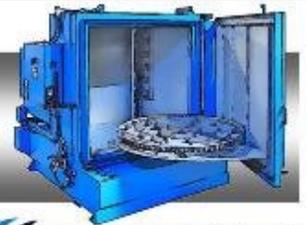


Did You Know...

information you can use



STINGRAY
Parts Washers

Are Your Parts Getting Clean?

Do you find that your parts are not getting as clean as they once did? Check and adjust the following items to maximize the cleaning efficiency of your STINGRAY® Parts Washer.



Power Blast Manifold The PBM pivots on its vertical axis, driven by two cranks, a linkage and a gear motor. The drive oscillates the Manifold back and forth every ten seconds, throughout the wash cycle. The movement of the Manifold is not synchronized to the speed of the turntable so that the wash load is blasted from a unique angle each time it passes the nozzles. Verify that your PBM is oscillating with this simple test. During a wash cycle, carefully watch the wash manifold shaft on top of your machine to make sure it is rotating.

Turntable Rotation The turntable is mounted on a support arm extending from the washer door. During the cleaning cycle the turntable is rotated by the turntable drive assembly that controls its speed. The drive assembly has a clutch to allow table slippage if the wash load shifts and jams the turntable. To achieve



optimum cleaning, it is critical that the turntable rotates during the wash cycle. Check to make sure that the lower part of the turntable drive shaft below the clutch is turning during a wash cycle.



Wash Nozzles One of the most common factors resulting in poor cleaning results is worn wash nozzles. Nozzle wear not only affects cleaning results but it can also cause overloading of the pump motors. Even though the opening diameter of each nozzle is larger than the openings in the pump suction filter, nozzles can still get clogged and need to be cleaned regularly. The PBM nozzle orientation is engineered to allow each nozzle to blast on its own plane and not interfere with the blast from other nozzles. This ensures that virtually all of the blasting force reaches the parts. To inspect your nozzles do three things. First, inspect the nozzles and make sure that they are open and clean. Second, during a wash cycle measure your pump motor amp draw. If the pump is drawing more amps than the full load amps multiplied by the service factor that is stamped on the pump motor name plate, or if you are experiencing nuisance tripping of your pump motor overloads, replace the nozzles with a new set of the same size and type. Nozzles are available from MART Tech Services. Third, align the "V" slot in each nozzle with the punch marks on the PBM as shown on the photograph above.

MART
TECH SERVICES

MART Tech Services
(800) 543-6278 Phone
(314) 567-6318 Fax
service@marttechservices.com
www.marttechservices.com

Service and Support

Our offices are open from
M-F 8AM to 5PM CST
or visit our websites for a variety of resources

2450 Adie Road
Maryland Heights, Missouri 63043 USA

STINGRAY
Parts Washers

STINGRAY Manufacturing, LLC
(314) 447-9000 Phone
(314) 447-0909 Fax
sales@stingraywash.com
www.stingraypartswasher.com