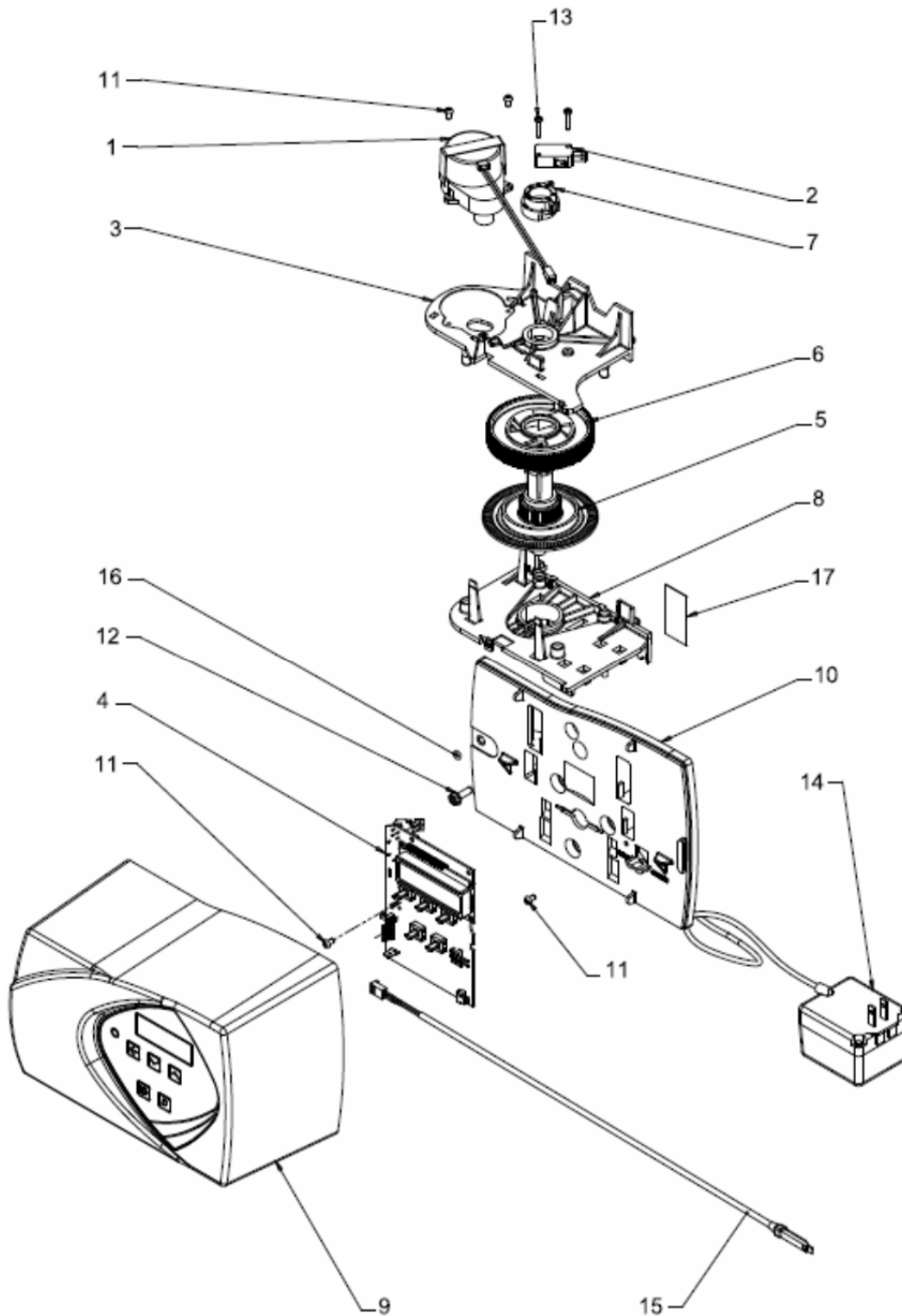


## Parts List for Systems Using the 7G2x Generation 2 Controller

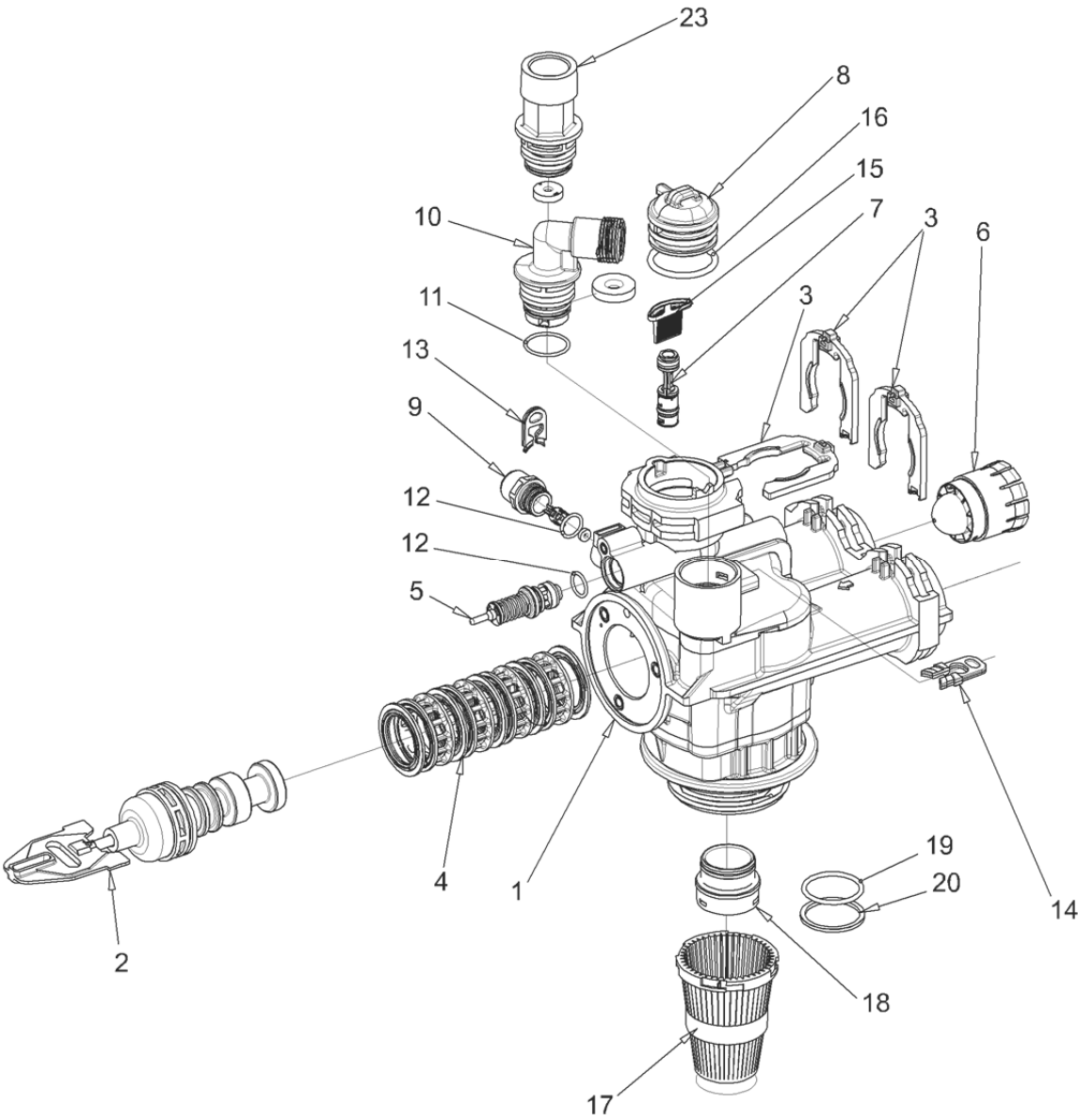
### Power Head Assembly Parts Diagram



### Power Head Assembly Parts List:

| Item No.  | Qty | Part No. | Description                      |
|-----------|-----|----------|----------------------------------|
| 1         | 1   | 42349    | Motor, 24V, 2 rpm, 7G2x          |
| 2         | 1   | 10218    | Switch, Micro                    |
| 3         | 1   | 40978    | Support, Upper Support           |
| 4         | 1   | 61656    | Circuit Board, 7G2x              |
| 5         | 1   | 40702    | Shaft, Drive/Encoder             |
| 6         | 1   | 40703    | Gear, Main Drive                 |
| 7         | 1   | 40704    | Cam, Brine, Downflow             |
| 8         | 1   | 40979    | Plate, Lower Support             |
| 9         | 1   | 61635-01 | Cover Assy, 7G2x black           |
|           | 1   | 61693-02 | Cover Assy, 7G2x gray            |
| 10        | 1   | 40980    | Back Plate                       |
| 11        | 4   | 13602    | Screw, Phil Rd Hd, 6-32 x 5/16   |
| 12        | 1   | 12473    | Screw, Hx Wshr Hd, #10-24 x .625 |
| 13        | 2   | 11805    | Screw, Rd Hd, 4-40 x 5/8 Type 1  |
