

## Aluminum Hulls

Look for electrolysis and fractured welds. Electrolysis will cause the aluminum to corrode and is caused by dissimilar metals and debris being in contact. Keep a regular check on the hull, it is especially important to maintain a clean bilge as corrosion will lead to holes in the aluminum. "Hard points" caused by seat, frame or support connections to side and bottom plating will often cause the plate to fatigue and crack.

## Fiberglass (GRP) Hulls

Two problems are common to older fiberglass boats. These is delamination which can lead to rotting of the timber core material and fractures in the glass laminate.

Transom cores should be looked at especially if the motor has been changed or removed sometime during the boats life. You should remove the engine mounting bolts and inspect the timber inside the fiberglass. Water can enter through these holes and become trapped inside causing the timber to rot and thus reducing the structural integrity of the hull. This can also happen with the bungs so it is important to also remove bilge drain plugs and inspect. Delamination and rotting can also happen with the frames of the boat so where possible remove the flooring and check.

Fiberglass stress fractures can also occur in areas of stress, at joints and where point loads exist.

There have been changes to the  
Recreational Boating Fund. We look  
forward to your application...  
please check

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# HOW TO DETERMINE boat condition



Tasmania

Check for rot / corrosion	Sound	Monitor	Repair / comments
Around main engine bolts			
At fastenings, rivets and screws			
In bilge and around bung holes			
Auxiliary engine brackets			
Ski hooks and berley bins			
Boarding ladder / added pod connections			
Where bilge water sits			
Other hull fittings			
<b>Stress Fractures</b>			
Around dive doors			
Transom / hull connection gussets			
Keel			
Where hull sits on trailer rollers			
Seat post mounting points			
Bulkhead joins			
Osmosis in hull (small bubbles)			
At frame and seat connections			
Welding on transom brackets			

It is recommended you seek the opinion of a boat builder if unsure of your boats integrity.