

# Engine Cooling System – Emergency Checklist

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## **IF NO WATER IS COMING OUT OF THE EXHAUST:**

**STOP THE ENGINE IMMEDIATELY**

- Check seacock – ensure raw water intake valve is fully open
- Check raw water strainer – clean debris and reseal lid tightly
- Inspect hoses and clamps – look for leaks or collapsed hoses
- Check raw water pump impeller – replace if cracked, stiff, or missing blades
- Inspect heat exchanger (if fitted) for blockages or impeller fragments
- Check exhaust outlet for mud, weed, or marine growth
- Dive check intake if needed – clear weed or plastic from through-hull

## **IMPORTANT NOTES**

- Never run the engine dry for more than 10 seconds
- Replace impeller annually, even if it looks fine
- Always carry a spare impeller and gasket onboard
- Most cooling failures are caused by blockages or impeller damage

# No Water Out the Back? – Emergency Engine Cooling Card

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## **ENGINE OFF — IMMEDIATELY**

Overheating happens fast. Do not wait.

- Seacock – open?
- Raw water strainer – clean and sealed
- Hoses – no leaks or collapse
- Impeller – no missing blades or cracks
- Exhaust outlet – no blockage
- Dive check – clear intake outside hull if needed

## **MOST COMMON CAUSES**

- Blocked intake
- Dirty strainer
- Failed impeller