

HYDRAULIC ACCESSORIES

PUSH BUTTON QUICK RELEASE VALVE

A440-A-01A. For the ultimate in vang control, Navtec's "Panic Button" is fast, lightweight, easy to use and comes complete with a watertight installation mount. Valves can be remotely mounted in multiple locations and provide rapid cylinder release for functions like vang, traveler car, sheet cylinder and genoa car.



REMOTE GAUGE

Remote Gauges (A060-01-01) provide pressure/force display and can be located close to a winch or in an easy to read location. These are identical to panel mounted gauges and can be placed anywhere on the boat. Note also the availability of an electronic gauge.



PUMP HANDLES

Don't be caught short, you'll want a spare.

Titanium Pump Handle: Part Number A021-A-04

Auto-Shift Pump Handle: Part Number A031-A11

Two-speed Pump Handle: Part Number A021-A11

One-Speed Pump Handle: Part Number A031-A11

Integral Pump Handle: Part Number A371-A24



HANDLE HOLDER

Both System 50 and System VII pump handles are removable to prevent accidental pumping, line fouling, or personal injury.

The Handle Holder (A021-24-01) is specially designed to hold the handle close to the mounting surface yet be easily accessible. Every Navtec installation should have one. It will not accept the Titanium Two-Speed Pump Handle.



Supplied By;
American Rigging Supply, Inc.
www.americanriggingsupply.com

MAST JACK

The lightweight, compact A270 Mast Jack is the ultimate tool for achieving the high rigging tension preloads in today's yachts. The Jack may be permanently installed or used on a removable basis for additional weight savings. The Jack may be used at 5,000 psi/7,500 psi with a Navtec panel or at 10,000 psi with an industrial pump.



A270 MAST JACK														
SIZE	5000 PSI MAX LOAD		10000 PSI MAX LOAD		STROKE		LENGTH EXTENDED		LENGTH RETRACTED		DIAMETER		WEIGHT	
	(lb)	(kg)	(lb)	(kg)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(lb)	(kg)
-40	20000	9070	40000	18141	3.0	76	11.5	292	8.5	216	4.0	178	10.0	5
-70	35000	15873	70000	31746	3.5	89	13.0	330	9.5	241	5.3	0	17.0	8
-125	62500	28345	125000	56689	4.0	102	14.9	378	10.9	277	7.0	102	29.0	13

DIGITAL PRESSURE GAUGE

The Digital Pressure Gauge system consists of a Hydraulic Pressure Transducer (P261), a Signal Processor (P240) and a Digital Display (P250). Each is purchased separately. Several hydraulic functions can be monitored by using a selector valve (A400). The pressure gauge system can be set to read out directly in pressure (KPSi or KPa) or can be set to read in force (KLb or KNt or Kgf) corresponding to a specific cylinder size.

HYDRAULIC RESERVOIRS

MOLDED RESERVOIRS

Navtec has dramatically improved the hydraulic reservoirs for System 50 and System VII Panels. The new reservoirs primary advantage is translucent polyethylene construction which allows visual checking of the hydraulic oil level. The reservoir is available in 2-quart size (Part Number A290-A-MR02). A 4-quart reservoir (Part Number A290-A-MR04) is also available. For additional capacity, reservoirs can be linked together.



MOLDED RESERVOIR CAPACITIES & DIMENSIONS								
SIZE	USABLE VOLUME	WIDTH		HEIGHT*		DEPTH		
		(in)	(mm)	(in)	(mm)	(in)	(mm)	
2 QUART	60 in ³ (983 cm ³)	6.9	174.8	8*	200*	4.9	124	
4 QUART	120 in ³ (1967 cm ³)	7.8	196.9	11*	280*	5.8	146	

* Height does not include cap, which adds 1.2" (31mm) to the overall height.

HYDRAULICS SPARES

A complete selection of spare parts from seals to total rebuild kits is available from your nearest Navtec hydraulics servicing facility.

Seal kits include all seals and piston bearings (if used), while repair kits for cylinders and vangs also include replacement rods and pistons.

Servicing of Navtec hydraulics requires numerous special tools and training. Repairs should be performed only by authorized Navtec hydraulics technicians.



HYDRAULIC PLUMBING

Though stainless steel tube is quite common on large yachts, flexible hose capable of 5,000 psi working pressure is perfect for most installations. Navtec's flexible hose is easier to install below deck and with proper installation it will perform flawlessly year after year. Care should be taken to avoid sharp objects and fastenings and to ensure that there are no kinks in the hose.

All fittings used above deck must be stainless steel to prevent corrosion. Cadmium-plated fittings are acceptable below deck as long as they will not be immersed in bilge water.

Navtec's Delrin® Through Deck Gland provides a secure, watertight passage most commonly used on the backstay hose when passing through the transom. The Through Deck Gland is also perfect for electrical applications.

Most boom vang installations have a continuous hose that runs from the vang through the mast to the mast step. Here the hose exits and is terminated. A hose union connects the vang hose to the hose that runs back to the panel. This two-piece installation allows for easier decommissioning when unstepping the mast.

