

PRAHER VAVLES



**SINGLE UNION BALL VALVE WITH PINS
SERVICE MANUAL**

STEP 1: DEPRESSURIZE THE SYSTEM BEFORE SERVICING THE VALVE TO PREVENT INJURIES FROM OCCURRING!

STEP 2: UNDO THE UNION NUT BY TURNING COUNTER CLOCKWISE.



STEP 3: REMOVE THE SOCKET.



STEP 4: REMOVE THE O-RING.



STEP 5:

USING THE YELLOW SPARE PIN CLIPPED TO THE TOP OF THE RED HANDLE, PUSH THE TWO YELLOW PINS THAT HOLD THE VALVE ASSEMBLE TOGETHER OUT OF THE VALVE BODY. HAVE THE VALVE IN OPEN POSITION FOR THIS TASK. THE TWO PINS ARE EXPOSED SLIGHTLY WHEN YOU LOOK AT THE VALVE BODY THREADS.



STEP 6: THE VALVE INTERNALS CAN NOW BE EXTRACTED FROM THE VALVE BODY.



STEP 7: REMOVE THE BALL SEAT.



STEP 8: REMOVE THE BALL.



STEP 9: REMOVE THE SECOND BALL SEAT LOCATED INSIDE THE VALVE BODY.



STEP 10: REMOVE THE RED HANDLE BY PULLING IT UPWARDS.



STEP 11: REMOVE THE STEM BY PUSHING IT TOWARDS THE INSIDE OF THE VALVE HOUSING.



STEP 12: THE VALVE IS NOW COMPLETELY DISASSEMBLED. BEFORE REASSEMBLY CHECK THE VALVE STEM, BALL AND BALL SEATS FOR ANY DAMAGE AND LUBRICATE THE O-RINGS ON THE STEM AND THE BALL SEATS.

STEP 13: IT IS VERY IMPORTANT TO CORRECTLY INSTAL THE BALL SEATS OR LEAKING WILL OCCURE. THE SECOND SEAT REMOVED WILL BE THE FIRST SEAT INSTALLED. ENSURE THE ROUNDED SIDE OF THE BALL SEAT IS FACING THE BALL.



STEP 14: AGAIN FOR THE FIRST SEAT REMOVED ENSURE THE ROUNDED SIDE IS FACING THE BALL. THIS SEAT ALSO HAS AN O-RING ATTACHED TO ITS BOTTOM, IF THE O-RING IS FACING THE BALL THEN THE SEAT MUST BE REVERSED.



THE END



**Praher Canada
Products
Ltd.**

101 SAUNDERS ROAD
BARRIE, ONTARIO
L4N 6E7
TEL (705) 725-1100
FAX (705) 725-0444