79516	Yoke
G	79517	Locknut
H	79518	Upper Wire
I	79519	Lower Wire 5-1/8"
J	99101409	Drop Bucket
K	82201	1-1/2" X 12" 20 GA T.B.E. Tube (Polished Chrome)
L	87468	1-1/2" X 1-1/2" Brass S/J Nut (RB)
M	87507	2" Square Cut Washer
O	99101690	Strainer Plate Screw (PK/10)
P	89022	1-5/8" Flat Strainer
Q	99101411	Strainer Plug for Bath Drain
R	99101412	Washer

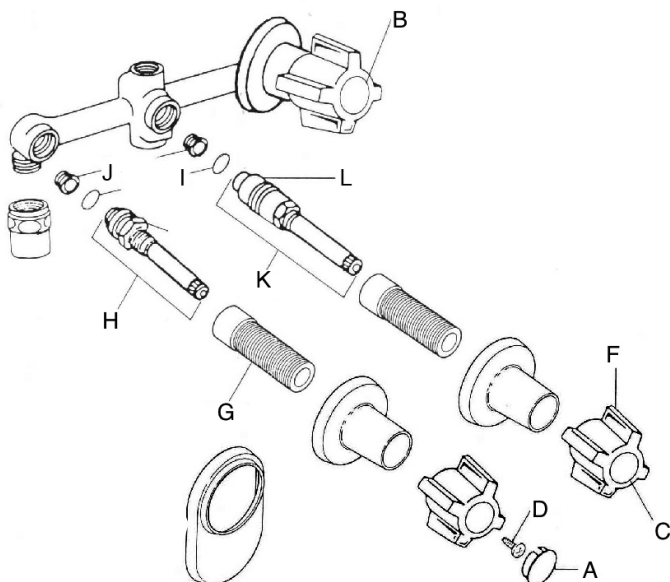
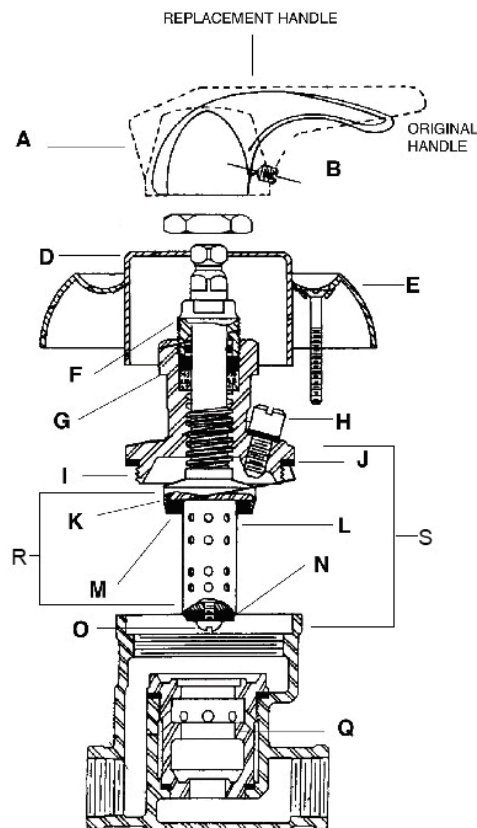
A	75309	Face Plate w/Trip Lever & Screws
C	51052	2-1/4" x 3-1/4" Beveled Sponge W&O Washer
D	79516	Yoke
E	79517	Locknut
F	79518	Upper Wire
H	82201	1-1/2" X 12" 20 GA T.B.E. Tube (Polished Chrome)
I	87501	1-1/2" Poly S/J Washer
J	87468	1-1/2" X 1-1/2" Brass S/J Nut (RB)
	79585	Tip-Toe Assembly 5/16"
	79587	Gasket for Tip-Toe Assembly

SHOWER SCHEMATICS

Sterling / Symmons

**Sterling Tub/Shower 3 Valve Compression 102,109
Starflo Series**

**Symmons Pressure Balancing Safetymix (Prior to
1960)**



SHOWER SCHEMATICS

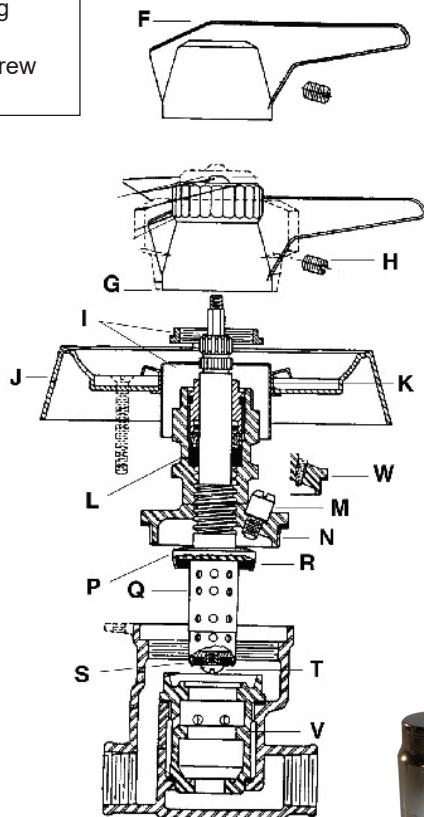
A	99101000	Hot Index Button
B	NLA	Cold Index Button
C	99316329	Arrow Button
D	99102573	Handle Screw
F	99440319	New Style Starflo 4-Arm Handle Kit (CP)
	99060344	Clear Handle Assembly W/(3) Buttons
G	99046719	Escutcheon Sleeve
H	99102576	Corner Stem Assembly (Hot or Cold)
I	00035	11/16" ID X 13/16" OD X 1/16" O-Ring
J	16682	1/2 OD X 24Th Brass Seat
K	99102578	Diverter Stem Assembly
L	NLA	Diverter Bushing
	99031865	Corner Stem O-Ring (Not Shown)
	99100600	Seat Washer (Not Shown)
	00030	5/16" ID X 7/16" OD X 1/16" O-Ring (Not Shown)

A	29730	Solid Lever Handle (CP)
B	99070002	Handle Set Screw
D	99180032	Dome Cover & Dial
E	99180029	Escutcheon & Screw
F	99180041	Packing Nut
G	99080365	Packing
H	36195	Limit Stop Assembly
I	28116	Safetymix Cap
J	29837	Renew Kit
K	29837	Renew Kit
L	36194	Flow Control Spindle
M	01144	Safetymix Cold Seat Washer
N	29837	Renew Kit
O	29837	Renew Kit
Q	29844	Renewable Seat w/Gaskets
R	27795	H/C Washer & Retainer Kit (Includes K, M, & N)
S	29837	Renew Kit (Includes O, B, J, K, M, N)
	10322	2-Piece Renewable Seat Socket Wrench (Not Shown)

Symmons

**Pressure Balancing Safetymix
(1960 to Date 105-42)**
29837 Renewal Kit

- Cold Washer Retainer
- Hot & Cold Washers
- Spindle Packing
- Cap Gasket
- Hot Washer Screw
- Handle Screw



