



# IRB Engine Maintenance

**Date and Venue**      **Saturday 14 November 2015: Brighton SLSC Downstairs**

**Programme**              **10am to 3pm (bring your lunch). Learn basic maintenance and increase your knowledge on Mercury Surf Engines**

**Workshop 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

**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 [sam.clutterbuck@surflifesaving.org.nz](mailto:sam.clutterbuck@surflifesaving.org.nz) by Friday 6<sup>th</sup> November





### Tools Required

- 32mm ring spanner (Engine tilt )
- 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
- Flush drum (if you can fit one in)
- Engine stand/trolley for each engine

### 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
- Check spark plugs
- Run/tune engine in flush drum

### Further Information:

If you have any further enquiries, please contact David Hickey.

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