

New Battery Charger and Fresh Water System Pump for Hull #4.



Lark (#4) has the side-looking Nav Station. Under it are:

1. (2) Group 27 AGM Batteries which are "Bank 2".
2. The Battery Switch and combiner relay for the Charger.
3. The Fresh Water Distribution Manifold (with the blue handles on the left)
4. The fresh water system pressure pump and expansion bottle.
5. The hot water heater (Engine and A/C)
6. The Battery Charger

New this week are the Charger and the Fresh Water Pressure Pump.

The charger was a 40 Amp. Dropped it to a 20 Amp to be more compatible with power outlets. And with the new 120 Amp Alternator that comes standard on the new Yanmars – we don't use the charger too much. A 2-Bank unit will work fine. The charger has a bunch of easily set up options for Battery Type, Battery Temp and so forth. It was easy to put in, but the spaces can be painful to work a screw-driver.

If you have the setup pictured above and want to replace both, take a few pictures of them so you remember exactly how they went it, pull them both out. Then replace the charger and you will have the clearance to stick your head in and get to the outboard screws for the charger.

Then put in the water pressure pump. Few of the markings on the pump remained – it was the original and lasted 28 years. Among the markings were “F6” on the side , “40psi” and C-5623 on the bottom along with Peter S. Russell Inc., and the address, etc.

There were other pump configurations, but the one that was originally put in is still available so that was the easy path. The pump is still made by Jabsco and carries the model number Jabsco 36800 Series:



Of the (4) models, this is the one that was installed in Lark (Hull #4):

36800-2000

| | |
|------------------|-----------------------|
| Voltage | 12 (Vdc) |
| Amp Draw | 6 (amp) |
| Fuse Size | 8 (amp) |
| Cut-In | 20 (psi) 1.4 (bar) |
| Cut-Out | 40 (psi) 2.7 (bar) |

Jabsco automatic water system pumps are designed for self contained recreational vehicles and pleasure boats with multiple outlet water systems. The systems are automatic – when a faucet is opened, the pump instantly begins operation to provide a constant flow from tank to faucet. Closing the faucet automatically discontinues pump operation. Model 36800 is suited for up to five outlet distribution systems.

- Self-Priming
- Diaphragm Design Allows Dry Running
- Built-in Discharge Check Valve
- Quiet Operation
- Built-in Hydraulic Pulsation Dampener
- Large Vibration Absorbing Pads
- Ports Available with Barb or Threads
- Meets USCG Electrical Standards

It was extremely easy to replace! Very odd.