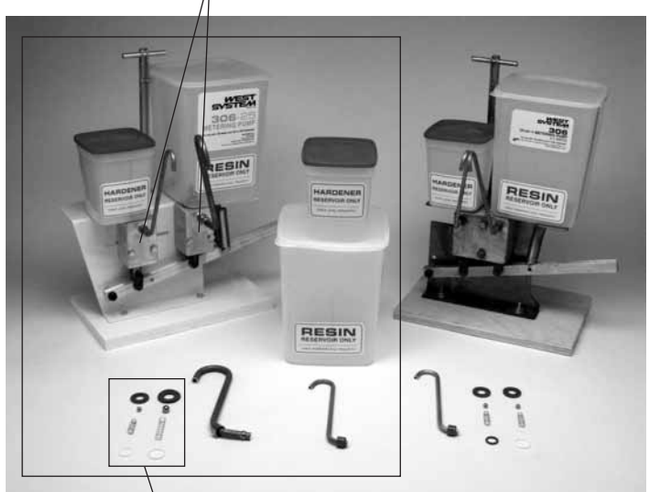
306-KIT Rebuild Kit

306-23 & 306-25 Metering Pumps

Model A type epoxy metering pumps sold after June, 2005, (identified by separate resin and hardener pump bodies).

Pump and parts identification



Rebuild Instructions

Step 1—Clean pump

Drain resin and hardener reservoirs. Rinse hardener reservoir with warm water and dry. Rinse resin reservoir with acetone or laquer thinner and dry.

Step 2—Remove High-rise Spouts

Step 3—Remove Reservoirs

Unscrew intake valves. Use ½" 12pt deep socket for Hardener valve, 5/8" for Resin valve.

Step 4—Remove handle and links

Step 5—Remove pump bodies

Note the pump body bolt locations on the ratio position plate.

Step 6—Remove Tube Connectors, springs and balls

Step 7—Remove pistons and O-rings

Clean parts to remove residue. Soak resin and 306-23 hardener (3:1 ratio) pump body, connectors, pistons and intake valve in solvent. Soak 306-25 hardener (5:1 ratio) pump body connectors and pistons and intake valve in hot water. Inspect pistons for pitting. If necessary sand pistons with emery cloth to remove pits.

Step 8—Install new Exhaust Springs and Balls

Step 9—Re-install Tube Connectors

Step 10—Install new O-ring seals

Use wooden dowel to seat O-rings to avoid damage to rings or pistons. Lubricate seals and pistons with petroleum jelly.

Step 11—Re-install pistons

Step 12—Re-install pump body

Note 3:1 and 5:1 bolt locations on the ratio position plate.

Step 13—Re-install handle and links

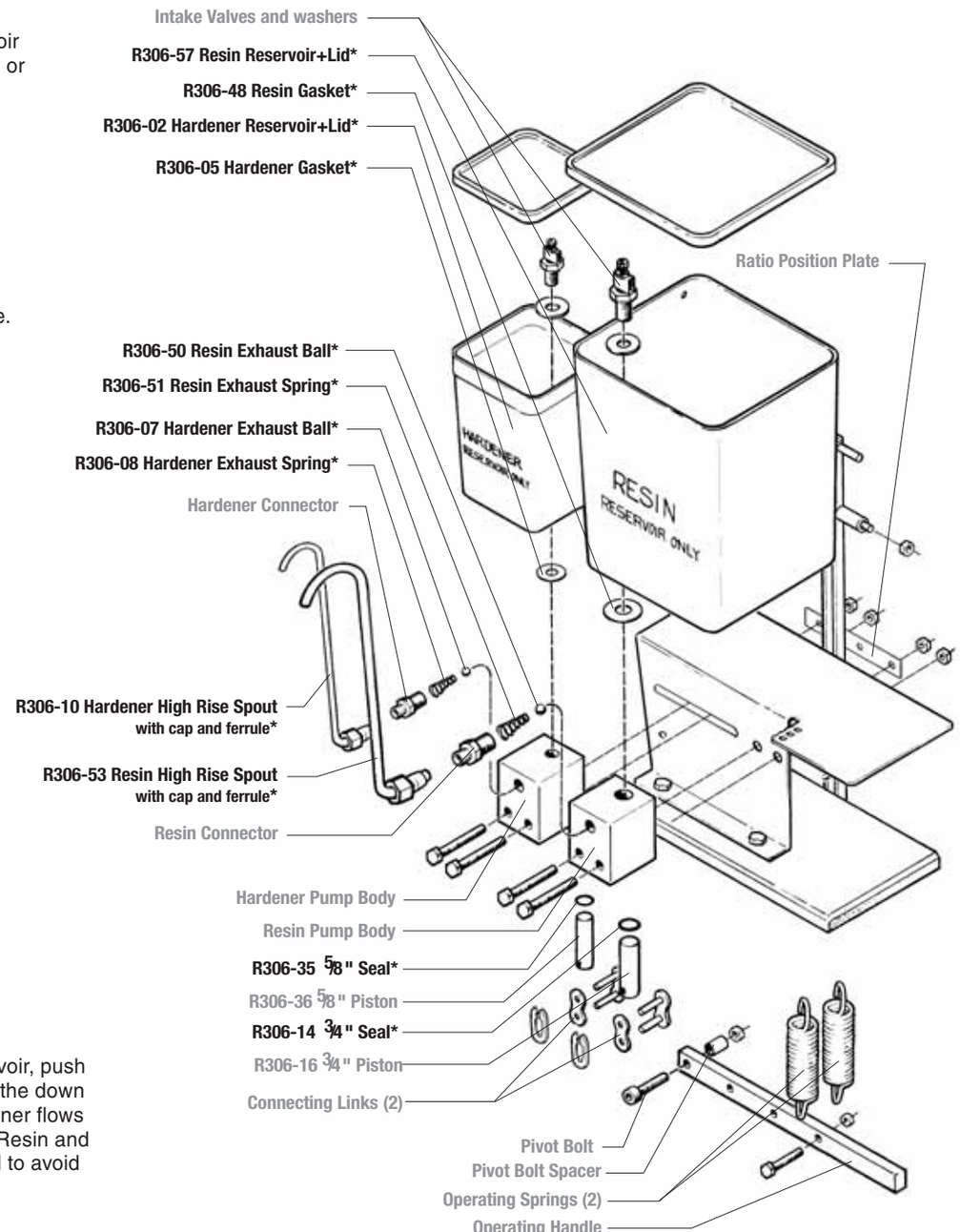
Step 14—Install new Reservoirs and Gaskets

