

## J-5400 SAFETY FLANGE Replacement Instructions

### INSTALLATION

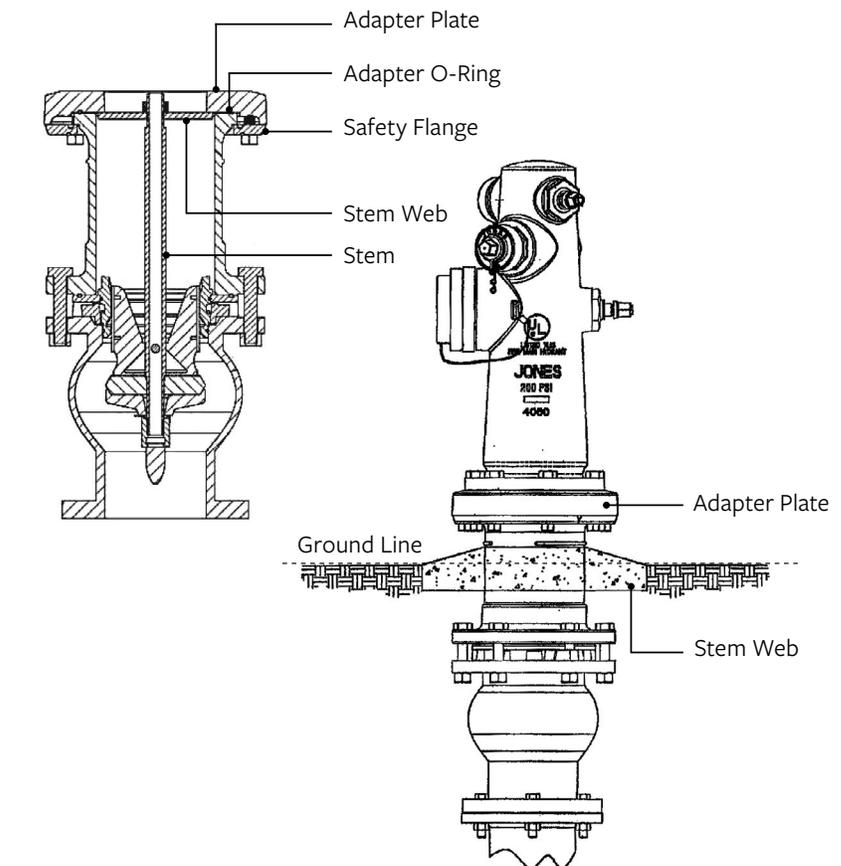
NOTE: All hydrant repairs and maintenance should be performed in accordance with AWWA M17.

**⚠ CAUTION:** Close Gate Service Valve before repairing hydrant.

**A Repair & Replace as needed;** following traffic impact, remove remaining pieces of traffic flange from hydrant adapter plate. Inspect inside of break check for damage and remove any foreign material that may have entered the valve during impact. Inspect threaded studs on bottom of adapter plate and replace as needed. Inspect hydrant for damaged castings, nozzles or stems. Operate the stems through their entire range to ensure the valves function normally and are not difficult to operate.

**B Reassemble;** re-set break check valve into the open position by pushing stem and web bar downward. Using a thick food grade grease to hold O-ring in place, set hydrant and adapter plate onto break check valve. With adapter plate centered, attach safety flange using 8, 5/8-11 nuts. Torque safety flange nuts to 70-90 ft-lbs.

**C Return to Service;** with top valve slightly open, slowly open gate valve to restore water to the hydrant. When all air has evacuated from hydrant, water



will begin to come out of top nozzle. Firmly seat top valve.

**D Final Inspection;** inspect hydrant casting, joints and stems for leakage. If leakage is present, repair as needed. Flushing the hydrant following traffic impact is recommended to remove any foreign material and ensure break check valve is re-set.

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