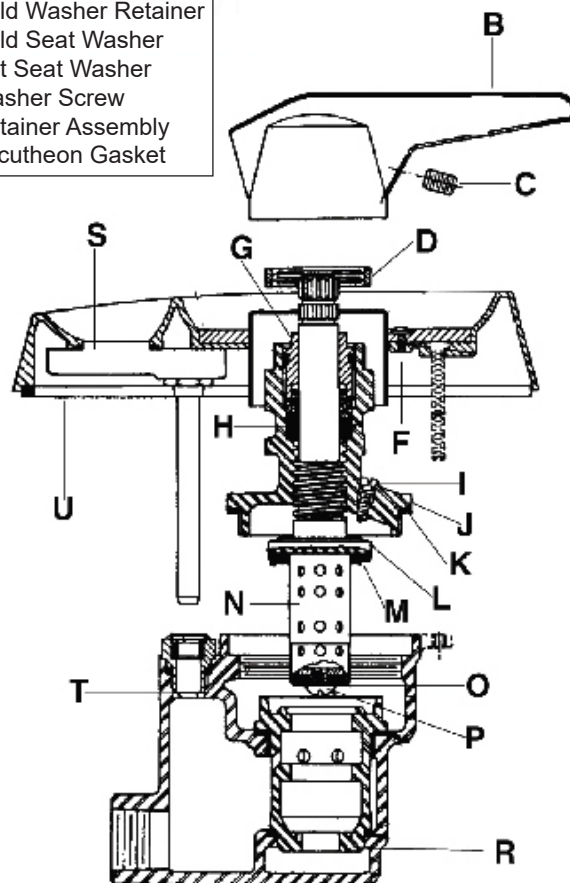
#10322

2-Piece Renewable
Seat Socket Wrench

F	29730	Solid Lever Handle (CP)
G	29729	Lucite Handle
H	99070002	Handle Set Screw
I	29841	Dome Cover & Lock Nut
J	28216	Escutcheon & Screw
K	29842	Packing Nut
L	99080365	Packing
M	36195	Limit Stop Assembly
N	29843	Cap
P	29837	Renew Kit
Q	36194	Flow Control Spindle
R	01144	Safetymix Cold Seat Washer
S	29837	Renew Kit
T	29837	Renew Kit
V	29844	Renewable Seat W/Gaskets
W	99070007	Limit Stop w/O-Ring
X	99070002	Handle Set Screw
	29837	Renew Kit (Includes O,P,R,S,T,H,L)
	99070007	Limit Stop w/O-Ring Models From 1975 to Date
	27795	Repair Kit Includes P,R, & S
	10322	2-Piece Renewable Seat Socket Wrench

Safetymix Pressure Balance with Thermometer
29845 Renew Kit

- Handle Screw
- Cap Gasket
- Cold Washer Retainer
- Cold Seat Washer
- Hot Seat Washer
- Washer Screw
- Retainer Assembly
- Escutcheon Gasket

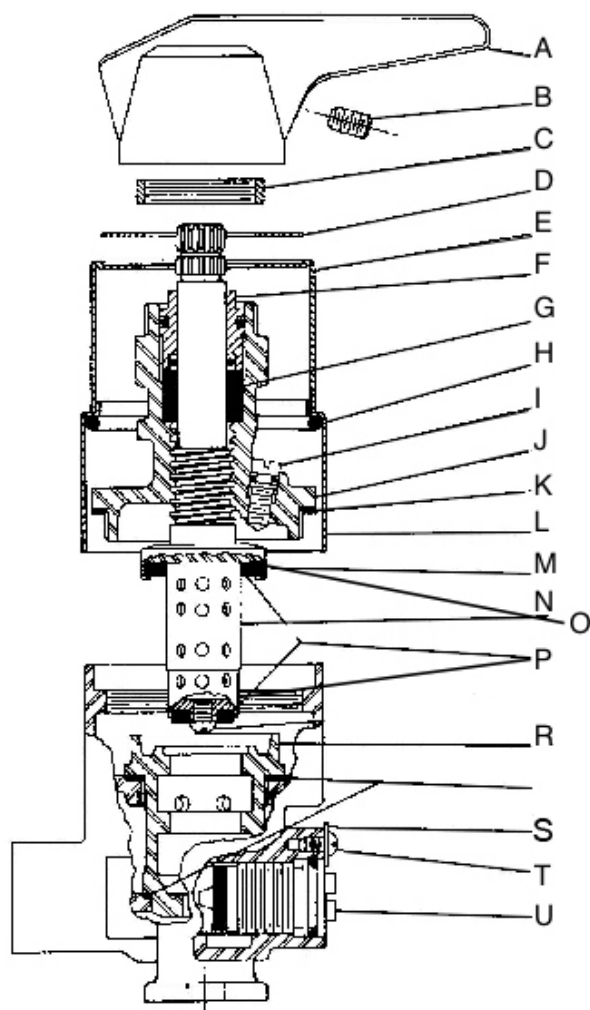
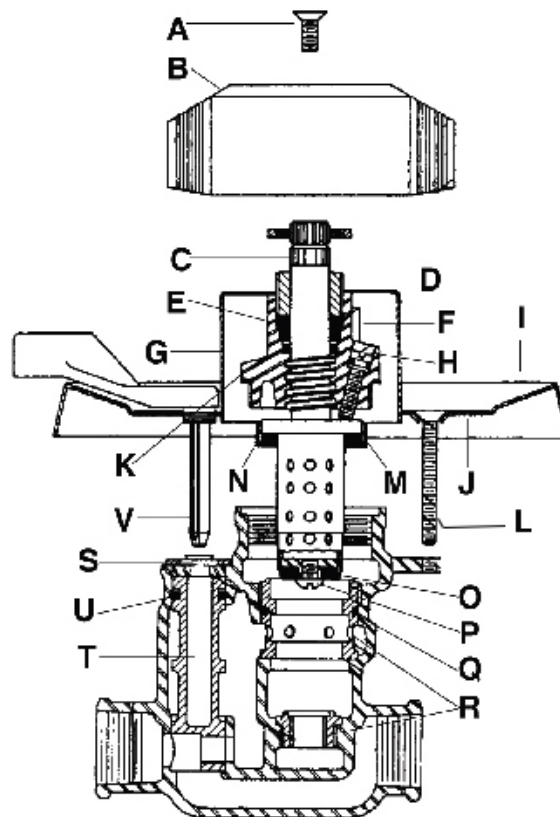


B	29730	Solid Lever Handle (CP)
C	99070002	Handle Set Screw
D	29841	Dome Cover & Lock Nut
F	99611720	Thermometer Assembly
G	29842	Packing Nut
H	99080365	Packing
I	99070007	Limit Stop w/O-Ring
J	29843	Cap
K	29845	Renew Kit
L	29845	Renew Kit
M	01144	Safetymix Cold Seat Washer
N	36194	Flow Control Spindle
O	29845	Renew Kit
P	29845	Renew Kit
R	29844	Renewable Seat w/Gaskets
S	99611720	Thermometer Assembly
T	99190084	Retainer Assembly
V	10322	2-Piece Renewable Seat Socket Wrench
	29845	Renew Kit (Includes T,U,L,M,O,H,K,C & P)
	27795	Repair Kit (Includes L,M, & O)

