

# **M25XPB Water pump replacement – Sherwood vs Oberdorfer**

Since day 1 we own the boat, the sherwood water pump was leaking a bit, it was never the top issue but always something bothering me. In this article we are going to go through:

1. Replacing the water pump
2. Replacing one of the old cooling hose
3. Touch up painting of the engine oil crankcase

It took few hours to go through this work, but everything was pretty straight forward.

## **Original state of Hotel Catalina**

Here couple of pictures from June 2016, 2 weeks after we took delivery of Hotel Catalina.



First engine picture June 2016





First engine picture June 2016

Based on this pictures we can saw this leak has been there for a while by the rust we can see on the engine.

# Time to fix this leak and give some love to the engine!

It has been now over 1 year we own the boat and it's time to tackle this pump leaking and clean the rust on the engine block.

Here are few of the options to complete this task:

- get a rebuilt kit and fixing it (tried it, it was worse!)
- new sherwood pump (very expensive and not so much good feedback on the different forums)
- migrate (upgrade?) to Oberdorfer
  - Replacing with an Oberdorfer pump that has the base that goes on with the same clip system as your Sherwood pump (more expensive, but more straight forward replacement)
  - If you aren't scared of, rework the base of the Oberdorfer bolt on pump so it bolts into the pump land on the engine (way cheaper, but a bit too involved in my mind)

After looking online I found a very good deal on the N202M-908 at pump and parts online. Let's go with this solution!

Name/Model	Qty	Unit Price	Price
Inlet 1/2" / Outlet 1/2" / Max GPM: 12 / Buna Seal / Neoprene Impeller / Clamped Mounting N202M-908	1	\$312.00	\$312.00
Repair Kit for N202M(-15)(-16)(-837)(-908) 11691	1	\$53.00	\$53.00
Subtotal:			\$365.00
Tax:			-
Shipping:			-
Total:			\$365.00

Oberdorfer N202M-908

- [http://www.pumpvendor.com/Oberdorfer\\_N202M-908.html](http://www.pumpvendor.com/Oberdorfer_N202M-908.html)
- <https://www.pumpsandpartsonline.com/shop/oberdorfer-pumps/rubber-impeller/rubberimpellerpumps/N202M-908>

Here is the invoice for the pump:

- Oberdorfer\_pump\_m25xpb\_2017-10-31

## Replacing the elbow water pump hose

This step is unrelated to the water pump, but it was way easier to complete since the water pump was not in the way anymore.



Old sherwood pump, old hose and old clamp. Everything will be soon replaced.







444  
Imported by/Importeur: JAC  
2430 Macdonough Blvd.  
Unit 105 & 107  
Mississauga, ON  
L4W 6S2 Canada  
Fabricated aux E.-U.  
Importeur: JAC

