

TOOLS NEEDED FOR BOTTOM PAINT JOB

4 roller pads/roller	electric drill/drill bits
2 pan liners plus metal pan	jitterbug sander
4 gallons bottom paint	60/80 grit sandpaper
2 - 8' ladders and boards	Makita polisher and multiple pads
1 gallon paint thinner	Heat Gun
paint brushes - 4" & 2"	4" grinder and assorted wheels and wire brushes
paint hat	hand cleaner
paint stirrers	plastic sheeting
Small can for brush cleaning	radio/IPOD for entertainment
Blue masking tape	tarps/staple gun/staples to make tent if necessary
4" putty knife	Newspapers for general protection from spills
duct tape	4 pr gloves - leather, rubber
extension cords/multiplug	Hearing protection
Pocket knife	old shoes
Rags - lots of them	dust masks
sanding block	respirator
step stool and/or step ladder	safety glasses
water bucket	coveralls
work light	New zinks
garbage bags	5200/caulk
scrub brushes/buckets	west systems epoxy/filler
Rent from yard	mixing cups for epoxy
Cradle	
jack stands	
electricity	
power washer	
water	

IMPORTANT - New bottom paint MUST BE compatible with old bottom paint or you MUST take old paint completely off!!

replace knot meter wheel and depth sounder with plugs (be careful if done in water!) if travelift straps can touch them
Two people minimum to boat lift, 3 people is better
Have dock lines available on fore and aft cleats, both sides
Keep fenders onboard boat
Have boat hook ready for use
Turn off all batteries if not staying onboard. Leave key in ignition
Before they drop boat in cradle, scrape off bottom of keel with putty knife for later painting
Once boat in cradle, power wash and scrape w/putty knife
Sand bottom of boat to rough up existing paint for better adherence
If you have lots of rust on keel line, grind it out to bare metal and fill with thickened epoxy
Sand epoxy down with grinding wheel/sander until keel is faired - WEAR DUST MASK!
Use paste like fairing compound for final fill in if not smooth
Hand sand last coat of fairing compound
Wipe down entire bottom with thinner soaked rags - wear respirator
Mask off boot stripe w/long lasting 3M marine tape, NOT household masking tape
if rain threatens, make a gutter around the boat with 3M tape to that the drops don't run down the hull
Pour about 1/5 gallon of paint in roller pan at a time
Wear safety coveralls, gloves, glasses and potentially respirator, the paint is toxic!
Drying time between paints varies. CSC extra (Interlux) recommends 16 hours
First coat goes on slow, the remaining coats go on much quicker
Apply 2 or 3 coats of paint, depending on paint condition. Thin paint only if necessary (cold temp, not enough paint)
Apply extra coats to leading edge of rudder, keel and the bow of the boat
If you have 2 extra jackstands, you can paint underneath the cradle pads a couple of times. Otherwise must move them very carefully
Check Cutlass bearing - if it has movement, change it out while in yard
Put on your new zinks. Check condition of prop nut. Clean and grease maxprop
Turn both batteries back on
When they lift boat to go back in, put another coat on the pad areas and on the bottom of the keel
Put knot meter and depth sounder transducer back in if removed before they release you from the straps

If you have extension cords and the right plug adaptor, you can use your heater, boat lights etc. while in the yard. You can also just run off your batteries if they are fully charged

While you are waiting for the paint to dry, you can sand down your teak, but I wouldn't apply chemicals until you have running water

This is a good time to rub out and wax the boat, but you will need a stepladder to do this.
Replace any beat up decals and your pin striping while you have ladders.

Any thru-hull maintenance/problems should be taken care of when you are out of the water
Clean up your work area before lift comes back as you probably won't be going back to the yard

With Good Weather, you can do this job yourself in 3 long days but plan for 4.

The Travelift straps will leave paint on your topsides. It is inevitable. Plan to rub out and wax those areas again when back in your slip

John Baker - S/V Tlingit 2019