Symmons

Pressure Balancing Safetymix Hydapipe (Mixing Valve from 1964 to Date) Model 2A

Pressure Balancing Safetymix Hydapipe (Mixing Valve from 1964 to Date) Model 2A



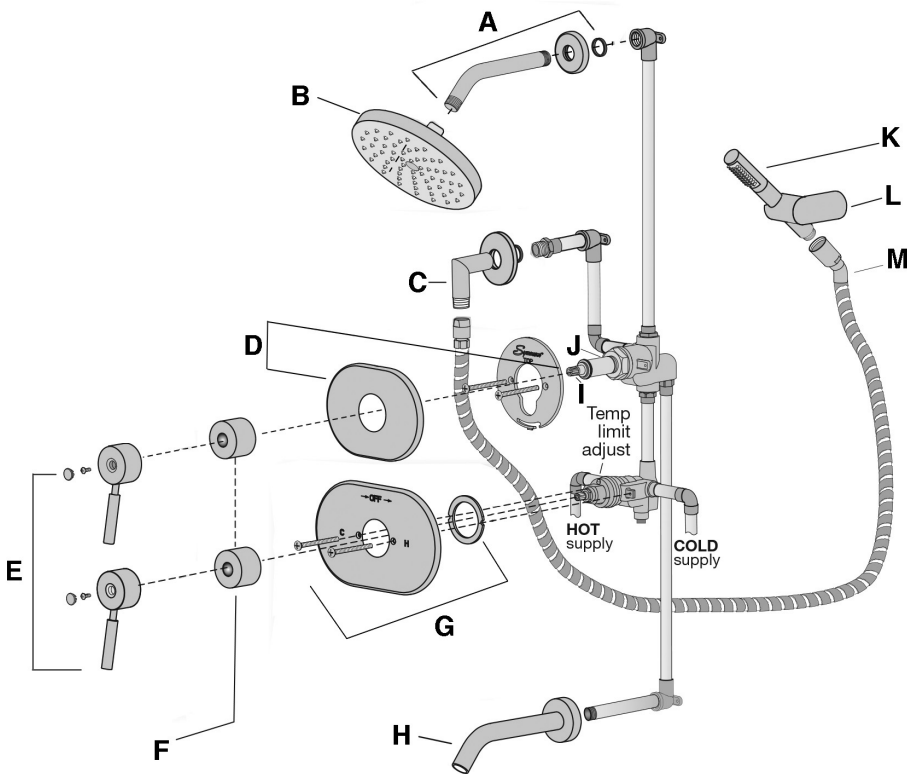
SHOWER SCHEMATICS

A	29730	Solid Lever Handle (CP)
B	99070002	Handle Set Screw
C	99725989	Dome Lock Nut
D	99180032	Dial & Dome Cover
E	99180032	Dome Cover & Dial
F	29842	Packing Nut
G	99080365	Packing
H	99070006	O-Ring
I	99070007	Limit Stop W/O-Ring
J	29843	Cap
K	29837	Renew Kit
L	99110958	Body Cover
M	29837	Renew Kit
N	36194	Flow Control Spindle
O	01144	Safetymix Cold Seat Washer
P	29837	Renew Kit
R	29844	Renewable Seat W/Gaskets
S	99070015	Stop Retainer Washer
T	99070016	Stop Retainer Screw
U	99070017	Stop Spindle (Pair)
	10322	2-Piece Renewable Seat Socket Wrench (Not Pictured)
	99070001	Hydapipe Repair Assembly-Mod (Includes J,N, & R)
	27795	H/C Washer & Retainer Kit

A	99190090	Handle Screw
B	29943	Temptrol II Temperature Control
C	36199	Flow Control Spindle
D	29852	Packing Nut
E	00249	Packing O-Ring & Washer
F	29853	Cap Assembly
G	29854	Dome Cover & Locknut
H	36200	Limit Stop w/O-Ring
I	28219	Escutcheon
J	99180024	Dial (Model 4)
	NLA	Dial (Model 5)
	NLA	Dial (Model 6)
K	37576	Washer & Gasket Kit
L	02134	Escutcheon Screws (2 Req.) (Pair)
M	37576	Washer & Gasket Kit
N	37576	Washer & Gasket Kit
O	37576	Washer & Gasket Kit
P	37576	Washer & Gasket Kit
Q	00214	3/4" ID X 15/16" OD X 3/32" O-Ring
R	29856	Seat Repair Kit
S	02135	Hold Down Washer w/Screw
T	36202	Volume Diverter Spindle (Black)
	36201	Volume Diverter Spindle
U	00209	7/16" X 5/8" X 3/32" O-Ring
V	29727	Diverter/Volume Handle - Plastic
	11259	Hot Seat Removal Tool
	NLA	Cold Seat Removal Tool
	27795	H/C Washer & Retainer Kit (Includes M,N, & O)

Symmons

Sereno Tub- Shower Hand Shower System 4306



#99713227- Tub-Shower & Hand Shower

#99713228 - Tub-Shower & Hand Shower W/Integral Service Stops

#99713229 - Tub & Shower Trim Only

A	99713214	Arm & Flange
B	99713215	Showerhead
C	99713216	Coupling & Flange
D	99713217	Diverter Escutcheon and Mounting Plate
E	99456057	Sereno Tub/Shower Handle Kit (CP)
F	29854	Dome Cover & Lock Nut
G	99473900	Escutcheon Assembly Kit (CP)
H	99713219	Tub Spout Assembly
I	99711375	Diverter Cartridge w/Threaded Chrome End Sleeve
J	99090317	Replacement Unit & Escutcheon
K	99473899	Handshower Wand
L	99713218	Swivel Wall Bracket
M	99650093	Handshower Hose & Vacuum Breaker

SHOWER SCHEMATICS

Uses -



#99774304 - Diverter



#99532124 - Temptrol Shower Valve



#99163852 - Temptrol Pressure Balancing Shower Valve Body w/ Adjustable Stop Screw



#99090317 - Replacement Unit w/ Escutcheon
#99180083 Escutcheon Only



#99711375 - Diverter Cartridge Assembly for 2-Way Valve

Symmons

Pressure Balancing (Mixing Valve from 1964 to 1969)



Safetymix'ette'
Escutcheon Marking
& Single Screw
Mounting

99090817-Screw



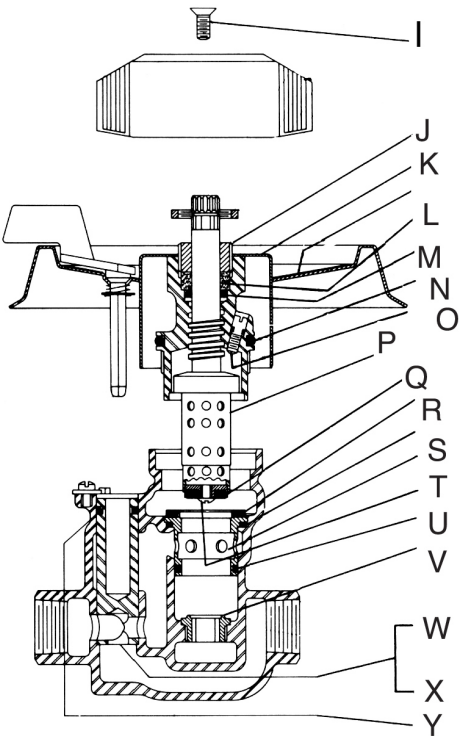
Safetymix'ette'-
Model 2

99180012- Dial Model 2
NLA - Escutcheon
02134- Screws (2)



