Manual	Action	Notes	2012	2013	2014	2015	2016	2017	2018
page	ENGINE SERVICE	MD2020B 1996 Serial no: 5101311336 Hours run	1231	1330	1453	1593	1655	1714	
26	@ 100 hours extract (when hot) and renew engine oil (check level often)	3.4I VP SAE 15/40. Plug 30-40Nm Renewed 3/2017	✓	✓	✓	✓	-	✓	
26	@ 100 hours renew engine oil filter	Part - V21549544 Renewed 3/2017	✓	✓	✓	✓	-	✓	
33	@ 200 hours renew fuel pre-filter element (check drip tray)	Part – V3581078 (includes seals) renewed 3/2015	✓	✓	✓	✓	-	-	
32	@ 200 hours renew fuel spin on filter and vent system	Part – V861477 renewed 3/2015	✓	✓	✓	✓	-	-	
24	@ 200 hours clean air filter	Part – 3580509 Renewed 3/2014	✓	-	✓	-	✓	-	
29	@ 300 hours renew sea pump impeller	Impeller 3593659 Seals 833996 Renewed 3/2017	✓	-	✓	-	-	✓	
26a	@ 400 hours adjust valve clearances when c old 0.2mm.(Head re-built in 2010)	2 gaskets 3580238 & 3580239 reqd Adjusted 3/2015	-	-	-	✓	-	-	
31	@ 400 hours clean sea water vacuum valve @ 400 hrs		✓	-	✓	-	-	-	
25	Check drive belt slack and condition (renew at least every 5 years)	Part – 973534 10mm deflect 50Nm. Renewed 3/2015	✓	✓	✓	✓	✓	✓	
28	Check coolant level (renew at least every 5 years)	VP coolant 1.2I + 1.8I water mixture Renewed 3/2015	✓	✓	✓	✓	✓	✓	
24	Check idle speed (800 rpm) when warm.		✓	✓	✓	✓	✓	✓	
	Check condition of sea pump hoses and boots.	Renewed hose from saildrive to pump 3/2012	✓	✓	✓	✓	✓	✓	
	Check & WD40 wiring, throttle and gear change linkages.	Throttle and gear cables both renewed 7/2015	✓	✓	✓	✓	✓	✓	
	Check fuel tap, level sight tube, fuel hoses and clips, breather clear.	Renewed sight tube 3/2012	✓	✓	✓	✓	✓	✓	
	Check exhaust system.	Renewed short hose 3/2012. Renewed outlet 3/2013.	✓	✓	✓	✓	✓	✓	
	CABIN ACTIONS		2012	2013	2014	2015	2016	2017	2018
	Check condition of gas flexible hose to cooker. (renew @ 5 yrs)	Renewed 3/2017	✓	✓	✓	✓	✓	✓	
	Check operation of gas solenoid valve and gas detector		✓	✓	✓	✓	✓	✓	
	Check 12v batteries and leads including main switch and VSR operation.	New 2 in 2010. New 1 in 2012. New 100ah in 2013.	✓	✓	✓	✓	✓	✓	
	Check operation of cabin lights, instruments and VHF radios	Renewed Nasa wind 4/2016 and depth 4/2017	✓	✓	✓	✓	✓	✓	
	Check/replace batteries in hand gps, radio, clock, torch, loud hailer.		✓	✓	✓	✓	✓	✓	
	Re-charge batteries in VHF hand radio, searchlight.		✓	✓	✓	✓	✓	✓	
	Check first aid kit, fire extinguishers, air horns		✓	✓	✓	✓	✓	✓	
	Check skin fittings, ball valves, hoses, clips	Renewed all 3/2012. Renewed cockpit drains 3/2013	✓	√	✓	✓	✓	✓	
	Drain (through taps) and re-fill water bag	Renewed bag and support board 9/2014	✓	✓	✓	✓	✓	✓	
	Renew water filter if using, every other year	Renewed 3/2014	✓	-	✓	-	-	-	
	Check windows, hatches, fittings for leaks, lubricate hatch stay and mushroom vent	Windows re-bedded 3/2012.	✓	√	✓	√	✓	✓	
	Check toilet operation.	Renewed pump 5/2012. Renewed top gasket 8/2015	✓	✓	✓	✓	✓	✓	
	Clean bilge with Bilgex	Trending parity 0/2012: Itenowed top gashet 0/2010			✓	√	✓	✓	
	Check flares	Coastal pack expiry 2016	✓	✓	√	√	✓	✓	
	Check life jackets (test inflation)	CO2 cylinders renewed 2/2016	✓	✓	✓	✓	√	✓	
	Check and clean food storage compartments	302 dynindora forficwod 2/2010	✓	√	✓	✓	√	√	
	Check and clean sinks, cooker, crockery, cutlery		√	√	✓	√	√	√	
		Echroczo	√	✓	√	✓	√	√	
	Clean floors headlining and weedwark, repair vernish if necessary	Febreeze	√	√	√	√	√	√	
	Clean floors, headlining and woodwork – repair varnish if necessary	Re-varnished 3/2013	·	· ✓	√	√	<u>·</u>	<i>'</i>	
	Clean toilet and surrounds.						•		

	OUTSIDE ACTIONS		2012	2013	2014	2015	2016	2017	2018
	Check gas cylinders and flexible hose. (renew @ 5 yrs).	Renewed hose 9/2016.	✓	✓	✓	✓	✓	✓	