| 14        | 1   | 40981    | Transformer, US 24V, 9.6 VA      |
| 15        | 1   | 19791-01 | Meter Cable Assy, Turbine        |
| 16        | 1   | 41122    | O-ring, -007                     |
| 17        | 1   | 40960-03 | Label, UL Nameplate, 7000, US/24 |
| Not Shown | 1   | 19367    | Screw, Designer Cover, Thumb     |

Valve Assembly Parts Diagram



## Valve Assembly Parts List

| Item No. | Quantity | Part No. | Description                                         |
|----------|----------|----------|-----------------------------------------------------|
| 1        | 1        | 61050    | Valve Body Assembly, 70xx, 32mm Dist                |
| 2        | 1        | 61542-10 | Piston Assembly, 7G2i-HF, Softener, D/F 35 gpm      |
|          |          | 61453-10 | Piston Assembly, 7G2i-SF, Softener, D/F 28 gpm      |
|          |          | 61452-20 | Piston Assembly, 7G2b, Filter 35GPM                 |
| 3        | 3        | 40576    | Clip, H, Plastic, 7000                              |
| 4        | 1        | 61438    | Seal & Spacer Kit, 7000, D/F                        |
| 5        | 1        | 60016-01 | Brine Valve Assembly, 7G2i-xx, 560CD                |
| 6        | 1        | 40577    | Turbine Meter Assembly, 7G2x                        |
| 7        | 1        | 61XXX    | Injector Assembly, Not used on the 7G2b Control     |
| 8        | 1        | 40556    | Cap, Injector                                       |
| 9        | 1        | 61XXX    | BLFC Assemblies, Not used on the 7G2b Control       |
| 10       | 1        | 61XXX    | DLFC Assemblies, (see below)                        |
| 11       | 1        | 13303-01 | O-ring, -021, 560CD                                 |
| 12       | 2        | 13302-01 | O-ring, -014, 560CD, Not used on the 7G2b Control   |
| 13       | 1        | 40946    | Clip, Brine Retaining, Not used on the 7G2b Control |
| 14       | 1        | 40945    | Clip, Drain Retaining                               |
| 15       | 1        | 40950    | Screen, Injector, Not used on the 7G2b Control      |
| 16       | 1        | 40951    | O-ring, -220                                        |
| 17       | 1        | 18280    | Collector, Top, 1" x .011, Gray                     |
| 18       | 1        | 61419    | Kit, 1.05" Distributor, Adapter                     |
| 19       | 1        | 19054    | O-ring, -124                                        |
| 20       | 1        | 18303-01 | O-ring, - 336, 560CD                                |
| 23       | 1        | 61XXX    | DLFC Kits                                           |