Safetymix'ette'-
Model 3

99180014 Dial Model 3
NLA - Escutcheon
02134- Screws (2)

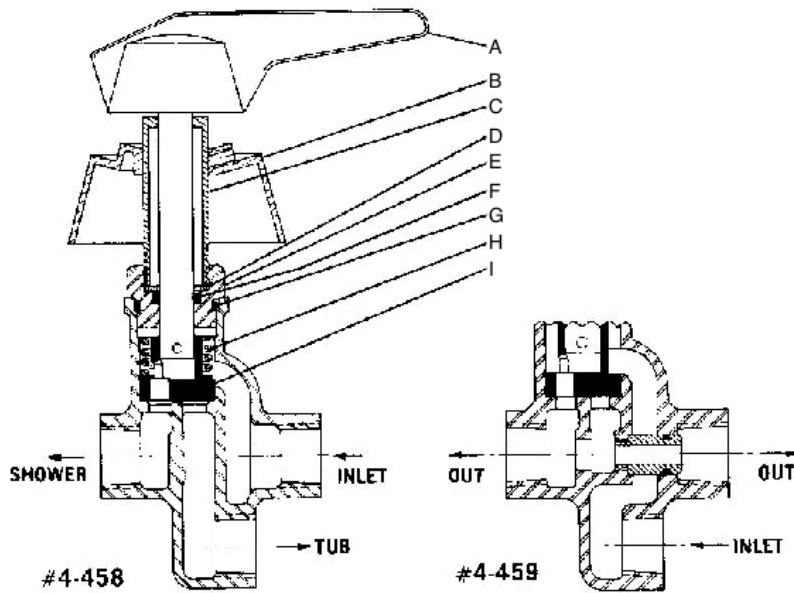


I	02039	3/8" X 10-28 Oval HD Handle Screw
J	99180010	Packing Nut
K	29854	Dome Cover & Locknut
L	99190070	Washer & Gasket Kit-T
M	NLA	Cap Assembly
N	00209	7/16" X 5/8" X 3/32" O-Ring
O	36200	Limit Stop w/O-Ring
P	36196	Flow Control Spindle
Q	99190070	Washer & Gasket Kit-T
R	01144	Safetymix Cold Seat Washer
S	00037	1" ID X 1-1/8" X 1/16" O-Ring
T	99180006	Top Renew Seat & Hot Renew
U	99190070	Washer & Gasket Kit-I,J,D,F,M,A
V	00995	3/4" ID X 7/8" OD X 1/16" O-Ring
W	99180006	Top Renew Seat & Hot Renew Contains L,O
X	NLA	Hot Seat Removal Tool
Y	NLA	Handle & Diverter Kit #2 - Black (Handle, Spindle, and Safetymix'ette')

SHOWER SCHEMATICS

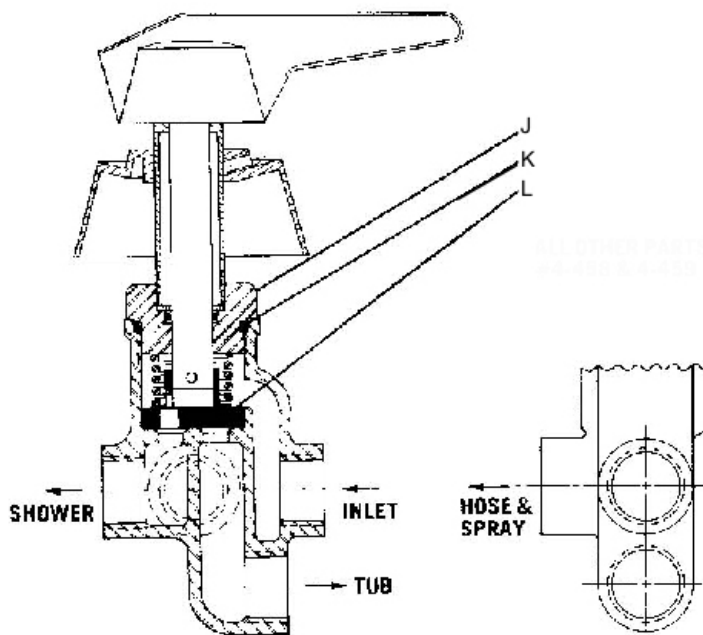
Symmons

Levertol 4-458 & 4-459 Double Outlet Diverters (1976- Sept 1990)



A	28114	Diverter Handle w/Set Screw
B	99180083	Escutcheon w/Set Screw
C	99180084	Escutcheon Nipple
D	99180085	Bonnet Washer
E	99180086	Bonnet
F	NLA	Spindle O-Ring
G	99180021	Bonnet O-Ring
H	99180028	Spring & Washer
I	28115	Spindle Assembly (Diverter)

Levertol 4-460 Triple Outlet Diverter (1976 to Date)



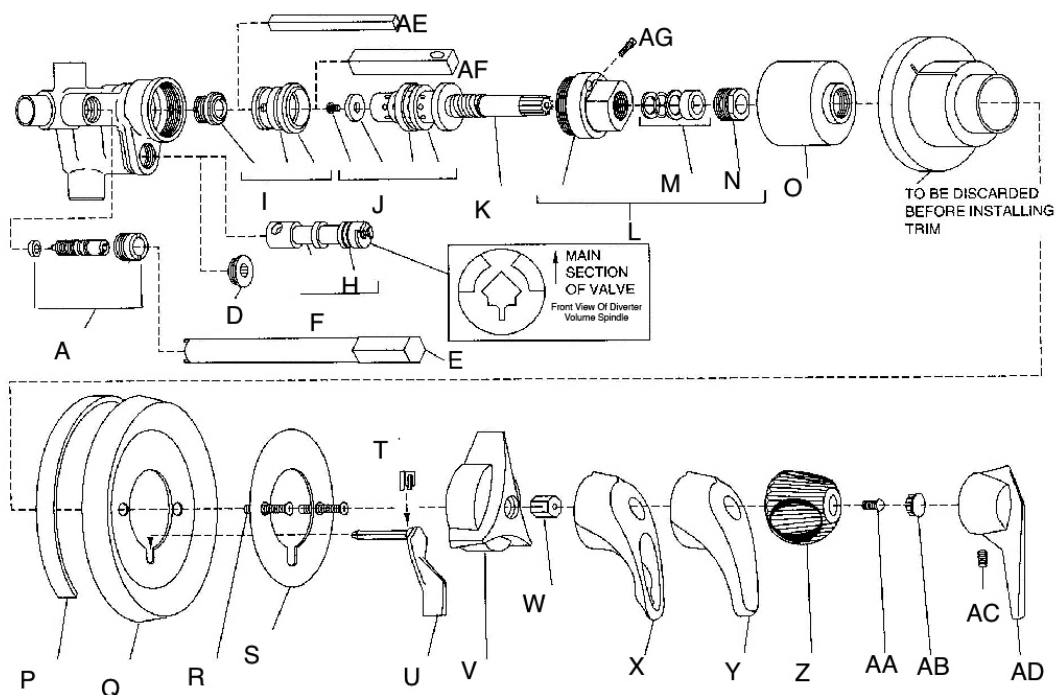
J	99180031	Bonnet
K	99180039	Cap Large O-Ring
L	99180087	Spindle Assembly

Symmons

Temptrol® (1968 to Date)



