



# Preventative Maintenance Instructions SMT600/1100/2000 Systems with CAT Pumps

**800-548-3373**

The following preventative maintenance tasks should be performed every 90 days or as needed for Models, 600, 1100 and 2000 SMT Pressure Cleaning Systems.

• **Caution: Before performing Preventative Maintenance:**

1. Disconnect Electrical Power from your SMT pressure washer.
2. Relieve line pressure by squeezing the trigger on spray gun.
3. Shut off the water supply to pressure washer.

You have one of these Preventative Maintenance Kits:

300-3619 Kit, Preventative Maintenance, 2000 (CAT Pump)  
300-3618 Kit, Preventative Maintenance, 600 & 1100

The following parts are provided in your preventative maintenance kit.

Item Number	Description	Quantity
300-3543	Oil, Hydraulic 21 oz. Bottle	1 or 2
300-3623	Filter Replacement, 5 Micron	1
300-2695	O-ring, Rubber, 4"	1
300-2714	Lubricant, Petroleum Jelly, tube	1
300-3010	Decal, Oil Change	1

## Preventive Maintenance Procedures:

### Filter: Replacing Filter

- A. Remove and replace the filter by unscrewing the filter bowl from the filter housing.
- B. Replace the O-ring and fully lubricate before reinstalling the filter bowl back into the filter housing.  
**Caution: Do not over-tighten filter bowl. Very little torque is required to reinstall bowl.**
- C. Tighten filter bowl only until O-ring just contacts filter housing, then tighten ¼ turn more to allow proper sealing. Continue to tighten only as necessary to stop leaks.

### Oil Change: To change pump oil:

- A. Clean the area around the oil plugs at the top and bottom of the pump.
- B. Remove drain plug and drain the entire oil crankcase.
- C. Examine the drained oil for metal filings. Metal filings are an indication of wear. Oil may need to be changed more frequently and pump may eventually need to be replaced.
- D. After the oil has completely drained, reinstall the drain plug and tighten snugly. Do not over tighten.
- E. Remove vented cap and add oil until oil level is slightly above the Red Dot in the middle of the sight glass. Reinstall vented cap and tighten snugly. Do not over tighten.  
**Note: If RED VENTED CAP is broken or missing replace with Item #300-3545**
- F. Fill in next service Due Date on decal and attach to the pump for next scheduled maintenance inspection.  
**Note: Check for leaks while the system is running.**

### Mineral Build-up Flush: using Lime Away

1. Connect a hose and spray gun to any remote station.
2. Turn the water supply on. Check for leaks at the Filter housing.
3. Remove the cover from the float tank.
4. Pour 8 ounces of Lime Away into the full float tank.  
**Note: If the bulb screen filter inside the float tank on the output port is extremely clogged or missing, replace with item# 300-3625**
5. Turn power on at any Remote Station. Allow to run for 5 to 10 minutes, circulating the Lime Away through the pump.
6. Insert the loose end of bleeder valve drain hose into the tank and hold in place while opening the Bleeder Valve. Allow the system to run for approximately 5 to 10 minutes recirculating the Lime Away solution back into the float tank.
7. Close bleeder valve and remove bleeder valve hose from tank. Replace tank cover.
8. At any remote station, operate the spray gun for approximately 5 minutes to flush the Lime Away solution from the system.

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