

1. Service Schedule

Your washer comes with a maintenance *Service Schedule* along with the StingRay Parts Washer Manual located in a white pouch inside of the main electrical-control-panel. The following figure shows part of the schedule, organized by hours of washer operation or length of time. Maintenance procedures for items in the schedule follow and are grouped by washer systems and assemblies. *Use the **Hour Meter** on the washer's control panel to schedule maintenance by hours of operation or length of time.*

Service Schedule		
Frequency	Date	Technician
8 Hours (At the end of every shift)		
Wash Pump Intake Filter (inspect/clean)	_____	_____
Turntable Bearings (grease; Lubriplate 1444) (All machines except SR 30's and SR 40's with Turntable Hubs)	_____	_____
PBM Swivel Joint (grease; Lubriplate 1444)	_____	_____
Sludge Level (monitor)	_____	_____
SHIM Fold Down Arm Swivel Joint - Option (grease; Lubriplate 1444)	_____	_____
SHIM Manifold Selector Valves & Handle - Option (operate between Short & Full positions)	_____	_____
40 Hours (Weekly)		
Chemical Concentration (test/record)	_____	_____
Auto-Lubrication - Option (inspect/refill)	_____	_____
Filtration – Option (inspect/replace)	_____	_____
Oil Skimmer Wheel & Frame – Option (inspect/clean)	_____	_____
Pure Rinse RO System - Option (inspect/flush)	_____	_____
160 Hours (Monthly)		
PBM & Rinse Nozzles (inspect/monitor)	_____	_____
Air Intake - Burner Blower Motor (clean)	_____	_____
Sludge Scraper Chain Tension – Option (inspect/tighten)	_____	_____
Sludge Scraper Wiper Blade – Option (inspect/adjust)	_____	_____

Oil Coalescer Pack, Chamber & Float Ball – **Option** _____

(inspect/clean)

1100 Hours (6 Months)

(SR 30 & SR 40) Turntable Hub Assembly _____

(grease; Lubriplate 1444)

Slip Clutch/Torque Limiter (inspect) _____

PBM Swivel 2-1/2" Jam Nut (inspect/adjust) _____

PBM Manifold & Nozzles (flush) _____

Voltage at Power Distribution Block (measure) _____

Amperage Draw at Wash Pump(s)(measure) _____

Turntable Drive Bearings (grease; XHP222) _____

Upper Manifold Bearing (grease; XHP222) _____

Door Bearings (grease; XHP222) _____

Wash Pump & Pump Motor (grease XHP222) _____

Wash Pump Couplings (inspect) _____

Oil Skimmer Wheel Bearings (grease; XHP222) _____

Solution Control – Float Ball & Rod (inspect/clean) _____

Water Solenoid Valves (inspect/clean) _____

Incoming Fresh Water Y Strainer (inspect/clean) _____

Air Intake – Steam Exhaust Blower Motor (clean) _____

Sludge Scraper Take-up Bearing – **Option** _____

(grease/XHP222)

VFD Heat Sink - **Option** (inspect/clean) _____

HABO Heating Element & Air Discharge Nozzles _____

– **Option** (inspect/clean)

Center Probe Teflon Bearing Plate - **Option** (inspect) _____

Center Probe Chain & Lift Pin – **Option** (oil/inspect) _____

Jib Crane Bronze Washer – **Option** (inspect) _____

Solution Clean-out

(1 Month, 3 Months or 6 Months - which will vary depending on your cleaning process, type of parts, amount of soils being removed and reservoir sludge depth)

Heating System (Electric Elements, Gas or Steam _____

Heat Exchanger) – (inspect/clean)

Wash Pump Intake Filter (inspect/clean)	_____	_____
Sludge Dam Filter (inspect/clean)	_____	_____
Thermocouple (inspect/clean)	_____	_____
Rinse Heat Exchanger & Manifold (inspect/clean)	_____	_____
Solution Control Reservoir (inspect/clean)	_____	_____
Oil Skimmer/Surface Scraper Reservoir - Option (inspect/clean)	_____	_____
Oil Coalescer Reservoir & Float Ball – Option (inspect/clean)	_____	_____

Fig. 0 - 1: Service Schedule

For more details about any of the maintenance tasks above please review this chapter (all standard features) or Chapter 7 Options (labeled with **Option** above) which has subsections for each individual option to help you with operation, maintenance and troubleshooting.