

# PROPTASTIC!

OR ZEN AND THE ART OF RIB MAINTENANCE

## Engine Sabotaged by Builder?

FEATURED NEWS

CORK  
SUB  
AQUA  
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### SUZUKI PROPELLOR PROBLEM

The big Suzuki had a problem and it needed to be fixed - but fast. The future of all Cork Sub Aqua Club diving depended on it.

Posted by EO on October 15, 2014

**Safety First - kill all electrics and put throttle in neutral. Consult competent person. Use a service centre.**

### ORANGE TELL-TAIL IMPOSTER



**PROBLEM**

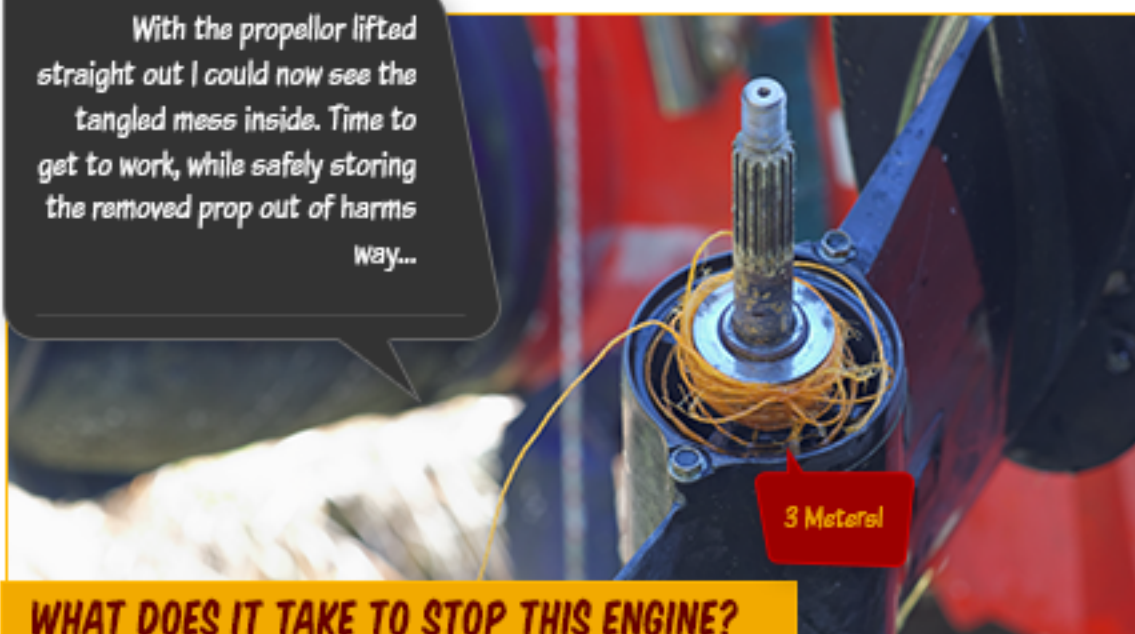
An orange nylon line poked from the propeller. The only visible evidence of anything amiss. Typical Builders Line showing outside - but what was inside? How long before it stopped the engine and how to get it out? And was the builder's recession really that much over?

### ATTACK THE CASTLE



Remove the Split-pin and unscrew the Castle nut - ideally with a socket set.. Grip the nut at the base, not on the castle part (which can break). Remove nut & remember where you put it....

With the propeller lifted straight out I could now see the tangled mess inside. Time to get to work, while safely storing the removed prop out of harms way...



3 Meteral

### CLEVER DESIGN



Luckily the clever shaft design had shunted most of the invading line to the back where it was harmless.

### WHAT DOES IT TAKE TO STOP THIS ENGINE?

Health & Safety - Don't engage in maintenance work unless you are competent to do so. so you local main dealer or repair shop if necessary. Turn off electrics. Put throttle in neutral. Wear protective gear.



use a lump of wood to stop prop rotation

Replace castle nut and torque to required pressure as indicated in the engine shop manual. Finally put back a fresh split-pin to hold the propeller onto the shaft.

USE 27MM SOCKET FOR THIS SUZUKI FOUR-STROKE 175

**COMING SHORTLY: "MAKING A SACRIFICE"**