

Service Bulletin: MART Power Washer

MART Tech Services

Rinse Chemical Injector Pump

An optional feature on MART Power Washers is the Rinse Chemical Injector Pump. The pump mixes Rust Inhibitor chemical with the rinse water so your parts are protected from flash rusting after the rinse cycle. The chemical injector pump has



Typical Rinse Chemical Injector Pump mounted on MART

an adjustment for the amount of a rust inhibitor chemical mixed into the rinse water. The adjustment determines the rate that the rust inhibitor is mixed into the rinse water during each minute of the rinse cycle.

The rinse injector is not designed to

maintain the wash chemical concentration in your washer. Do NOT use the pump to maintain wash chemicals in the machine. Doing so will leave wash chemicals on your rinsed parts.

The injector pump also is useful to protect the steel cabinet of the washer. It will prevent the rinse cycle from removing the corrosion protection on the cabinet walls after the fresh water rinse cycle.



For detailed instructions relating to the set-up and operation of the Rinse Injector Pump, please refer to Advanced Operations, chapter 4, of your MART Power Washer Manual. A copy of the Parts Washer Manual can always be downloaded from our [User SUPPORT Website](#).

MART Engineering recommends the use of [Power-Kleen RI](#) chemical in the Rinse Injector Pump. The non-oily Power-Kleen RI chemical is approved for use in the injector system and is particularly effective at preventing flash rusting on Iron and Steel parts. In addition, RI also prevents rust on your parts for up to about one month after cleaning and until it is time for assembly. It is safe on yellow-metal components and has no effect on subsequent cleaning, painting, or machining operations. RI is extremely concentrated for low cost protection and can be used at concentrations as low as 1/2 ounce per gallon.

Power-Kleen RI
Rust Inhibitor
100% Active Power Washer Chemical
Rust Inhibitor for Steel, Iron and Yellow Metal

DIRECTIONS: For MART Power Washers, start the water at least 100 degrees. Rust inhibitor may be added to the rinse through the chemical injector pump by placing the pump head into the rinse water or container. Make sure the amount of chemical injected into the rinse water is after rinsing. Rinse chemical with chemical and follow. Avoid contact with skin and eyes. Clean the nozzle after use. Do not dilute with water or other liquids. This chemical may also be used on the part to be cleaned. Do not use on aluminum.

HANDLING AND STORAGE: Read and follow all warning labels and read Material Safety Data Sheet (MSDS) for this material. In case of chemical spill, avoid or remove as and safety remove from site. Flush remaining material in spill area with water and stop at. Do not use contaminated water on skin or in the water. **USE CAUTION WHEN HANDLING CHEMICAL.**

PREPARE: Add 1/2 ounce of product immediately with water or air with water for at least 10 minutes while wearing contaminated clothing and shoes. Get medical attention if burns, irritation or other injury. If needed, move to fresh air. Do not breathe, get artificial respiration. If breathing is difficult, give oxygen. Seek medical attention immediately. If swallowed, do not induce vomiting. Seek medical attention immediately. If contaminated, drink large amounts of water. Avoid eye splashing. If result is an unconscious person, avoid clothing before rescue. Cleanly contaminated shoes.

FOR INDUSTRIAL USE ONLY - KEEP OUT OF THE REACH OF CHILDREN



The [Rinse Injector Pump](#) is an option on all MART Washers or can easily be retrofitted to your existing MART. Please contact MART Tech Services for further details.

Item	Part Number
Chemical Injector Assembly:	# 71538
Power-Kleen RI 5 gallons:	# 52837
Power-Kleen RI 55 gallons:	# 52838