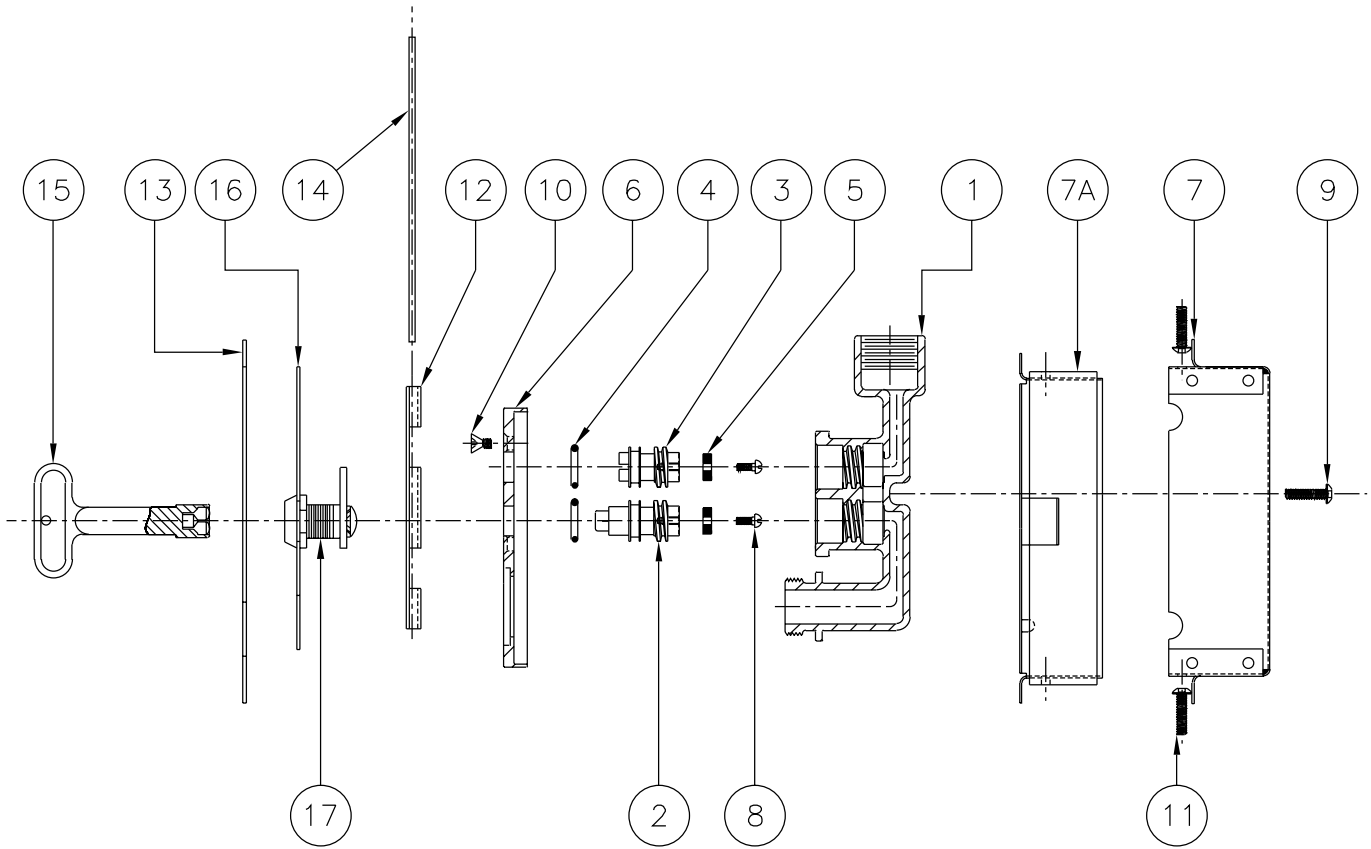


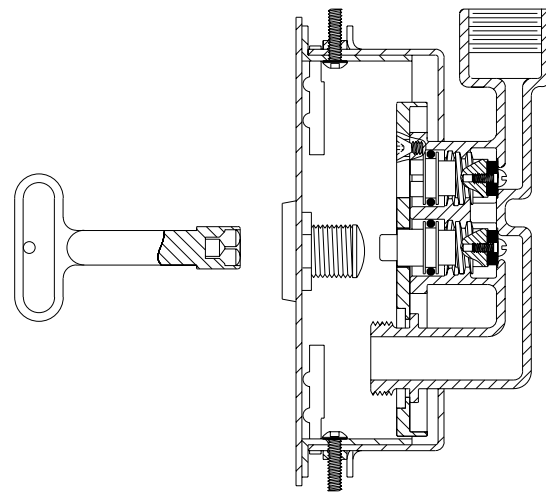
## Z1350 NARROW WALL HYDRANT Parts Assembly and Parts List

### Z1350 Parts Assembly



### Z1350 Parts List

Item	Description	Qty.	Part No.
1	Head	1	56488-001
*2	Operating Plunger	1	56512-001
*3	Stop Plunger	1	56512-002
*4	O-Ring	2	23750-313
*5	Teflon Washer	2	56513-001
6	Faceplate	1	56479-001
7	Body Bottom	1	56983-001
7A	Sleeve	1	56731-001
*8	Screw #6-32 NC	2	14853-016
9	Screw #10-24 NC	2	14853-041
10	Faceplate Screw	4	22698-047
11	Screw #10-24 NC	2	56988-002
12	Hinge Bracket	1	58482-001
13	Frame	1	56185-001
14	Hinge Pin	1	58483-001
*15	Key	1	59546-001
16	Cover	1	56187-006
17	Cylinder Lock Assembly	1	47153-001



\*Items are available in -RK Repair Kit Option bag (#66955-208-9).