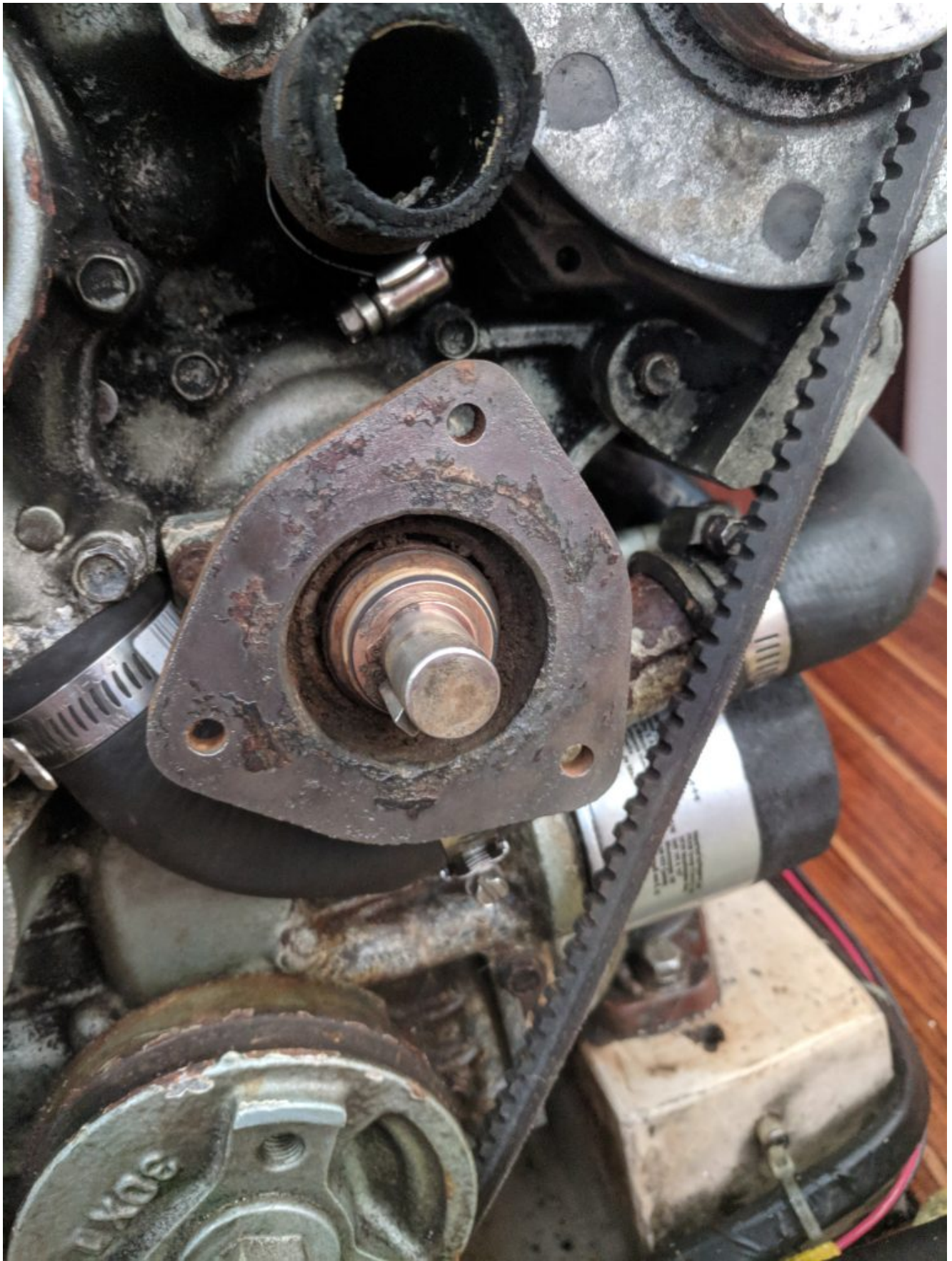








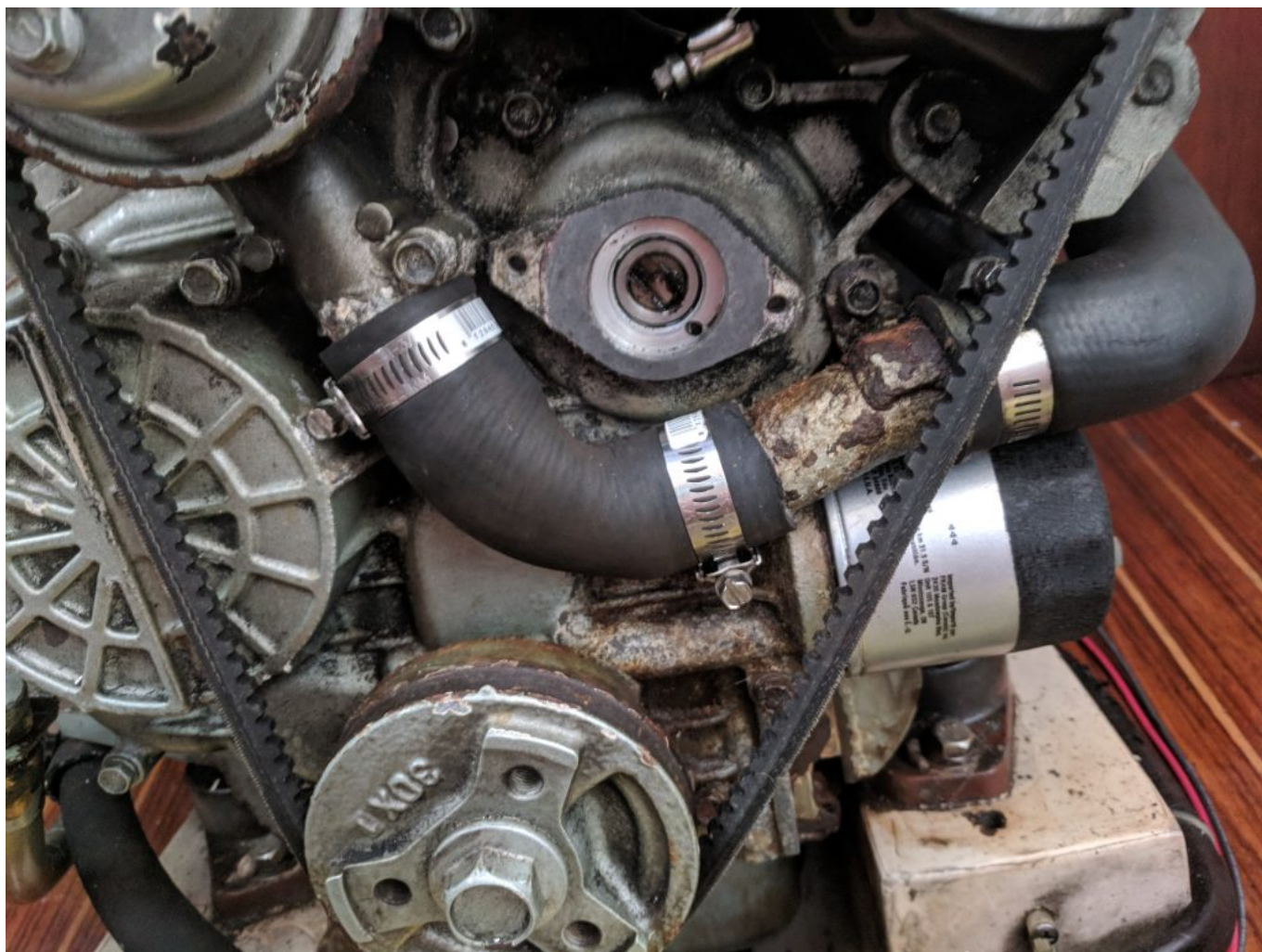




Tried to clean and fix the sherwood water pump, but the leak was always there.

New hose installed!





Now time to fill the radiator with new coolant! Last time was replaced was last year during the heat exchanger failure.

**GM DEX-COOL**  
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**EXTENDED LIFE**  
**ANTIFREEZE/COOLANT**

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Protección contra el óxido y la corrosión  
hasta por 5 años ó 240,000 kilómetros\*

P-5651  
WARNING: HARMFUL OR FATAL IF SWALLOWED. Read carefully other cautions on back panel.  
ADVERTENCIA: DAÑINO O FATAL SI SE INGERE. Lea atentamente otras precauciones al reverso.

1 GAL (3.78 L)  
3.78 L (1 GALÓN)



**Now the hose has been  
replaced, let's replace the  
water pump!**



The service from <https://www.pumpsandpartsonline.com/about-us> was very good! Few days after the order I received the part



as expected.



I was not sure about the purpose of this hole, and asked online I realized it was to make sure in case of leak of the pump, the raw water has a way to exit somewhere else than in the engine.

**Gardner  
Denver**



**OBERDORFER COMPS**

*By Gardner Denver*

UDOVIC FRANCIS  
578 WASHINGTON BLVD  
STE 268  
MARINA DEL REY CA 90232-5442  
P: PURPLE S: MGOLD 1: 4D3  
12x31 372037186 8724  
DATE: 1991 03 06 13:08:28  
US 90232 HIPP 17 00 04708000



N202-M-968

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For a period of 12 months from date of shipment, Oberdorfer Pumps, Inc. warrants all of their pumps to be free from defects in material and workmanship when used in a service for which the product was designed. If any pump or part is proved to be defective in workmanship or material on examination in our factory, and is forwarded to our factory by prepaid carrier, it will be repaired or replaced (at the factory's option) and returned to the customer, f.o.b. destination.

Oberdorfer Pumps, Inc. assumes no liability for pumps that have been altered or tampered with in any way. No pump shall be returned to the factory for warranty service or credit without prior arrangement with the factory and the assignment of a return goods authorization number.

This warranty is not to be construed that our product shall be deemed fit or suited for all or any particular service. Our pumps are not designed or intended for use with every known substance. If you require assurance or satisfactory pump service life, you are urged to discuss your proposed usage with the company.

Equipment and accessories (motors, controls, etc.) not manufactured by Oberdorfer Pumps, Inc. are warranted only to the extent of the original manufacturer's warranty.

Oberdorfer Pumps, Inc. assumes no responsibility for consequential damages arising from the operating failure of the equipment for any reason whatsoever. The company will assume no liability for service calls or expenses incurred in the installation or removal of defective equipment and replacements.