	Port locker – check wiring, water bag, hoses, drains, fuel tank, saildrive water valve	Also check saildrive oil level.	✓	✓	✓	✓	✓	✓	<u> </u>
	Check bilge pump operation and hoses - renew diaphragm if cracked	Bilge pump diaphragm renewed 4/2005.	✓	✓	✓	✓	✓	✓	
	Check and if needed clean fenders, horseshoe, ensign, ropes, boat hooks		✓	✓	✓	✓	✓	✓	<u> </u>
	WD40 locker and outboard padlocks		✓	✓	✓	✓	✓	✓	<u> </u>
	Check navigation lights, deck light, steaming light, mast head light, 12v sockets	LEDs fitted	✓	✓	✓	✓	✓	✓	
	Check and lubricate spinnaker pole lines and catches	Renewed pole 3/2012	✓	✓	✓	✓	✓	✓	
	Check standing rigging, cleats, shackles, pins, blocks, bottlescrews	Renewed rigging 3/2012 Checked by rigger 3/2013	✓	✓	✓	✓	✓	✓	<u> </u>
	Check mast and boom fittings, gooseneck.	New boom fitted 3/2012	✓	✓	✓	✓	✓	✓	<u> </u>
	Check guard wires and stanchions	Renewed wires 3/2012	✓	✓	✓	✓	✓	✓	<u> </u>
	Check winches, handles and service @ 3 years. Teflon grease required.	Serviced and new springs fitted 7/2014	✓	✓	✓	✓	✓	✓	<u> </u>
	Check & lubricate furling gear – top & bottom bearings and check halyard wear points	New top bearings 3/2013, adjusted 3/2016	✓	✓	✓	✓	✓	✓	
	Check and if needed clean running rigging, bags, stackpack, sails, spray canopy.	Renewed running rigging 3/2012.	✓	✓	✓	✓	✓	✓	
	Check window and cubby screws and re-seal with Captain Tolleys.		✓	✓	✓	✓	✓	✓	
	Repair deck and seat paint if necessary	International Deck Paint	✓	✓	✓	✓	✓	-	
	Re-varnish tiller, washboards, ensign staff	Schooner Gold varnish	✓	✓	✓	✓	✓	-	
	Clean stainless and chrome fittings Including boarding ladder, pulpits, bottlescrews	Marine metal cleaner	✓	✓	✓	✓	✓	✓	
	Clean & oil grab rails, stem strip, grille, companionway, step, locker trim,	Teak cleaner & oil.	✓	✓	✓	✓	✓	✓	<u> </u>
	Clean, repair if necessary and wax deck gelcoat	International clean and wax polish	✓	✓	✓	✓	✓	-	<u> </u>
	Check anchor, chain, rope, shackles	New anchor 5/2013. New shackle 8/2015	✓	✓	✓	✓	✓	✓	<u> </u>
	Service outboard motor			✓	✓	✓	✓	-	
	Check, clean and test inflate dinghy			✓	✓	√	✓	✓	
	SAILDRIVE 120S 1996 SERVICE AND OUT-OF-WATER ACTION	Serial no: 3101076769. Prop 872600 15" x 9 pitch 351	2012	2013	2014	2015	2016	2017	2018
43	@ 200 hours drain and replace oil, check for water emulsification.	2.8I Shell Rimula or VP SAE 15/40. Plug 10Nm	✓	✓	✓	✓	-	-	
	Check prop shaft oil seals and O rings for leaks (renew @ 7 years)	Seals and O rings renewed 3/2012	✓	✓	✓	✓	✓	✓	
	Check diaphragm and fairing (renew @ 7 years)	Renewed saildrive diaphragm and fairing 3/2012	✓	✓	✓	✓	✓	✓	ļ
	Clean water inlet system; ensure crustaceans dislodged and back flush.	Use bent wire coat-hanger.	✓	✓	✓	✓	✓	✓	ļ
	Rudder surface, bushes and tiller bolts – check, repair if necessary	Renewed bushes, bolts and tiller connector 3/2012	✓	✓	✓	✓	✓	✓	
	Skeg anode – scrape clean, replace if necessary.	Renewed 3/2012	✓	✓	✓	✓	✓	✓	
	Log paddle wheel – clean, check, Vaseline.	Renewed log 3/2012	✓	✓	✓	✓	✓	✓	
	Hull topsides – clean, check, repair or repaint if necessary, polish, apply wax.	W5 & Barkeepers friend. Toplac blue paint. 3M Wax	✓	✓	✓	✓	✓	✓	
	Hull undersides – clean, repair if necessary, antifoul	2 coats (5l) Micron Extra Navy and Trilux Blue line	✓	✓	✓	✓	✓	✓	
	Saildrive - antifoul with Trilux (NOT hull antifoul which contains copper)	Trilux black brush-on antifoul and Primocon (repairs)	✓	✓	✓	✓	✓	✓	
44	Saildrive anode – renew, Loctite screws and paint outside of fixing holes.	Part – V876286	✓	✓	✓	✓	✓	✓	
45	Propeller – remove, clean, grease pins/bearings, Loctite screws, apply Waxoyl.	Waxoyl Nut torque 65-75Nm 47-54 lbft 24mm socket	✓	✓	✓	✓	✓	✓	
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