



Tommy Car Wash Systems | 581 Ottawa Ave # 300 | Holland, MI 49423 | Tommycarwash.com/Support

Tommy Maintenance Interval

Over/Under Conveyor		
Check chain for stretch - take link out when needed	15,000/monthly	
Inspect roller up fork, alignment, take up drum	15,000/monthly	
Inspect hydraulic hoses	100,000	
Replace chain sprocket	100,000/annually	If needed
Replace chain and rollers	200,000	If needed
Roller up tape switch maintenance	200,000	If needed
Replace roller up air cylinder	200,000	If needed
Inspect and replace takeup section	400,000	If needed
Hydraulic drive motor replacement	500,000	
Inspect center deck - replace if applicable	600,000	
Replace wear strips on top deck	600,000	
Dual Belt		
Clean V trough drains with bay wash gun, blast out all dirt	Nightly	If you have a reclaim system consider to utilize a flush system
Grease 8 belt bearings (Don't overgrease)	5,000/weekly	If bearing seal is broken, water/dirt will get in and cause failure.
Grease chain couplings at drive end	15,000/monthly	Axle grease/or white lithium spray
Inspect belt for alignment on rollers	15,000/monthly	
Inspect transfer plates	15,000/monthly	
Inspect the return rollers to make sure they are rotating and aligned	15,000/monthly	
Inspect belt tension, take out link as needed	15,000/monthly	
Inspect all flights and side of belt	15,000/monthly	
Inspect the sprockets	15,000/monthly	Worn sprockets will lead to excessive belt wear
Inspect the take up drum for damage/wear	15,000/monthly	Worn take up drum will lead to excessive belt wear
Peel back belt for inspection of glide plates.	20,000/60 days	Look for worn or damaged sections and replace them before they fail. Failure will destroy belt quickly
Inspect the underside of the belt pockets for wear	20,000/60 days	
Inspect entrance and exit end deck plate	50,000	This will extend the life
Clean entire pit and pit drains	50,000	Weekly cleaning will provide best results
Inspect all glide plates for extensive leading edge wear and rotate 180 degrees as needed	50,000	This will extend the life
Inspect belt drive pockets	50,000	
Inspect 2 entrance glide plates and 2 exit glide plates	50,000	
Inspect take up drum and bearings	50,000	Replace as needed
Inspect drive sprockets and bearings	50,000	Replace as needed
Inspect conveyor chain coupling and chain	50,000	Replace as needed
Inspect return belt alignment rollers	50,000	
Inspect all return rollers	50,000	
Inspect gear box oil level	50,000	
Inspect rub rail	50,000	
Inspect prox switch and flags	50,000	
Inspect cleanliness of V trough	50,000	
Change gear box oil	100,000/annually	See Manufacturer specs - For K Series use ISO 220
Order spare sprocket/chain coupling and bearings for inventory	100,000/annually	
Flip belt plastic to run opposite direction	200,000 -300,000	
Preventative Drive-Train overhaul -replace bearings, drums, chain couplings when replacing be	As needed	
Entrance Module		
Clean all photo eyes	Monthly	
Cooling fan maintenance	Monthly	

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Presoak Module		
Clean or replace front end, bumper, and backend, back window spray check valves	Monthly	Make sure all check valves are the same psi
Clean foam generators on center manifold	Monthly	
iLLumi Sheen/HOT WAX and SHINE kit		
Clean out all foam generators	As needed	
Flush out manifold	As needed	
All in One Extreme Clean Combo		
Grease Brush Bearings (4 bolt flange)	Weekly	One pump
Grease wrap arm pillow block bearings	Weekly	One pump
Inspect hydraulic hoses	100,000	
Replace wrap shock	100,000	
Clean out wrap manifold foam generators	100,000	
Replace wrap stabilizer shock	150,000	
Inspect all bolts on wrap bearings/stabilizer/air assist/brush	150,000	
Replace rubber stops	150,000	
Replace air assist cylinder	200,000	
Change hugger brushes	250,000	
Flex coupler maintenance / replace	300,000	
Hydraulic motor maintenance	500,000	
Wrap Arounds		
Grease Brush Bearings (4 bolt flange)	Weekly	One pump
Grease wrap arm pillow block bearings	Weekly	One pump
Inspect hydraulic hoses	100,000	
Replace wrap shock	100,000	
Clean out wrap manifold foam generators	100,000	
Replace wrap stabilizer shock	150,000	
Inspect all bolts on wrap bearings/stabilizer/air assist/brush	150,000	
Replace rubber stops	150,000	
Replace air assist cylinder	200,000	
Change hugger brush	250,000	if needed
Flex coupler maintenance / replace	300,000	
Wrap hydraulic motor maintenance	500,000	
Mitter		
Replace mitter curtain cloth	200,000	If needed
Inspect hydraulic hoses	100,000	
Replace center sleeve inner bushing if worn	200,000	
Inspect ball and disk on rods	250,000	If needed
Mitter hydraulic motor maintenance	500,000	
Top Brush		
Replace rubber stops	100,000	We suggest mitters
Replace shock	100,000	

