







GENERAL INFORMATION

⚠ WARNING	
   	<ul style="list-style-type: none"> • Read and understand all instructions before attempting to install this clapper replacement kit. • Always wear eye protection, a hardhat, and foot protection. <p>Failure to do so could result in serious personal injury, property damage, joint leakage, and/or joint failure.</p>

Featured in this instruction is a 2-inch Style 712. However, these steps apply to all sizes of Series 712, Series 712S, and Series 713 Swing Check Valves.

This clapper replacement kit contains:

Quantity	Description of Item
1	Clapper
1	Shaft
4	Spacers/Washers
2	Shaft Plugs

Other items you will need:

- Victaulic Lubricant
- Adjustable Wrench
- Thread Dope/Sealant
- Mild Abrasive Pad
- Torque Wrench
- 1/8-inch Drive Punch

REMOVING THE OLD CLAPPER ASSEMBLY

⚠ WARNING



• Always depressurize and drain piping systems before attempting to disassemble and replace any Victaulic piping products. Failure to follow this instruction could result in serious personal injury, property damage, joint leakage, and/or joint failure.



1. Loosen and remove the two bolts from the coupling.

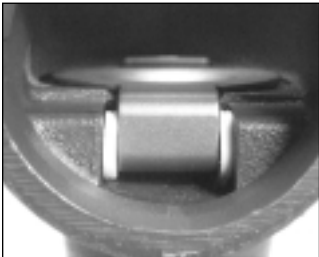


2. Remove the housings.

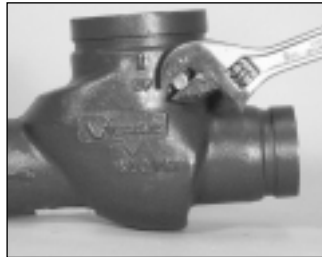


3. Remove the bonnet cap.

4. Remove the gasket from the valve body.



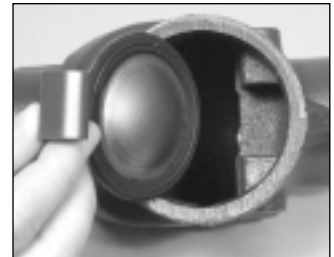
5. Note the current position of the clapper. The gasket side faces the seat, which is opposite the flow arrow stamped on the body of the valve.



6. Unscrew the two plugs from the valve's body. Discard the plugs.



7. Push the shaft out of the body with an 1/8-inch drive punch. Discard the shaft.

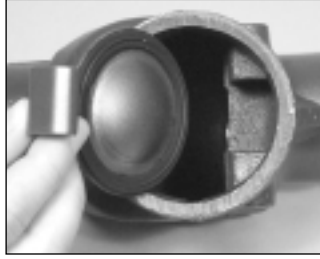


8. Remove the clapper and the four spacers/washers from the body of the valve. Discard the clapper and the four spacers/washers. NOTE: Series 712S stainless steel check valves do not require spacers/washers.

INSTALLING THE NEW CLAPPER ASSEMBLY



1. Clean the seat of the valve with a mild abrasive pad.



2. Place the new clapper into the body of the valve, making sure the gasket side faces the seat.



3. Place two new spacers/washers on each side of the clapper's arm. Insert the new shaft through the valve body, making sure it engages the four spacers/washers and the clapper's arm. NOTE: Series 712S stainless steel check valves do not require spacers/washers.



4. Apply dope/sealant to the two new plugs.



5. Screw the two new plugs into the body of the valve until they contact the shaft. Do not exceed a torque of 15 ft-lbs on the plugs.



6. Lubricate the gasket with Victaulic lubricant.



7. Install the gasket onto the valve body. Make sure the inner seal portion of the gasket contacts the valve body.



8. Insert the bonnet cap into the gasket. Make sure the bonnet cap contacts the inner seal portion of the gasket.



9. Install the housings over the gasket, making sure the key sections engage the bonnet cap and the groove in the body of the valve.



10. Insert the two bolts into the coupling. Apply the nuts finger-tight. Using the wrench, tighten the bolts alternately and evenly to 60 - 80 ft-lbs (81 - 109 N•m). Make sure there is complete metal-to-metal contact at the coupling's bolt pads.