### Injector Assemblies: \*Injector Assemblies not used on 7G2b controls.

| Part Number | Injector Number | Part Number | Injector Number |
|-------------|-----------------|-------------|-----------------|
| 61454-000   | 000 Brown       | 61454-2     | #2 Blue         |
| 61454-00    | 00 Violet       | 61454-3     | #3 Yellow       |
| 61454-0     | 0 Red           | 61454-4     | #4 Green        |
| 61454-1     | 1 White         | 61454-5     | #5 Gray         |

### Drain Line Flow Control Assemblies

| Part No.  | DLFC Size | GPM   |
|-----------|-----------|-------|
| 61455-00  | 3/4"      | Blank |
| 61455-17  | 3/4"      | 1.7   |
| 61455-20  | 3/4"      | 2.0   |
| 61455-24  | 3/4"      | 2.4   |
| 61455-30  | 3/4"      | 3.0   |
| 61455-35  | 3/4"      | 3.5   |
| 61455-40  | 3/4"      | 4.0   |
| 61455-45  | 3/4"      | 4.5   |
| 61455-50  | 3/4"      | 5.0   |
| 61455-60  | 3/4"      | 6.0   |
| 61455-70  | 3/4"      | 7.0   |
| 61456-00  | 1"        | Blank |
| 61456-8.0 | 1"        | 8.0   |
| 61456-9.0 | 1"        | 9.0   |
| 61456-10  | 1"        | 10.0  |
| 61456-12  | 1"        | 12.0  |
| 61456-15  | 1"        | 15.0  |
| 61456-20  | 1"        | 20.0  |
| 61456-25  | 1"        | 25.0  |
| 61456-30  | 1"        | 0.0   |

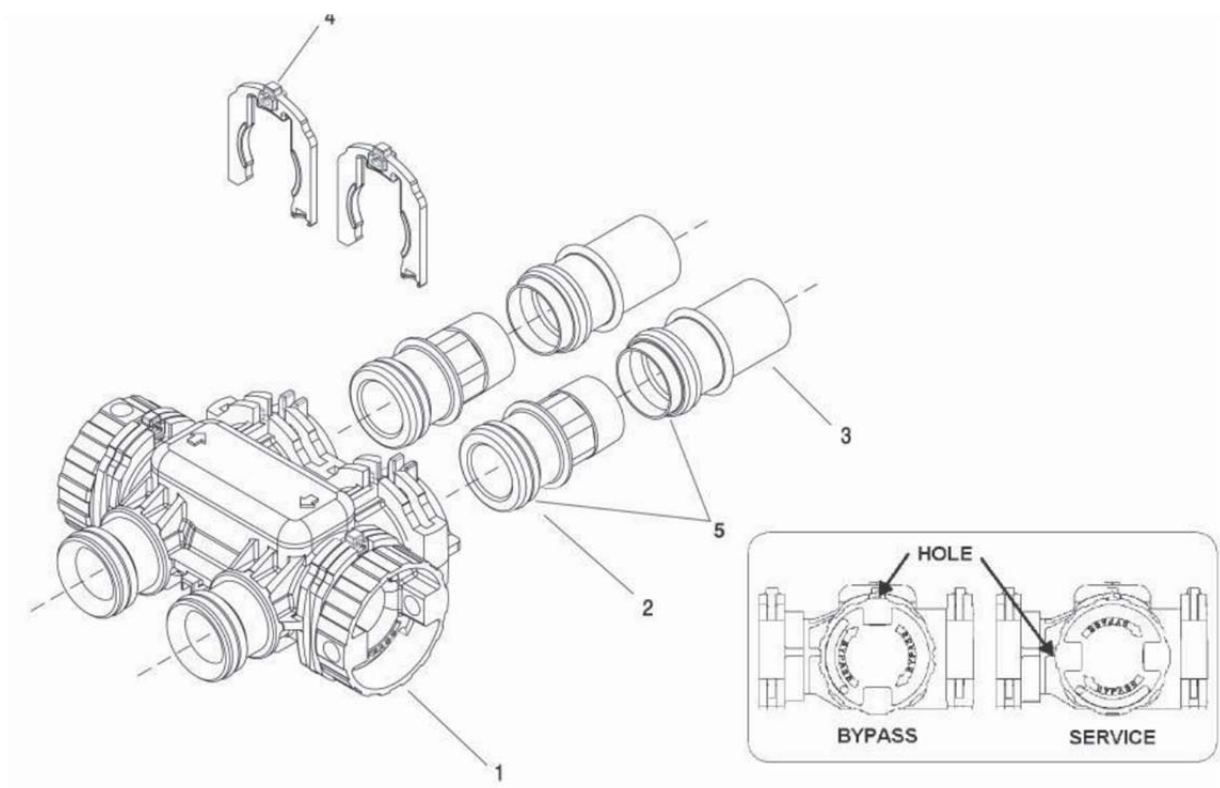
### Brine Line Flow Assemblies: Not used on 7G2b controls.

