

Service Bulletin: MART Power Washer

MART Tech Services

How Do I Get A Better Rinse?

The Automatic Rinse Cycle (ARC) which uses waterline pressure is a unique fresh water rinsing system. It provides a fresh hot water rinse after the wash cycle to remove any remaining wash chemical.

Steam is pulled out of the washer cabinet during the wash cycle by the Steam Exhaust Blower allowing the rinse water to become make up water. Along with water fill, rinse water is also used to replenish what is lost from evaporation and drag out. In terms of rinse cycle time, water loss takes priority. The amount of water required for make up is determined by adjusting the automatic rinse cycle timer (ARC) located in the electrical control panel.

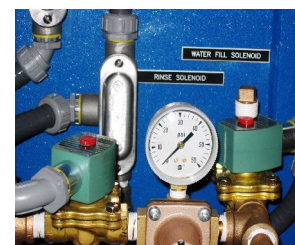


The MART optional rust inhibitor injection pump mixes a measured amount of [Power Kleen](#) rust inhibitor directly in the rinse water during a rinse cycle. A control allows accurate adjustment of the flow rate. Rust Inhibitor prevents flash rusting and provides short term rust protection for your cleaned parts. If your washer is not equipped with a rinse inhibitor pump, one can easily be retro-fit.



To get a better rinse, check the following;

- ✓ Verify that the rinse nozzles are not clogged and are aimed properly to hit the wash load.
- ✓ Make sure the water supply is turned on at the washer and verify that the rinse solenoid is opening during rinse.
- ✓ Lower rinse pressure to 20-30 PSI. Lower water pressure often rinses by providing larger water droplets which cling to the parts and drain downward. High water pressure creates a mist that tends to bounce off the parts.
- ✓ Switch to a better wash chemical that is easier to rinse. Sodium based wash chemicals are more difficult to rinse than potassium based chemicals.
- ✓ Reduce the amount of wash chemical you are using so it is easier to rinse. Using the minimum amount of chemical to achieve the required cleaning results will save money, extend bath life, and improve rinsing.
- ✓ When loading parts for washing, check that the parts are oriented so the wash solution and rinse water drain back to the reservoir.
- ✓ Consider operating at a higher temperature in order to evaporate more water during the wash cycle.
- ✓ Be sure that the Automatic Steam Exhaust (ASE) is removing steam.



For further information please contact
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