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Replace rubber stops	100,000	
Replace shock	100,000	
Inspect hydraulic hoses	100,000	
Replace top brush	150,000	If needed
Replace air assist cylinder	150,000	
Rocker Brushes		
Grease bearings	Weekly	One pump
Inspect hydraulic hoses	100,000	
Replace rocker brushes	100,000	If needed
Replace rocker shock	200,000	
Rocker brush hydraulic motor maintenance	500,000	
Triple Coat Arch		
Clean out all foam generators	As needed	
Triple coat open clean out at bottom and clean out manifold	As needed	
Rainbow Coat		
Clean out all foam generators	As needed	
Flush out manifold	As needed	
Reverse Hugger		
Inspect hydraulic hoses	100,000	
Replace hugger brush	250,000	
Brush hydraulic motor maintenance	500,000	
High Pressure Arch		
Inspect and clean nozzles	50,000	
Inspect hydraulic hoses	100,000	
Inspect top oscillator assembly and rod ends	100,000	
Replace check valve	As needed	
Replace nozzles	200,000	
Hydraulic motor maintenance	500,000	
Flipping Wheel Blaster		
Inspect and clean nozzles	50,000	
Inspect hydraulic hoses	100,000	
Replace air cylinders	200,000	
Replace nozzles	200,000	
Swirling Side Blaster		
Inspect and clean nozzles	50,000	
Inspect hydraulic hoses	100,000	
Inspect all uhmw bushings and disc assembly	200,000	
Replace nozzles	200,000	
Replace air cylinders	250,000	
Hydraulic motor maintenance	500,000	
Rain X		
Clean out foam generators	As needed	
Rain X open clean out at bottom and clean out manifold	As needed	

Hanging rinse manifolds		
Clean and/or replace nozzles	100,000	
Rain Bar for Waxes		
Flush out manifold	300,000	
Final Rinse - Spot Free Arch		
Final Rinse spot free arch clean or replace nozzles	100,000	
Blowers		
Inspect impellers for damage and dirt build up	100,000	This will lead to vibration and premature failure if not inspected and cleaned
Inspect U-bolts, mounting plate, nuts and bolts	150,000	
Electric Motor grease	TBD	See Manufacturer spec on running hours and grease type
Tire Blaze		
Grease bearings	Weekly	One pump
Inspect brush	25,000	# of cars that have purchased this service
Inspect motor coupling	50,000	# of cars that have purchased this service
Replace shocks	75,000	# of cars that have purchased this service
Inspect hydraulic hoses	100,000	# of cars that have purchased this service
Replace air cylinder	200,000	# of cars that have purchased this service
High Pressure Pump Stations		
Replace oil in high pressure pumps	100,000	See pump manufacturer specs
Inspect float valve	100,000	Tankless pump station does not have a float
Inspect hoses	100,000	
Replace belts	400,000	
Electric Motor Grease	TBD	See Manufacturer spec on running hours and grease type
Hydraulic Power Units		
Inspect all hoses	100,000	
Test low level float	Monthly	
Inspect suction filter	200,000	At time of hydraulic fluid change
Replace hydraulic oil	200,000	
Electric Motor Grease	TBD	See Manufacturer spec on running hours and grease type
High Pressure All in One Pump Station		
Replace oil in high pressure pumps	100,000	See pump manufacturer specs
Clean out Y strainer on 3hp rinse pump	Monthly	
Inspect hoses	100,000	
Replace belts	400,000	
Electric Motor Grease	TBD	See Manufacturer spec on running hours and grease type
Conveyor Hydraulics		
Inspect all Hoses	100,000	
Inspect suction filter	100,000	At time of hydraulic fluid change
Replace hydraulic oil	200,000	
Electric Motor Grease	TBD	See Manufacturer spec on running hours and grease type

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Air Compressors		
Drain moisture from system	Daily	Utilize an air dryer or auto drain system
Replace air compressor oil	100,000	See manufacturer spec
Replace air filter	100,000	
Replace belts	400,000	
Purclean Reclaim System		
For all PW units		
Check HMI Screen	Daily	Estimated time required 1 minute
Check Pump Pressure	Weekly	Estimated time required 1 minute
Clean Basket Strainer	Weekly	Estimated time required 1 minute
Verify Flow Thru U/F valve	Weekly	Estimated time required 1 minute
Pump out settling tanks	6 months	Estimated time required 1 day
For Ozone units		
Verify ozone production (blue light)	Weekly	Estimated time required 5 minutes
Clean oxygen concentrator and ozone generator filters	Monthly	Estimated time required 5 minutes
Clean the mazzei eductor	Quarterly	Estimated time required 10 minutes
Replace oxygen concentrator and ozone cells	Annually	Estimated time required 60 minutes
For Sparger units		
Check sparger operation	Monthly	Estimated time required 5 minutes
Remove and clean sparger	Quarterly	Estimated time required 30 minutes
** Oxygen concentrator and Ozone generator**	1.8 years/16,000 hours	Need to be replaced at this time regardless of whether the equipment is still working
Purclean Reverse Osmosis		
Check on-board TDS meter make sure at/or below 25ppm	Weekly	Estimated time required 1 minute
Check settings during operation	Weekly	Estimated time required 1 minute
Change the pre-filter	Monthly	Estimated time required 5 minutes
Clean the stabilizer	Monthly	Estimated time required 5 minutes
Check chlorine levels	Monthly	Estimated time required 1 minute
Change carbon	12-18 Months	Estimated time required 60 minutes
Controller / MCC Center		
Backup/Restore Data	As Needed	Backup after start up and after you make any changes to programming - see controller guide
Thermal imaging service	Annually	This will indicate 3 phase imbalance, connections and wiring issues