

**NEW EDITOR  
SOUGHT**



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# NEWSLETTER

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## Ensign's report

1st March 2016

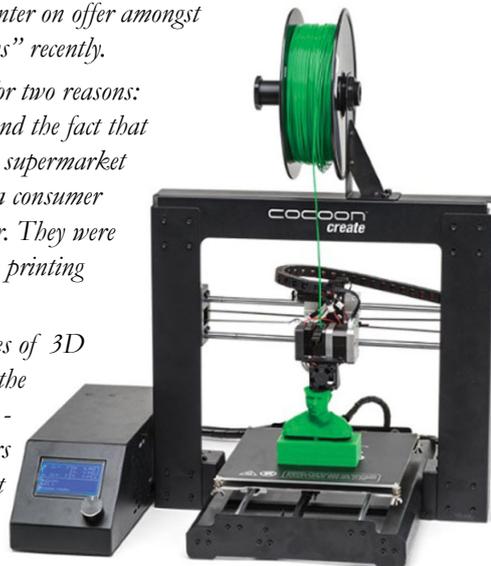
*ALDI shoppers would have found this 3D printer on offer amongst their "Special Buys" recently.*

*It is remarkable for two reasons: the price (\$499) and the fact that for the first time a supermarket chain sees this as a consumer item like any other. They were also offering a 3D printing pen for \$80.*

*I think the realities of 3D printing will curb the initial enthusiasm - it takes 83.5 hours to print the trinket shown in their advertisement!*

cocoon  
create

## 3D Printer



## Arrival of an important delegation

Serious-looking officials arrive in the good ship Tulip, a look of utmost concentration on the face of the helmsman as he jockeys the steering, to investigate reports of a model boat that has been exceeding four knots in the dock area.

*Old photo submitted by Andrew, copyright unknown and presumed lapsed.*



## A lake-side tool kit

Every model boater needs a basic tool kit with him at the lake to attend to minor repairs and adjustments.



The kit might typically consist of:

- cross-head and straight blade screwdrivers to suit all fasteners used on the model
- a spanner to suit the propeller lock-nut
- a spare binding link (2.4 GHz) and knowledge of its use
- small quantities of lubricants as required
- hex keys to suit coupling grub screws etc.
- a small un-opened tube of superglue
- a small multi-purpose tool of the Leatherman type or small pair of pliers, sidecutters, knife, etc.
- a "Watts-Up" meter or multimeter
- a pair of tweezers
- a roll of tape
- a programming card for your speed controller

Add any extras you might need because of the nature of your model: a syringe and tube, for mopping out the bilges; spare propellers; smoke fluid; ballast weights; spare prop nut; steam oil, engine tools and spares and so on.

A tip for advanced users is to charge your batteries before you leave home and always take your transmitter with you.

## Suppression diagram for a brushed motor

Those still using brushed motors may find this suppression diagram useful; the value of the capacitors is not critical.