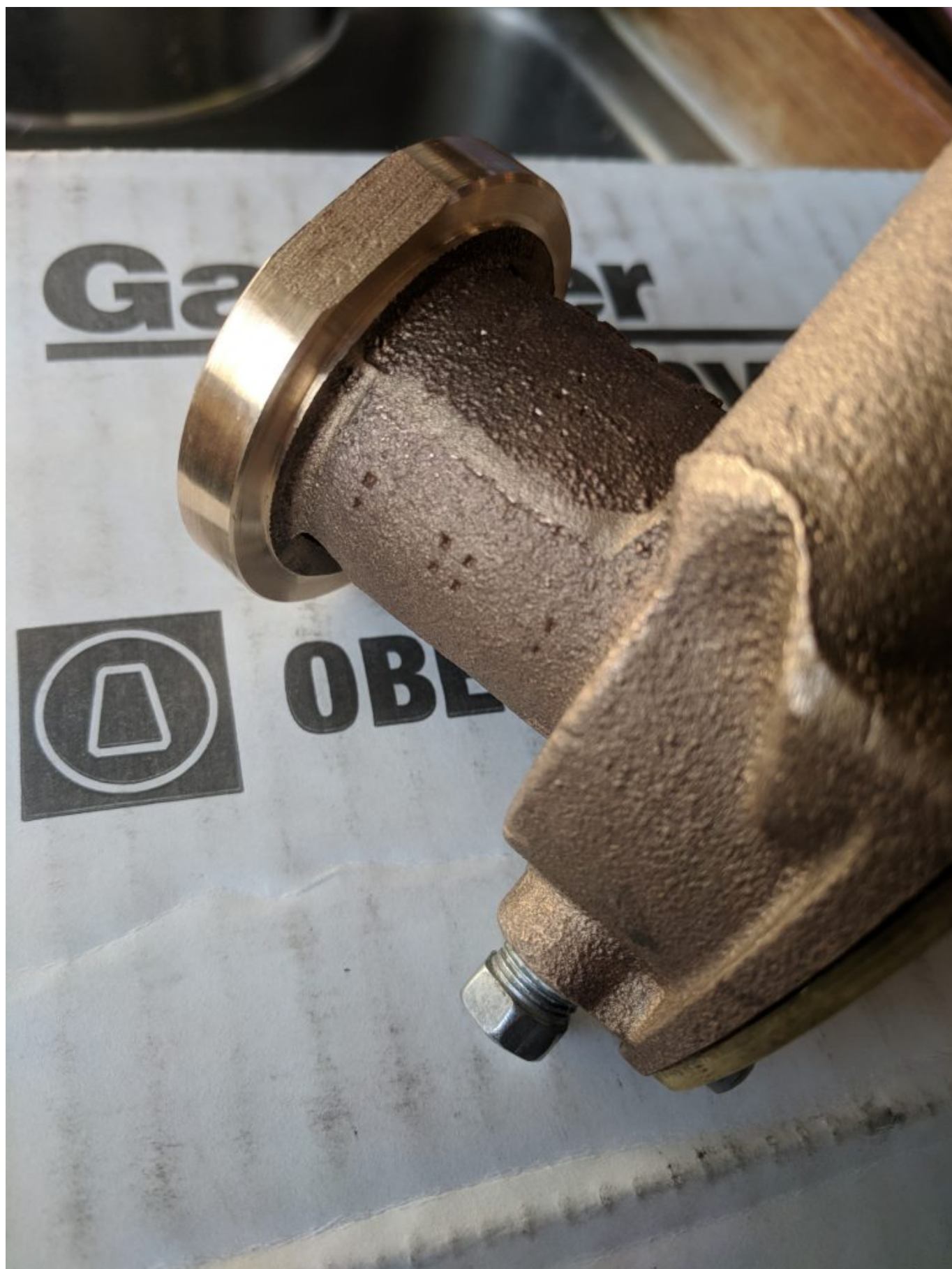














# Now it's time for some painting touch up

It's the first time I try that, I decided to pick white to be able to see if any leak happens in the future. The result is pretty good looking. Next time I have a chance to remove the belt, I will definitely do more painting.











**WARNING**  
DO NOT SMOKING  
WHEN ENGINE IS RUNNING  
CONTACT WITH HOT OIL  
MAY CAUSE BURNS OR FIRE  
CAUTION: HOT SURFACES



# Pump installed and running!

[https://www.sailinghotelcatalina.com/wp-content/uploads/2017/11/VID\\_20171104\\_105733.mp4](https://www.sailinghotelcatalina.com/wp-content/uploads/2017/11/VID_20171104_105733.mp4)

[https://www.sailinghotelcatalina.com/wp-content/uploads/2017/11/VID\\_20171104\\_105800.mp4](https://www.sailinghotelcatalina.com/wp-content/uploads/2017/11/VID_20171104_105800.mp4)

# Temperature is good!




# Impeller replacement for my spare kit

<https://www.ebay.com/itm/112455220825>

You bought this item | [View order details](#)

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USA SHIP  
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### Impeller Kit For Oberdorfer pump 202 Replaces 6593 o-ring 9797-034 Gasket 6599

Item condition: **New**

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1 sold in 1 hour / [See feedback](#)

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Oberdorfer replacement impeller