CleanSpray® XT System Startup Nordsol Three-Way Valve Pump Head Fluid Gauge "A" Pressure Relief Valve Ep2 Oil P/N 1049265 Set @ 450/500 psi Set @ 750/800 psi Change after first 100 hours, Check every month then every 1000 hours Three-Way Valve CleanSpray 5-ft Siphon Hose Siphon Rod **Electrical Control Cabinet** Two-Way riming Valve Dual Filter System with .002" .006" Stainless Steel Stainless Steel Screen Assemblies 1.0 GPM EP Pumping System Strainer P/N 713186 Drain-off Rod Return Rod P/N 161344 Clean every 6 months RUN Switch and replace #2 One switch #1 screens every 6 months for each gun STEP 1: Purge Air from the Pump Head 1. Insert the drain rod into the waste bucket. One set for each gun 2. Insert the siphon rod and the return rod Waste Plastic H2O Supply Tank into the supply tank. with Lid Waste Manual Purge 3. Open the two-way priming valve. (5 gallons distilled Pre-amplifier Special Three-Way Push Button (at Spray 4. Turn on the pumping system motor. H₂O, pH 6-8) Large Filter Machine) 5. Watch the drain-off rod. When a solid T-Filter with Check every month with 15 Micron Element stream of water flows from the rod with P/N 1084992 Pressure-Reducing Regulator 15 Micron Element P/Ns 159908 & 179367 Set @ 250/300 psi no air bubbles, proceed to Step 2. Replace filter element Replace element & gasket every 6 months Rebuild with Gun Drive Cables P/Ns 106379 & 188035 every 3 months STEP 2: Purge Air from Dual Filter #1 every 6 months Back-Pressure CleanSpray XT Gun 1. Turn the three-way valve "A" so water Pressure Regulator with Nozzle flows through Dual Filter #1. P/N 1067825 Rebuild with Replace Nozzle P/N 1060240 2. Turn the three-way valve "B" so water every 6 months every 6 months flows toward the special three-way primary valve. Dual Fixed Orifice Fluid Gauge Manifold 3. Turn the special three-way priming valve Two-Way Valve "C" Block so water flows to the supply tank. STEP 5: Purge Air from the Large Filter, 4. Close the two-way priming valve. Spray Gun C/O Plate P/N 247707 T-Filter with Pressure-Reducing Regulator, Two-Way Valves 5. Watch the return rod. When a solid Replace every 6 months Dump Valve 230 Micron Element and the Fixed Orifice Block stream of water flows with no air bubbles, P/Ns 169636 & 179367 1. Open the pressure-reducing regulator Replace element & gasket proceed to Step 3. fully counterclockwise, then turn the knob every 3 months Fixed Orifice Restrictor clockwise 5 turns. P/N 1064275 STEP 3: Purge Air from Dual Filter #2 2. Close the two-way valve ahead of each Replace restrictor 1. Open the two-way priming valve. spray gun. every 6 months 3. Open the fixed orifice dump valve. 2. Turn the three-way valve "A" so water 4. Open the two-way valve "C". Allow flow through Dual Filter #2. 1 or 2 gallons of water to empty. 3. Turn the three-way valve "B" so water 5. Close the fixed orifice dump valve. flows toward the special three-way STEP 7: Purge Air from the Spray Gun ∠ Spring P/N 1086058 6. Watch the return rod. When a solid Sets (Two Guns per Set) priming valve. Replace every 3 months stream of water flows with no air bubbles, 1. Open the dual-manifold dump valve 4. Close the two-way priming valve. proceed to Step 6. ahead of a set of guns. 5. Watch the return rod. When a solid 2. Open the two-way valve for the set and stream of water flows with no air bubbles, STEP 6: Set the Back-Pressure Regulator allow about one gallon of water to proceed to Step 4. and the Pressure-Reducing Ball and Seat Kit Regulator Replace every 6 months 3. Close the dual-manifold dump valve. 1. Turn the back-pressure regulator STEP 4: Purge Air from the Back 4. Actuate each spray gun without nozzles. clockwise until the fluid gauge "A" reads Pressure Regulator Put the RUN/FLUSH switch to FLUSH 500/600 psi. 1. Open the back-pressure regulator fully position. Push and hold the Manual 2. Turn the pressure-reducing regulator counterclockwise. Purge Push-Button for 5-10 minutes. clockwise until fluid gauge "B" reads 2. Close the two-way valve "C". 5. Install the nozzles and push and hold 300/325 psi. the Manual Purge Push-Button for 3. Turn the special three-way priming 3. Check the return rod. A solid stream 5-10 minutes. valve so water is flowing through the water should flow with no air bubbles. 6. Repeat Steps 1-5 for the remaining sets back-pressure regulator. Run the system for 30-60 minutes. If of spray guns. 4. Watch the return rod. When a solid the pump operates roughly or air bubbles 7. Put the RUN/FLUSH switch back to the

RUN position.

stream of water flows with no air bubbles.

proceed to Step 5.

are still present, repeat Steps 1, 2, and 3,

then proceed to Step 7.