## Z1350 NARROW WALL HYDRANT Troubleshooting Guide

### Z1350 Troubleshooting Guide

PROBLEM	CAUSE	SOLUTION
Hydrant will not operate when turned on.	Water supply is shut off to the hydrant.	Turn on water supply.
	Water supply is shut off at the hydrant head.	Turn on water supply.
Cannot turn the hydrant on with key.	Hydrant hasn't been used for a long time – O-Ring has adhered to operating plunger and head.	Follow steps 1-6 of the Service Guide and lubricate O-Ring as in step 4.
Cannot shut the water off at the hydrant head shut off (shut off will not turn).	Hydrant hasn't been used for a long time – O-Ring has adhered to stop plunger and head.	Follow steps 7, 2, 8, 9, 5, and 10 of the Service Guide and lubricate O-Ring as in step 9.
Water does not shut off completely when hydrant is turned off with key.	Teflon washer is worn out.	Follow steps 1-6 of the Service Guide.
Water does not shut off completely when hydrant is turned off with key and the hydrant head is shut off.	Teflon washers are worn out.	Follow steps 7, 2-4, 8, 9, 5, and 10 of the Service Guide.
Hydrant exhibits low flow.	Water supply to hydrant is restricted.	Check water supply to ensure that all upstream valves are fully open.

## Z1350 NARROW WALL HYDRANT Service Guide

### Z1350 Service Guide

#### Step 1: Shutting Off the Water Supply at the Hydrant Head

Using a flat screwdriver, shut off the water supply by turning the stop plunger assembly (3) clockwise until the water supply is off.

#### Step 2: Removing the Faceplate and Adjacent Components

Using 1/8" Allen wrench, remove the four faceplate screws (10) from head (1) by turning counterclockwise. Remove the faceplate (6).

#### Step 3: Removing the Internal Operating Plunger Assembly

The internal operating plunger assembly (2, 4, 5, and 8) can be removed by using the key (15) on the square end of the operating plunger (2) and turning counterclockwise until the operating plunger assembly (2) is unscrewed from head (1). Discard the operating plunger assembly.

#### Step 4: Replacing the Operating Plunger Assembly

Insert the new operating plunger assembly (2) into the head (1), and using the key (15) turn clockwise until seated snug (by hand only). **(Note:** Lubricate the O-Ring (4) with Lubriplate FGL-2 if needed).

#### Step 5: Replacing the Faceplate

Place the faceplate (6) onto head (1), and using the 1/8" Allen wrench and the four screws (10) rotate the screws clockwise until screws are snugged tight (by hand only).

#### Step 6: Turning on the Water Supply at the Hydrant Head

Using a flat screwdriver, turn on the water supply by turning the stop plunger assembly (3) counterclockwise until the water supply is on.

#### Step 7: Shutting off the Water Supply to the Hydrant

Locate the supply shut off valve and rotate until water supply is shut off.

#### Step 8: Removing the Internal Stop Plunger Assembly

The internal stop plunger assembly (3, 4, 5, and 8) can be removed by using a flat screwdriver and turning counterclockwise until the stop plunger assembly (3) is unscrewed from head (1). Discard the stop plunger assembly.

#### Step 9: Replacing the Stop Plunger Assembly

Insert the new stop plunger assembly (3) into the head (1), and using the flat screwdriver, turn clockwise until seated snug (by hand only). **(Note:** Lubricate the O-Ring (4) with Lubriplate FGL-2 if needed.)

#### Step 10: Turning on the Water Supply to the Hydrant

Locate the water supply shut-off valve and rotate until water supply is on.

**Z1350 NARROW WALL HYDRANT 3/4" Hose Connection Chart and Graph**

Z1350 Narrow Wall Hydrant – 3/4" Hose Connection				
Static Pressure (psi)	Running Inlet Pressure (psi)	Running Outlet Pressure (psi)	Flow Rate (gpm)	Pressure Drop Across Unit (psi)
10	6.3	0.1	1.5	6.2
20	15.8	0.2	2.9	15.6
30	25.3	0.4	3.8	24.9
40	34.9	0.6	4.6	34.2
50	43.4	0.9	5.1	42.5
60	52.1	1.2	5.7	51.0
70	63.9	1.5	6.3	62.4
80	72.6	1.7	6.7	70.9
90	81.4	1.9	7.1	79.5