#77861
Pressure-Balancing
Valve w/Turn limit



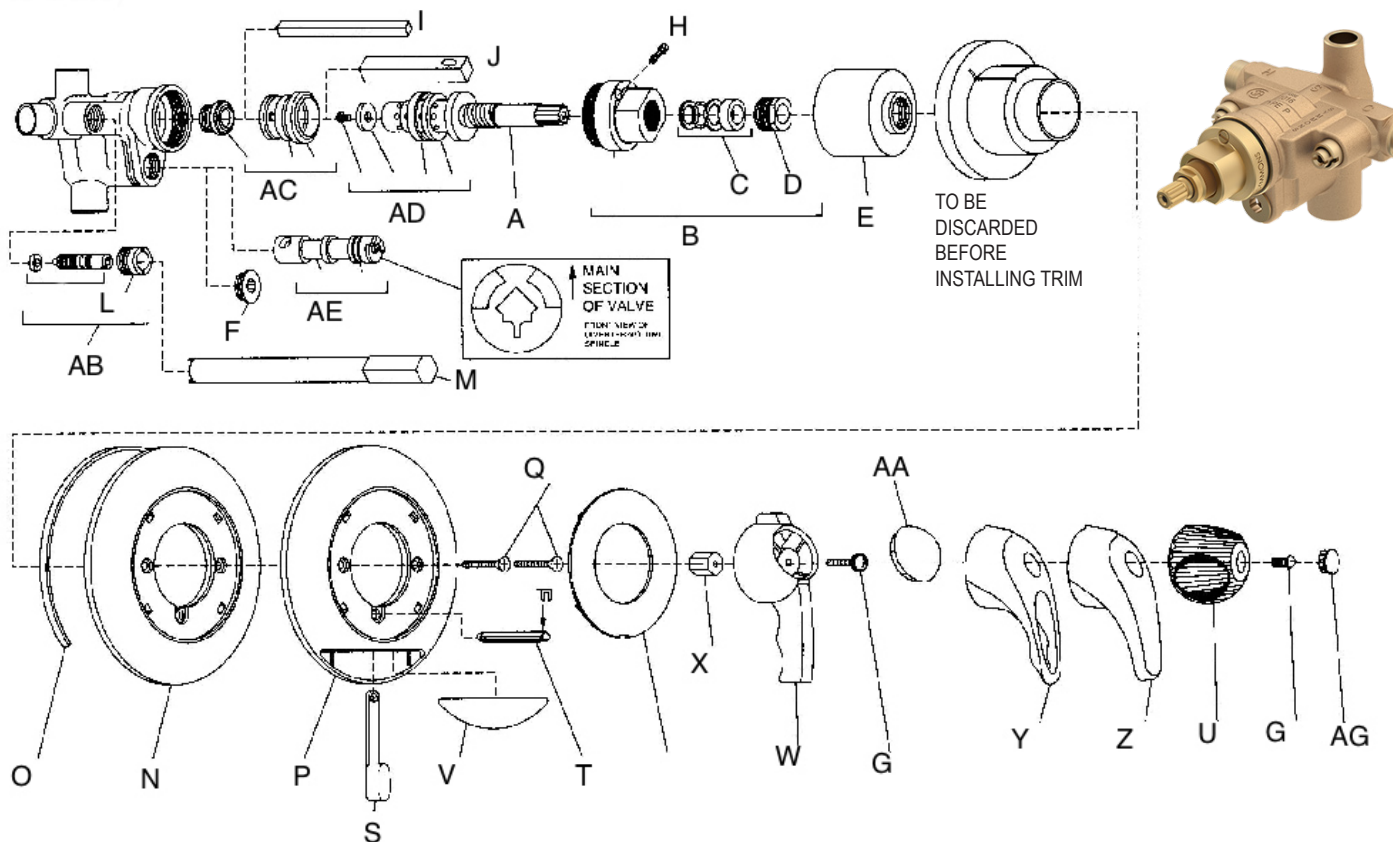
A	37601	Spindle & Plaster Shield (New Style)
D	20008	Diverter Retainer
E	99340094	Plaster Shield Wrench
F	36201	Volume Diverter Spindle
	36202	Volume Diverter Spindle (Black)
H	00209	7/16" X 5/8" X 3/32" O-Ring
I	29856	Seat Repair Kit
J	29857	Washer Repair Kit
K	36199	Flow Control Spindle
L	29853	Cap Assembly
M	00249	Packing O-Ring & Washer
N	29852	Packing Nut
O	29854	Dome Cover & Locknut
P	99311811	Escutcheon Gasket
Q	28219	Escutcheon
R	02134	Escutcheon Screws (Pair)
S	29855	Dial (Model A)
	99190105	Dial (Model B)
	99190106	Dial (Model C)
T	03001	Escutcheon Retainer Clip
U	29727	Diverter/Volume Handle - Plastic
V	29733	Temperature Control
W	29936	Handle Inserts
X	99063711	Temptrol 2000 Loop Handle (CP)
Y	NLA	New Style Allura Lever Handle (CP)
Z	99102371	Acrylic Temp Control Handle
AA	02133	1/2" X 8-32 Brass Round HD Handle Screw
AB	29851	Plug Button
AC	99070002	Handle Set Screw
AD	28114	Diverter Handle w/Set Screw
AE	11259	Hot Seat Removal Tool
AF	11259	Cold Seat Removal Tool
AG	36200	Limit Stop w/O-Ring
	99260372	Spindle Extension Kit
	77861	Pressure-Balancing Valve w/Turn Limit (CP)



#99260372
Spindle Extension Kit

Symmons

Temptrol® (1994 to Date)



A	36199	Flow Control Spindle
B	29853	Cap Assembly
C	00249	Packing O-Ring & Washer
D	29852	Packing Nut
E	29854	Dome Cover & Locknut
F	20008	Diverter Retainer
G	02133	1/2" X 8-32 Brass Round HD Handle Screw
H	36200	Limit Stop w/O-Ring
I	11259	Hot Seat Removal Tool
J	NLA	Cold Seat Removal Tool
L	NLA	Stop Plaster Shield 5/8" (Pair)
M	99340094	Plaster Shield Wrench
N	99190210	Escutcheon (Model C)
O	99190211	Escutcheon Gasket
P	NLA	Escutcheon w/Slot
Q	99190217	Escutcheon Screws (2)
S	NLA	Diverter Handle Kit (Chrome)
T	NLA	Diverter Handle Stem w/O-Ring
U	99102371	Acrylic Temp Control Handle
V	NLA	Tub/ Shower Dial Emblem
	NLA	Shower Dial Emblem
W	29942	Lever Temperature Control Handle
X	29936	Handle Inserts
Y	99063711	Temptrol 2000 Loop Handle (CP)
Z	NLA	New Style Allura Lever Handle (CP)
AA	99190216	Plug Button (Round)
AB	37601	Spindle & Plaster Shield (New Style)
AC	29856	Seat Repair Kit
AD	29857	Washer Repair Kit
AE	36201	Volume Diverter Spindle
	36202	Volume Diverter Spindle (Black)
AG	29851	Plug Button

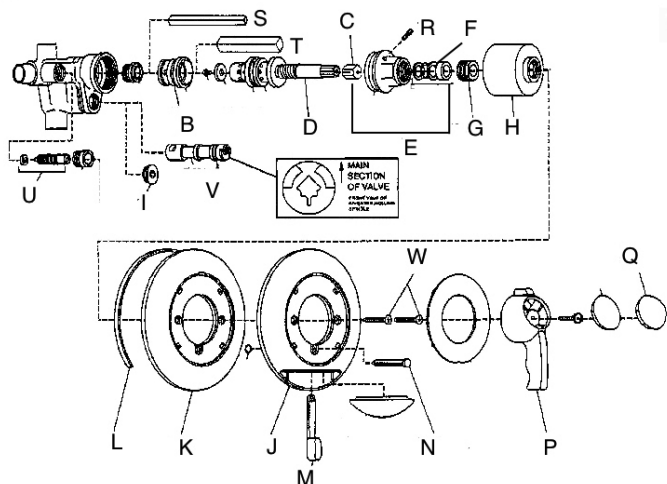
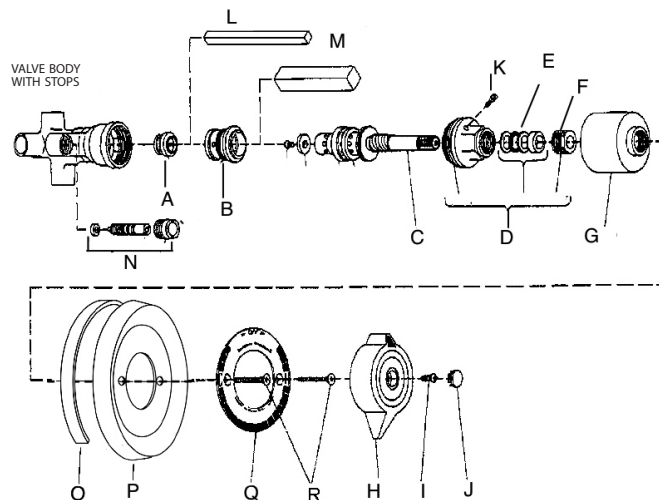
29857 Washer Repair Kit