| Part No.  | BLFC Size | GPM   |
|-----------|-----------|-------|
| 61450-00  | 3/8"      | Blank |
| 61450-12  | 3/8"      | 0.125 |
| 61450-25  | 3/8"      | 0.25  |
| 61450-50  | 3/8"      | 0.50  |
| 61450-100 | 3/8"      | 1.0   |
| 61451-00  | 1/2"      | Blank |
| 61451-12  | 1/2"      | 0.125 |
| 61451-25  | 1/2"      | 0.25  |
| 61451-50  | 1/2"      | 0.50  |
| 61451-100 | 1/2"      | 1.0   |

### Not Shown

|          |                           |
|----------|---------------------------|
| DP32-72  | Tube, Distributor, 32MM   |
| BD32     | Distributor, 32MM         |
| TD32L    | Collector, 32MM Bayonet   |
| 12763-10 | Stuffer Tool Assy, 70xx   |
| 18303    | O-ring, -336, Top of Tank |

# Bypass Assembly



**IMPORTANT**  
To bypass the valve, slowly turn bypass knob on both sides of the valve to bypass position.  
  
When returning to service, slowly put the inlet into service before the outlet.

## Bypass Assembly Parts List

| Item Number | Quantity | Part Number | Description                                                                                                    |
|-------------|----------|-------------|----------------------------------------------------------------------------------------------------------------|
| 1           | 1        | 40569       | 7G2x bypass assembly                                                                                           |
| 2           | 2        | 40563-01    | connector, 1" NPT                                                                                              |
|             |          | 40565-01    | connector, 1-1/4" NPT                                                                                          |
|             |          | 42241-01    | connector, 1-1/2" NPT                                                                                          |
| 3           | 2        | 40953       | connector, 1-1/4" sweat, copper                                                                                |
| 4           | 2        | 40576       | clip, H, plastic                                                                                               |
| 5           | 1        | 40951       | o-ring                                                                                                         |
| Not Shown   | 1        | 61462       | 7G2x valve bypass service kit (includes all internal parts for 7G2x bypass assembly– bypass body not included) |

