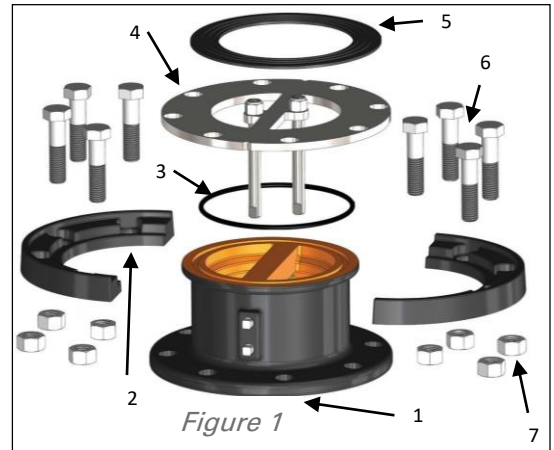


Warning: Failure of proper installation may result in injury or death; not designed to be installed with any other breakaway features: i.e. extensions, bolts, or flanges. No representation or warranties are made by Clow Valve Corporation by providing these instructions.

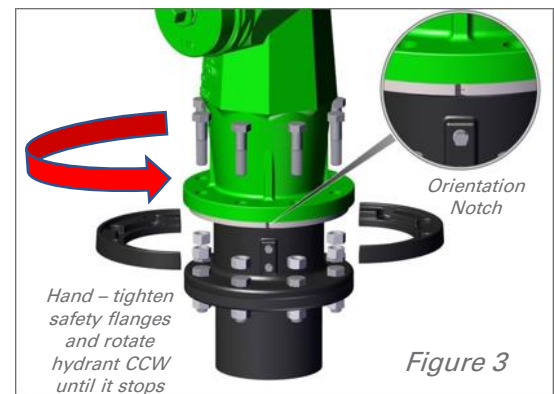
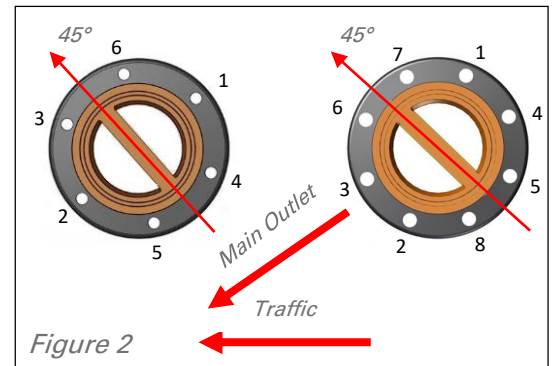
Designed for use on AWWA C503 wet barrel fire hydrants

1. New hydrant installations: ensure the finished grade is approximately 2- 1/2" from the bottom of LP619. Proceed to Step 5.
2. Existing hydrant installations: close the isolation valve and drain the hydrant.
3. Remove hydrant and clean standpipe flange of any gasket material, debris, or corrosion.
4. Place an appropriate gasket (not included) onto the standpipe flange and align all bolt holes.
5. Orient the crossbar of main body assembly (Item 1) one bolt hole offset from the direction of oncoming traffic, approximately 45° (Figure 2).
6. Bolt main body to standpipe and torque to 90 ft-lbs using the pattern shown (Figure 2).
7. Ensure main body O-ring groove is clean. Apply food-grade grease on O-ring (Item 3) and install into groove.
8. Center the retaining plate assembly (Item 4) and align notches with main body plugs (Figure 3).
9. Center the 3-ribbed gasket (Item 5) on retaining plate.
10. If needed, clean the hydrant flange of any existing gasket material, debris, or corrosion.
11. Keep the gasket centered and orient the main outlet as shown in Figure 2 (45° from traffic direction; final alignment is Step 13); set hydrant in place.
12. Place both safety flanges (Item 2) below hydrant flange as shown in Figure 3. Hand tighten Nuts and Bolts (Items 6 & 7).
13. **Rotate the hydrant counterclockwise until it stops to lock the flappers in place.**
14. Torque each of the safety flange bolts 75 – 90 ft-lbs. using the pattern shown (Figure 2).
15. Remove upper-most hydrant cap and open its outlet, open the isolation valve, purge air from the system, close the hydrant's outlet(s), and verify there are no leaks from any of the LP619 joints. Return the hydrant to service.



ITEM #	DESCRIPTION	KIT QTY.
1	Main Body Assembly	1
2	Safety Flange	2
3	O-Ring 364#	1
4	Retaining Plate Assembly	1
5	3-Ribbed Gasket	1
6	Hex Bolt*	8
7	Hex Nut*	8

*Bolt and nut quantities correspond with bolt pattern. Verify complete kit before installation.



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