

Repairing an OMC marine engine damaged by freezing



The edge of the hole is lightly ground to smooth the rough edge

The edges of the patch also need to be smoothed. Grind off only the tips of the course grain surface to allow the patch to fit snug back into the hole.



The patch is carefully fit back in

A small amount of epoxy can be used to hold the patch firmly in place until the first few stitching pins are installed.



Four L6AS pins are used to secure the patch

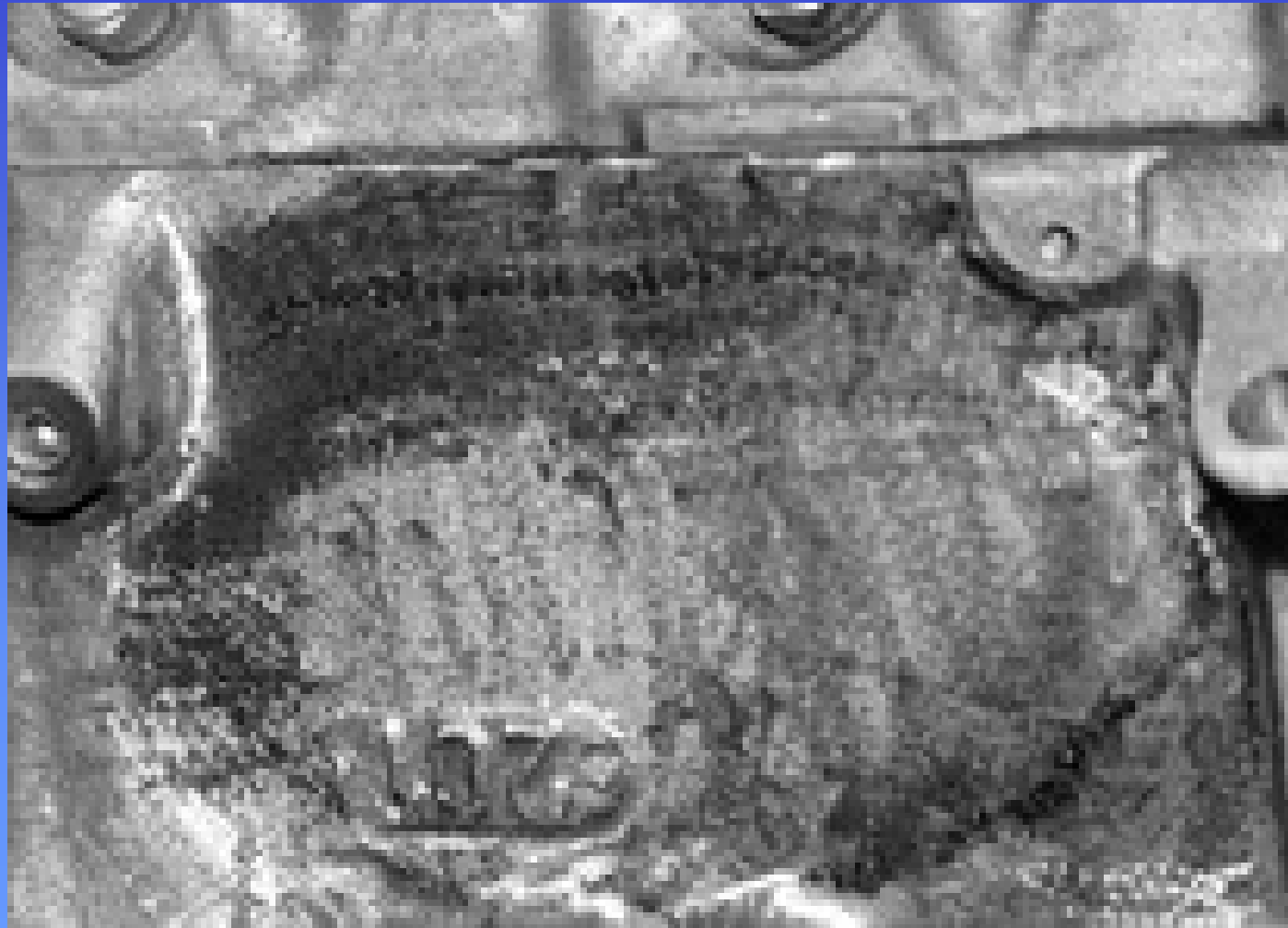


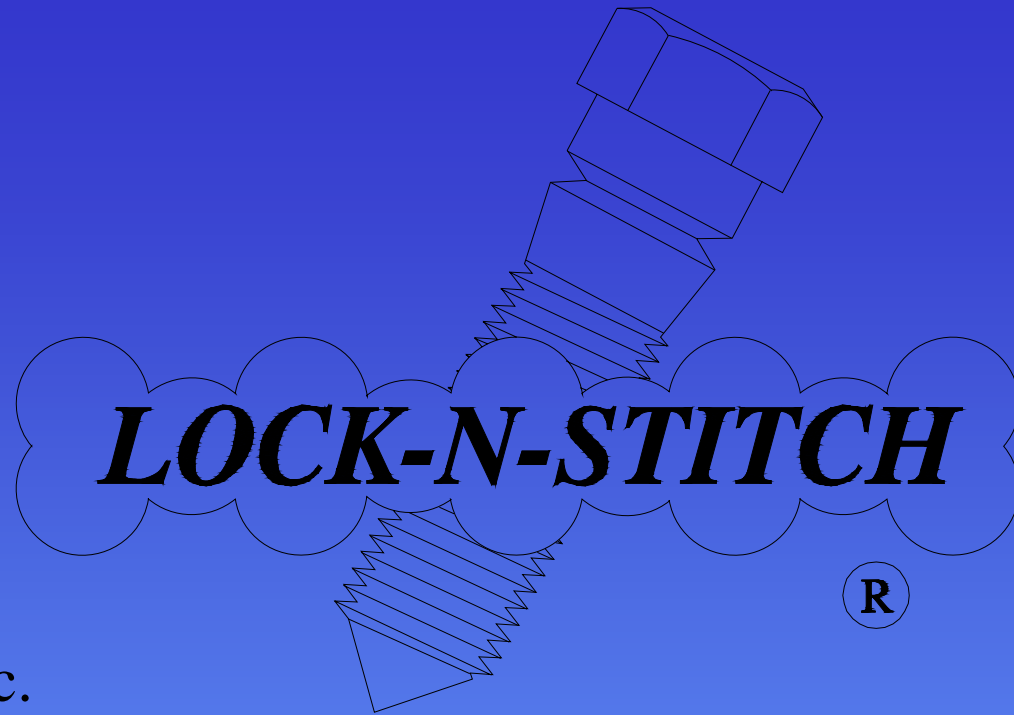
The first series of holes are drilled and power tapped around the joint



Installation of the pins continues until there are no spaces left

The pins must overlap each other. After all pins are installed and ground flush, the repair is pressure tested to check for leaks. If a leak is found, simply install another pin.





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