- Hot Washer Screw
- Hot Washer
- Cold Washer Retainer
- Cold Washer
- Cap Gasket

Symmons

Temptrol® 2000

Temptrol® II



B	29856	Seat Repair Kit (H&C)
C	29936	Handle Inserts
D	36199	Flow Control Spindle
E	29853	Cap Assembly
F	00249	Packing O-Ring & Washer
G	29852	Packing Nut
H	29854	Dome Cover & Locknut
I	20008	Diverter Retainer
J	NLA	Escutcheon w/Slot
K	99190210	Escutcheon (Model C)
L	99190211	Escutcheon Gasket
M	NLA	Diverter Handle Kit (Chrome)
N	NLA	Diverter Handle Stem w/O-Ring
P	29942	Lever Temperature Control Handle
Q	99190216	Plug Button (Round)
R	36200	Limit Stop w/O-Ring
S	11259	Hot Seat Removal Tool
T	NLA	Cold Seat Removal Tool
U	37601	Spindle & Plaster Shield (New Style)
V	36201	Volume Diverter Spindle
	36202	Volume Diverter Spindle (Black)
W	99190217	Escutcheon Screws (2)
	29857	Washer Repair Kit

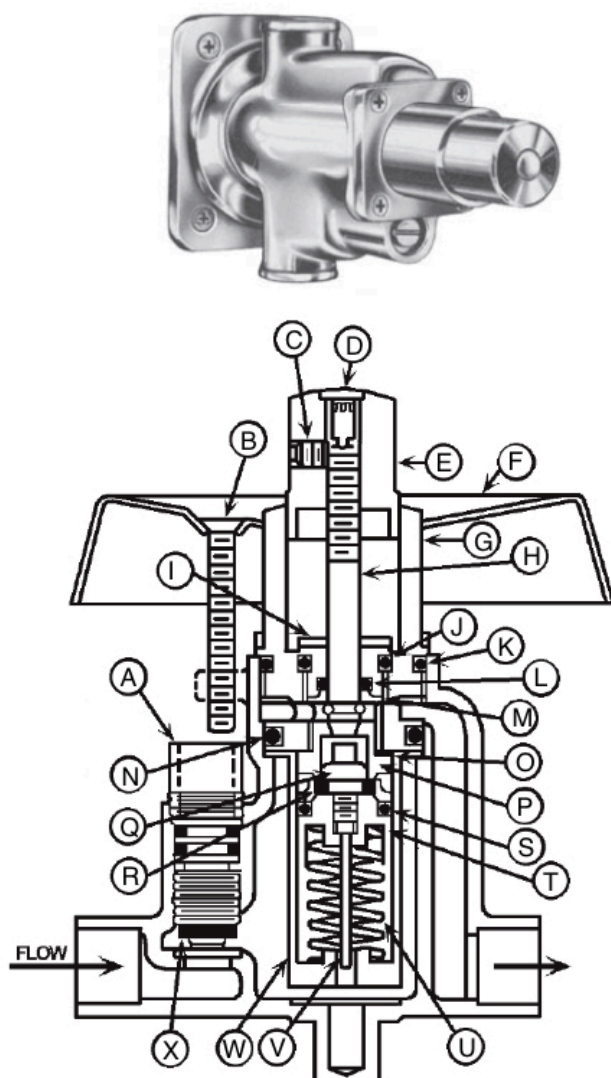
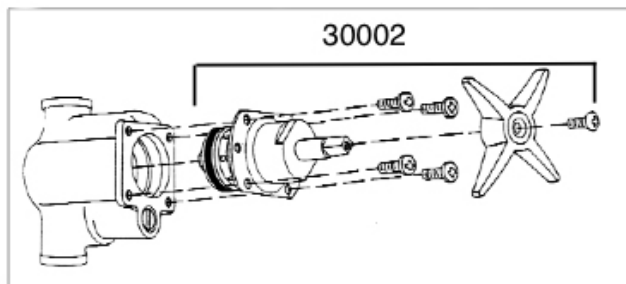
A	29856	Seat Repair Kit
B	29856	Seat Repair Kit
C	36199	Flow Control Spindle
D	29853	Cap Assembly
E	00249	Packing O-Ring & Washer
F	29852	Packing Nut
G	29854	Dome Cover & Locknut
H	29943	Temptrol II Temperature Control Handle
I	02133	1/2" X 8-32 Brass Round HD Handle Screw
J	29851	Plug Button
K	36200	Limit Stop w/O-Ring
L	11259	Hot Seat Removal Tool
M	NLA	Cold Seat Removal Tool
N	37601	Spindle & Plaster Shield (New Style)
O	99311811	Escutcheon Gasket
P	28219	Escutcheon
Q	29944	Temptrol II Dial
R	02134	Escutcheon Screws (2 Req.) (Pair)
S	29857	Washer Repair Kit

29857 Washer Repair Kit

- Hot Washer Screw
- Hot Washer
- Cold Washer Retainer
- Cold Washer
- Cap Gasket

Symmons

SHOWEROFF Automatic Shower Limiting Valve Model 83 (1983 to Date)



A	99180088	Stop Retainer
B	99180089	Escutcheon Screws (2)
C	99180090	Knob Set Screw
D	28111	Plug Button
E	99180092	Knob
F	28112	Escutcheon & Screws
G	99180093	Cap
H	28113	Push Rod w/Snap Ring
I	99180094	Guide Nut
J	99180095	Guide Nut Large O-Ring
K	00043	1-1/8" ID X 1-5/16" OD X 3/32" O-Ring
L	00205	3/8" OD X 1/4" ID X 1/16" O-Ring
M	99180096	Guide Nut Washer
N	00218	15/16 ID X 1-3/16 OD X 1/8 O-Ring
O	99180097	Retainer Gasket
P	99180098	Retainer
Q	99180099	Washer Screw
R	99190160	Shut-Off Washer
S	00211	9/16" ID X 3/4" OD X 3/32" O-Ring
T	99190161	Piston
U	99190162	Piston Spring
V	99190163	Control Rod
W	99190164	Cylinder
X	99190165	Integral Stop Unit
	37591	Shower Stem Assembly
	30001	Washer & Gasket Repair Unit
	30002	Conversion Cartridge
	30026	Repair Kit for Conversion Kit

Repair Kits:

#37591 Cartridge Unit

#30001 Repair Unit Including Piston Unit, Cylinder, and all necessary washers and gaskets.

#30002 Conversion Cartridge
Cartridge and cross handle to convert from pushbutton to manual control. Works on Showeroff Models 60 and 83.

#30026 Repair Kit including small and large bonnet O-Rings stem O-Ring, nut, washers, retainer and seat.

Note: Identify valve by Model 83 stamped on KNOB 99180092

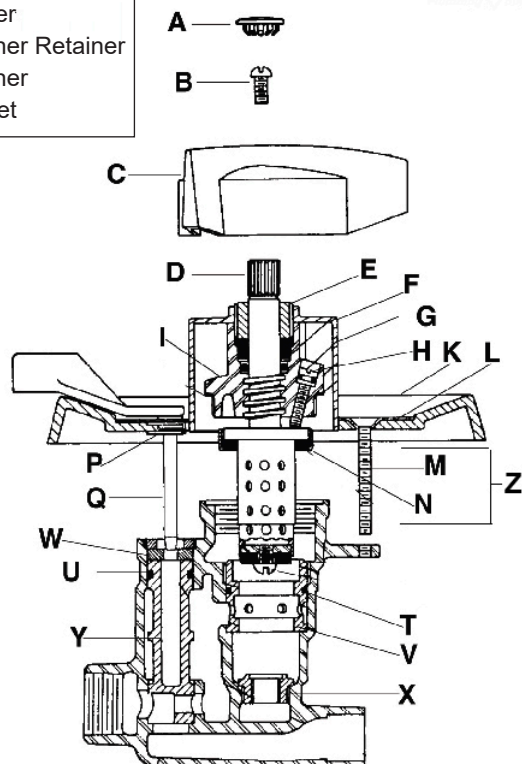
For Valve Prior to 1983 Use Showeroff 60 Parts.

