## **REPAIR INSTRUCTIONS: HT-Series Coupler**



Valid for part numbers: 2HT, 3HT, 4HT, 5HT, and 6HT

NOTE: Wear the proper protective equipment at all times to protect the eyes and hands. Read all instructions prior to beginning.

## **Step 1: Disassembly Procedure Step 3: Seal Installation Step 2: Seal Removal** To repair the coupler, first remove To disassemble, depress the Generously lubricate the seal the adapter from the body. Clamp gland and remove retaining contact surfaces in the parts. the adapter in a vise. Then unballs. Back-up ring torque body using a pipe wrench, Gland 0-ring avoiding contact with the sleeve. 100 0 0 001 Sleeve Pipe wrench 00 Back-up ring O-rina Contact Adapter NOTE: Remember 0-rina Remove all seals being careful the particular order CAUTION!! Spring and/or other not to scratch the metal NOTE: Lubricant must be NOTE: Clean metal of components NOTE: Install o-ring compatible with seal and components may eject suddenly surfaces, avoid damage to the and back-up ring in when parts are components as upon thread disengagement! threaded areas. application fluid. removed. order as shown. necessary. Step 6: Torque Rebuilt Coupler Step 4: Valve Assembly **Step 5: Final Assembly** Install socket valve as shown Now install remaining internal Factorv Clamp pipe wrench into vise Spina then place coupler into pipe over the stem and in the components in order shown. recommended wrench in the area shown Sealing Surface direction shown, carefully toraue Adapter push over seal until flush, then specifications below. Then, torgue the add the spring and the gland. adapter to recommended 90 0 00 0-ring Torque Depressing the gland will allow torque specification. **Body Size** (ft.-lb.) the retaining balls to be added. Valving 2HT 45-55 Valve stem 3HT 45-55 4HT 65-75 Plunger Body Sealing Surface 5HT 75-85 6HT 75-85 Sleeve NOTE: Hand tighten NOTE: Lubricate the Verify the plunger Test assembly by connecting/ adapter to body 00 out/inside diameter and it's spring are NOTE: O-ring must be installed before placing in disconnecting still in positionas of sealing surface Socket valve Gland onto adaper before assembling. pipe wrench. product and leak testing. valve as shown. shown above.

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