Step 15—Install new High-rise Spouts

Step 16—Fill and prime pump

Prime Hardener side first to reduce waste. After filling reservoir, push the intake valve down with a stick while pumping handle on the down stroke only. Release on the up stroke and repeat until hardener flows through the spout. Use the same procedure for Resin side. Resin and hardener can be returned to the proper reservoir. Be careful to avoid cross-contamination with sticks and mixing cups.

Assembly diagram (* = parts included in rebuild kit)



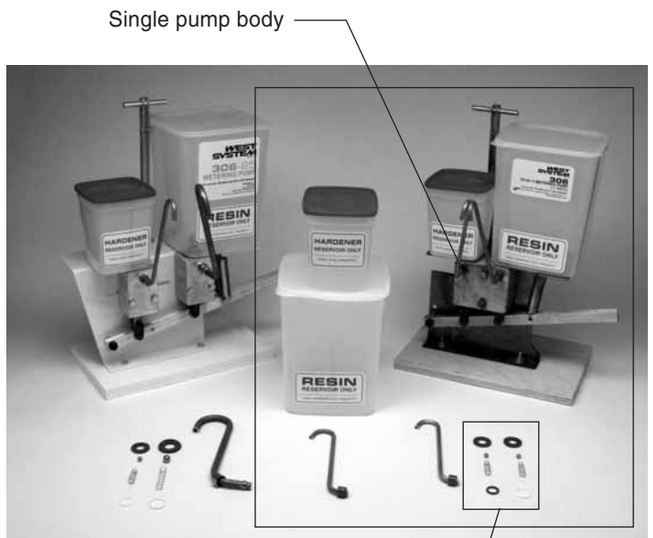
R60-037

306-KIT Rebuild Kit

306 & 306-3 Metering Pumps

Model A type epoxy metering pumps sold before June, 2005 ,(identified by a single resin/hardener pump body).

Pump and parts identification



Rebuild Instructions

Step 1—Clean pump

Drain resin and hardener reservoirs. Rinse hardener reservoir with warm water and dry. Rinse resin reservoir with acetone or laquer thinner and dry.

Step 2—Remove High-rise Spouts

Step 3—Remove Reservoirs

Unscrew intake valves. Use ½" 12pt deep socket.

Step 4—Remove handle and links

Step 5—Remove pump body

Step 6—Remove Tube Connectors, springs and balls

Step 7—Remove pistons and O-rings

Clean parts to remove residue. Soak resin pump body, connectors, pistons and intake valve in solvent. Soak hardener pump body connectors and pistons and intake valve in hot water. Inspect pistons for pitting. If necessary sand pistons with emery cloth to remove pits.

Step 8—Install new Exhaust Springs and Balls

Step 9—Re-install Tube Connectors

Step 10—Install new O-ring seals

Use wooden dowel to seat O-rings to avoid damage to rings or pistons. Lubricate seals and pistons with petroleum jelly.

Step 11—Re-install pistons

Step 12—Re-install pump body

Step 13—Re-install handle and links

Step 14—Install new Reservoirs and Gaskets

Step 15—Install new High-rise Spouts

Step 16—Fill and prime pump

Prime Hardener side first to reduce waste. After filling reservoir, push the intake valve down with a stick while pumping handle on the down stroke only. Release on the up stroke and repeat until hardener flows through the spout. Use the same procedure for Resin side. Resin and hardener can be returned to the proper reservoir. Be careful to avoid cross-contamination with sticks and mixing cups.

Assembly diagram (* = parts included in rebuild kit)