Symmons / Union Brass

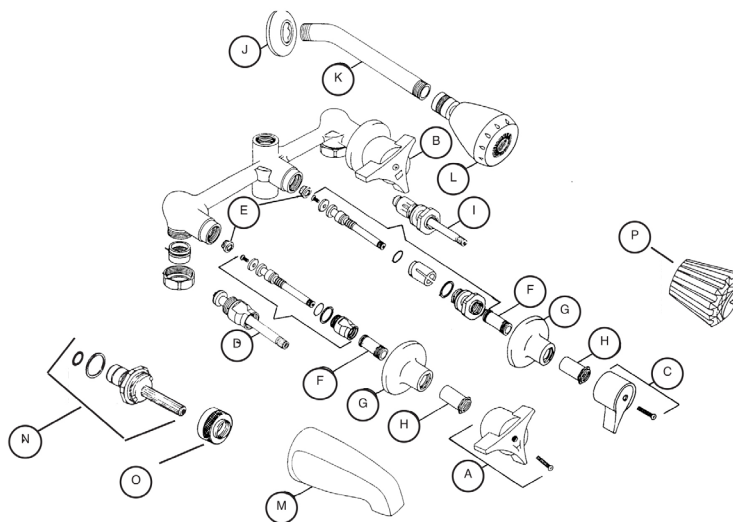
Symmons Temptrol® Pressure Balance

29857 Washer Repair Kit

- Hot Washer Screw
- Hot Washer
- Cold Washer Retainer
- Cold Washer
- Cap Gasket



Union Brass Model 30 & 31 Washer Type & Model 530 & 590 Washerless



SHOWER SCHEMATICS

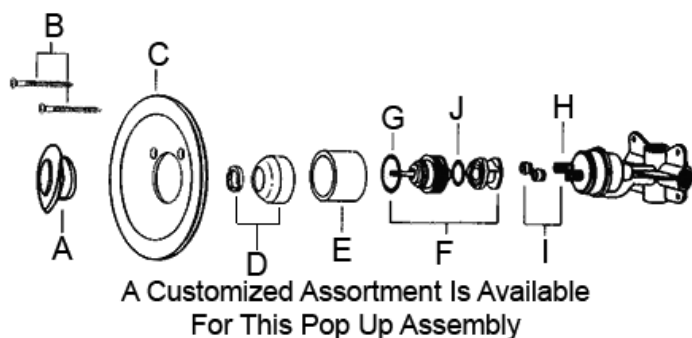
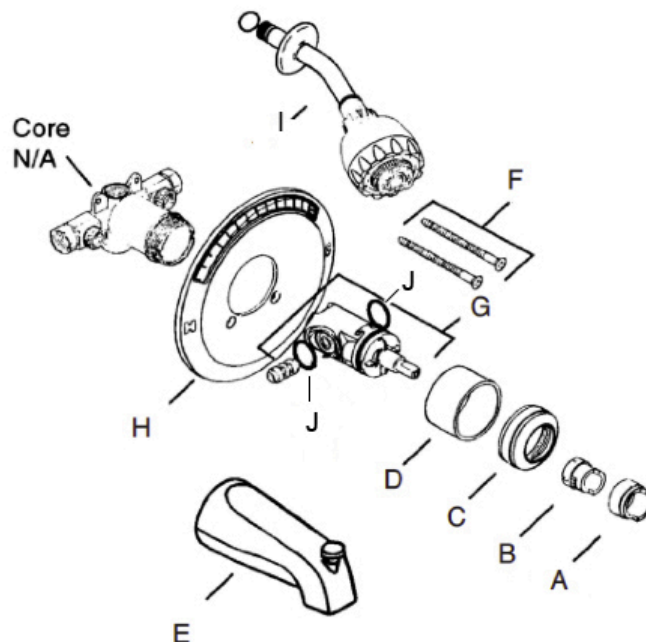
A	29851	Plug Button
B	02133	1/2" X 8-32 Brass Round HD Handle Screw
C	29733	Temperature Control
D	36199	Flow Control Spindle
E	29852	Packing Nut
F	29854	Dome Cover & Locknut
G	00249	Packing O-Ring & Washer
H	36200	Limit Stop w/O-Ring
I	29853	Cap Assembly
K	28219	Escutcheon
L	29855	Dial (Model A)
	99190105	Dial (Model B)
	99190106	Dial (Model C)
M	02134	Escutcheon Screws (2 Req.) (Pair)
P	03001	Escutcheon Retainer Clip
Q	29727	Diverter/Volume Handle - Plastic
T	00214	3/4" ID X 15/16" OD X 3/32" O-Ring
U	00209	7/16" X 5/8" X 3/32" O-Ring
V	29857	Washer Repair Kit
W	02135	Hold Down Washer w/Screw (1 Hole)
	01146	Hold Down Washer w/Screws (2 Hole)
	20008	Diverter Retainer
X	29857	Washer Repair Kit
Y	36201	Volume Diverter Spindle
	36202	Volume Diverter Spindle (Black)
	11259	Hot Seat Removal Tool
	NLA	Cold Seat Removal Tool
Z	27795	H/C Washer & Retainer Kit Includes M,N,
	29856	Seat Repair Kit (H&C)
	29857	Washer Repair Kit Contains J,N,O,R,S

A	99820904	Hot Bath Handle (Chrome)
	02108	1/2" X 10-24" S/S Oval Head Handle Screw (S/S)
B	99820904	Cold Bath Handle (Chrome)
	02108	1/2" X 10-24" S/S Oval Head Handle Screw (S/S)
C	29496	Diverter Handle
	02108	1/2" X 10-24" S/S Oval Head Handle Screw (S/S)
D	33690	Hot Stem Unit
	336900	Cold Stem Unit
	02014	3/8" X 8-32" Bronze Round HD Screw
E	16689	5/8" OD X 18Th Brass Seat
F	29502	Nipple
G	29505	Escutcheon
H	29497	Sleeve
I	31355	Diverter Stem Unit
	02014	3/8" X 8-32" Bronze Round HD Screw
	08001	Fiber Cap Thread Gasket
	00008	9/16" ID X 11/16" OD X 1/16" O-Ring
	29499	Diverter Valve Sleeve
J	75308	Shower Arm Flange w/Set Screw (CP)
K	75306	1/2" X 8 Shower Arm (CP)
L	75440	2.5 Brass Showerhead
M	75313	1/2" Die Cast Tub Spout w/Nose Thrds
N	99190275	Hot Valve Assembly
O	99190276	Valve Bonnet Nut
P	99190277	Hot Clear Acrylic Handle
	99190278	Cold Clear Acrylic Handle
	99190279	Diverter Clear Acrylic Handle

