



# IRB Engine Maintenance Workshop

**Date:** Saturday 19th October 2013  
**Venue:** New Brighton SLSC  
**Address:** Marine Parade, New Brighton  
**Time:** 10:00am - approx. 4.00pm

Learn basic maintenance and increase your knowledge on Mercury Surf Engines

## Course Information

### Who should attend

All new IRB Drivers and those Drivers that have not previously attended this Workshop, plus the person responsible for Club Engine maintenance

### Engines to bring

Only current patrol engines are eligible for this workshop. A minimum of two people to work on each engine

### Workshop Instructor

David Hickey will deliver the Workshop.

**Please Note:** A Mercury Engine Technician will not be present at this Workshop and Clubs are advised to contact a local Mercury Service Agent for any technical engine problems

### What to bring

Your lunch and tools (list below).

### Cost

There is no cost to Clubs or participants to attend this Workshop inclusive parts and accessories

### Registration

Please register the number of people and engines attending with me, Scotty Roberts [scotty.robert@surflifesaving.org.nz](mailto:scotty.robert@surflifesaving.org.nz)

Registrations Close: Friday 11<sup>th</sup> October 2013



## Tools Required

- 32mm ring spanner (Engine tilt )
- Spark plug socket (supplied with Engine)
- Complete socket set and ratchet
- 10mm & 13mm open ended ring spanners
- 1 large and 1 medium flat screwdrivers
- Large and small Phillips screwdriver
- Medium adjustable crescent
- Long nose pliers

## Workshop Content

- What to do when 'Engine does not start'.
- Replace gearbox oil
- Remove gearbox and inspect/replace water-pump impeller
- Inspect engine mid-section for wear
- Replace tiller arm bushes
- Remove and inspect carburettor
- Remove and inspect pull start assembly
- Replace spark plugs
- Run/tune engine in flush drum

## Further Information:

If you have any further enquiries, please do not hesitate to contact David Hickey.

David Hickey

Rescue Asset Manager

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