

# Service Bulletin: MART Power Washer

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## Subject: Service Schedule

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The MART Corporation

Your MART Power Washer comes with a maintenance Service Schedule on the front of the electrical-control panel door. If you no longer have a schedule, please contact MART for the current recommended schedule. The following gives you a standard Maintenance Schedule based on hours of operation. Be sure that people performing maintenance are qualified and trained for the task.

### Every 8 Hours of Operation:

*Inspect and clean the Wash Pump Intake Filter.*

Remove front reservoir cover and clean filter with a stiff-bristle wire brush. Run the brush across the top, back and right-hand side of the filter to remove sludge and other materials. Replace reservoir lid.

Grease *Turntable Bearings* with Lubriplate 1444.

Grease *PBM Swivel* with Lubriplate 1444.

**Note:** If you have CYCLONE 30 or TORNADO 40 with a sealed turntable bearing. Lubrication is only required every 1100 hours with Lubriplate 1444.

### Every 40 Hours of Operation:

*Inspect PBM Nozzles.* Inspect the PBM Wash Nozzles for clogging. Remove nozzles and lean if required. Verify that your pump suction filter is properly in place and not damaged to prevent further clogging.

*Test Chemical Concentration: Perform a titration test to check your chemical concentration.* Titration kits supplied with cleaning compounds use a reactant, and a neutralizer. The indicator turns red, pink, or blue when added to a sample of solution. By counting the drops of neutralizer it takes to turn the solution back to its original color, you can make an estimate of the chemical concentration.

Titration Testing Guidelines are as follows.

- Perform a titration test weekly.
- Contact your chemical supplier for test kit.
- Use a kit designed specifically for your chemical.
- Follow test kit instructions.
- Add chemical based on the results of the test.

**Call MART for information on titration test kits for all POWER KLEEN Chemicals. POWER KLEEN Chemicals are specifically formulated for use MART Power Washers.**

### Every 160 Hours of Operation:

*Check PBM rotation:* To inspect, turn the main power supply OFF. Disconnect the PBM linkage from the PBM upper bearing shaft. Push the manifold back and forth. If it does not move freely, and you have been greasing the swivel regularly, you may need to adjust the swivel jam nut.

*Clean Air Intake on Burner Blower Motor.* Clean the air intake on the burner blower motor (natural gas, LP gas) with a compressed-air blower or a soft brush, in order to remove dust and dirt.

*Measure the Amperage Draw at Wash Pump(s).* Measure and record the amp draw from the wash pump motor(s), using a clamp on amp meter. **Caution! Be sure that only a qualified electrician performs this maintenance task!** If the actual amperage draw reading exceeds your baseline reading taken when your washer was installed inspect your nozzles for wear. If worn replace nozzles.

Grease the *Turntable Drive Bearings* with Mobilith AW2.

Grease the PBM Upper Manifold Bearings with Mobilith AW2.

NOTE: Do not use any other grease type than the type specified for all applications. **Lubriplate 1444** for turntable bearings and PBM Swivel and Mobilith AW2 for the remaining grease locations (pump motor, pump bearings, turntable drive bearings, upper PBM manifold bearing). Using the wrong grease type can damage the bearings and void your warranty. MART has thoroughly tested various greases and determined the optimum type for each use. MART stocks both types of recommended greases for immediate delivery.

**Every 1100 Hours of Operation:** Call the MART Corp. Service Dept. for details of recommended service items.

For MART Technical Services call:

**1-800-543-MART**

Monday-Friday 7:00am to 5:00pm (central)

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