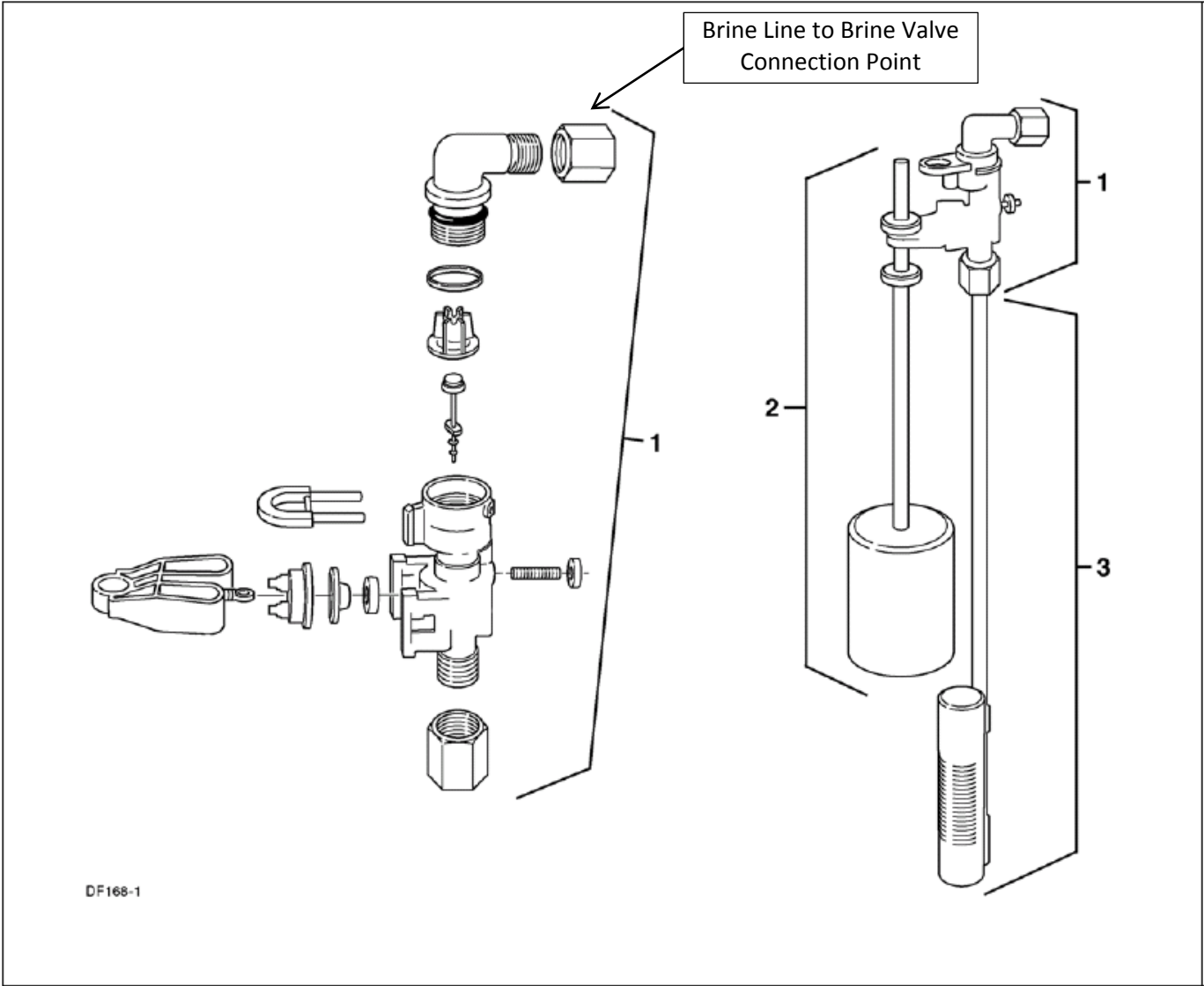
## Optional Elbow Kit (2 required).

### Elbow Kit parts list

| Part No. | Quantity | Description                                       |
|----------|----------|---------------------------------------------------|
| 61601    | 2        | Elbow Kit, 7G2x,<br>2 required per system control |



# 2310 Safety Brine Valve Diagram



## 2310 Safety Brine Valve Parts List

| Item # | Quantity | Part Number | Description                    |
|--------|----------|-------------|--------------------------------|
| 1      | 1        | 60014       | <b>2310</b> safety brine valve |
| 2      | 1        | 60068       | <b>2310</b> float assembly     |
| 3      | 1        | 60002       | #500 air check                 |