Single Lever Shower

Single-Control Pressure Balance

Handbook/Valley/Pressure Balance

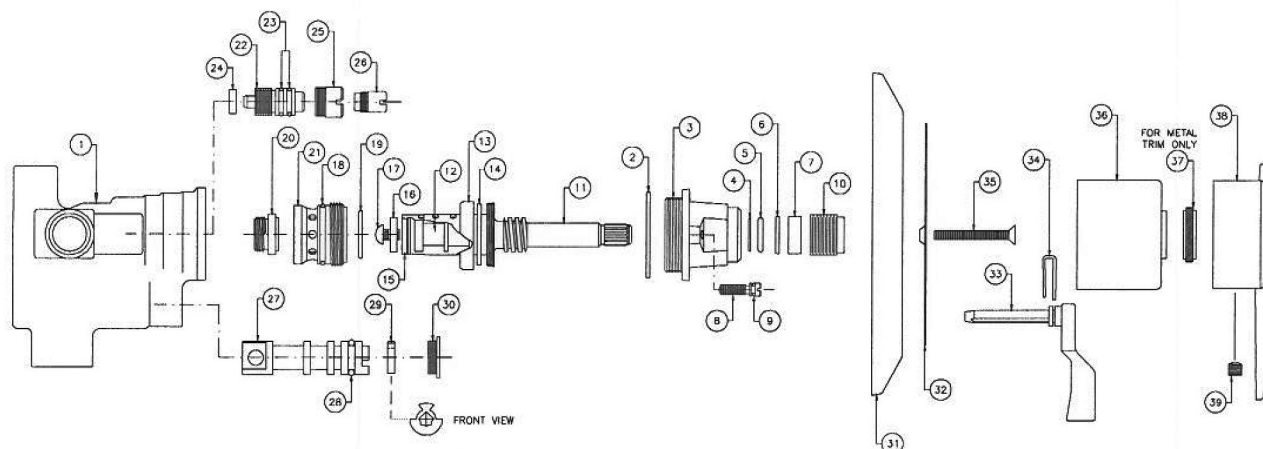


A	29360	Lever Handle Assembly
	29362	S/L Acrylic Handle
B	99040531	Escutcheon Screw (Pair)
C	99113162	Escutcheon (CP)
D	26148	Bonnet Nut Assembly
E	99101452	Sleeve
F	27151	Hot/Cold Cartridge
G	00991	1-5/16" X 1-1/2" X 3/32" O-Ring
H	00214	3/4" ID X 15/16" OD X 3/32" O-Ring
I	08040	Inlet Seal
J	08042	Spring & Insert

A	99060488	Maximum Temperature
B	99062168	Stop Bushing
C	99102567	Bonnet Nut (CP)
D	99101452	Sleeve
E	99102544	Tub Spout w/Diverter (CP)
	99102545	Diverter Slip-On Tub Spout
F	99040531	Escutcheon Screw (Pair)
G	27165	Control Cartridge
H	99040533	Escutcheon (CP)
I	99102547	Shower Arm
J	99170470	O-Ring & Check Valve Kit

Zurn

Replacement Kits



99066181

CONTROL STEM REPLACEMENT KIT

- ITEM NO.
- 2 CAP GASKET
 - 11 CONTROL STEM
 - 12 CONTROL PISTON
 - 13 COLD WASHER RETAINER
 - 14 COLD WASHER
 - 15 CONTROL PISTON PLUNGER
 - 16 HOT WASHER
 - 17 WASHER RETAINING SCREW

99285398

SERVICE STOP REPLACEMENT KIT (2) PER

- ITEM NO.
- 22 VALVE STOP
 - 23 STOP O-RING
 - 24 STOP GASKET

99441338

DIVERTER/VOLUME CONTROL SPINDLE REPLACEMENT KIT

- ITEM NO.
- 27A DIVERTER SPINDLE (WHITE
W/BLACK GASKET)
 - 28 O-RING
 - 29 DIVERTER KEY

99285401

VOLUME CONTROL SPINDLE REPLACEMENT KIT

- ITEM NO.
- 27B DIVERTER SPINDLE (BLACK)
 - 28 O-RING
 - 29 DIVERTER KEY

99066185

PACKING REPLACEMENT KIT

- ITEM NO.
- 2 CAP GASKET
 - 4 O-RING WASHER
 - 5 O-RING
 - 6 PACKING WASHER
 - 7 GRAPHITE PACKING

99285399

ADJUSTMENT SCREW REPLACEMENT KIT

- ITEM NO.
- 8 ADJUSTMENT SCREW
 - 9 O-RING

99310778

CONTROL STEM WASHER REPLACEMENT KIT

- ITEM NO.
- 2 CAP GASKET
 - 13 COLD WASHER RETAINER
 - 14 COLD WASHER
 - 16 HOT WASHER
 - 17 WASHER RETAINING SCREW

99066186

SEAT REPLACEMENT KIT

- ITEM NO.
- 18 COLD SEAT O-RING
 - 19 INT. COLD SEAT O-RING
 - 20 HOT WATER SEAT
 - 21 COLD WATER SEAT

PARTS:

- 1 BODY
- 2 CAP GASKET
- 3 BONNET
- 4 O-RING WASHER
- 5 O-RING
- 6 PACKING WASHER
- 7 GRAPHITE PACKING
- 8 ADJUSTMENT SCREW
- 9 ADJUSTMENT SCREW O-RING
- 10 PACKING NUT
- 11 CONTROL STEM
- 12 CONTROL PISTON
- 13 COLD WASHER RETAINER
- 14 COLD WASHER
- 15 CONTROL SPINDLE PLUNGER
- 16 HOT WASHER
- 17 WASHER RETAINER SCREW
- 18 COLD SEAT O-RING
- 19 INT. COLD SEAT O-RING
- 20 HOT WATER SEAT
- 21 COLD WATER SEAT
- 22 SERVICE STOP SPINDLE
- 23 SERVICE STOP O-RING
- 24 STOP GASKET
- 25 STOP RETAINER(7000-3D)
- 26 RETAINER SCREW(7000-11D)
- 27A DIV/VOL CONTROL SPINDLE
- 27B VOLUME CONTROL SPINDLE
- 28 DIVERTER SPINDLE O-RING
- 29 DIVERTER KEY
- 30 DIVERTER RETAINER(7000-3)
- 31A COVER, ABS(7000-8)
- 31B COVER, BRASS(7000-8MT)
- 32A DIAL, STANDARD(T7000)
- 32B DIAL, DIV/VOL CONTROL(T7001)
- 32C DIAL, VOLUME CONTROL(T7001A)
- 33 DIVERTER HANDLE(7000-6C)
- 34 CLIP(7000-32)
- 35 COVER SCREW(7000-11AB)
- 36A ESCUTCHEON, ABS(7000-81)
- 36B ESCUTCHEON, BRASS(7000-81MT)
- 37 ESCUTCHEON NUT(7500-9)
- 38 TEMPERATURE HANDLE, METAL
- 39 HANDLE SETSCREW(7000-11G)
- 40 COVER GASKET
(SEE COVER GASKET
INSTALLATION)

99066184

CAP REPLACEMENT KIT

- ITEM NO.
- 2 CAP GASKET
 - 3 BONNET
 - 4 O-RING WASHER
 - 5 O-RING
 - 6 PACKING WASHER
 - 7 GRAPHITE PACKING
 - 8 ADJUSTMENT SCREW
 - 9 ADJUSTMENT SCREW O-RING
 - 10 PACKING NUT

99066182

SEAT REPLACEMENT KIT

- ITEM NO.
- COLD SEAT TOOL
 - HOT SEAT TOOL

99470825

HANDLE ASSEMBLY

- ITEM NO.
- 38 TEMP HANDLE, METAL
 - 39 HANDLE SET SCREW
(7000-11G)

Proper performance is dependent upon licensed, qualified personnel performing regular, periodic testing according to ZURN specifications and prevailing governmental & industry standards and codes and upon following these installation instructions. Failure to do so releases ZURN of any liability that it might otherwise have with respect to that device. Such failure could also result in an improperly functioning device.