

# Pielstick crankcase repair

You're in experts hands

## Description

A crankcase repair should be executed after a crack, a tear or peel off of the crankcase.

Steel welded crankcases can be repaired on-site by highly qualified service engineers in this type of repair.

## Benefits

- Preserve the crankcase from irreversible distortions
- Preserve the crankshaft from damages
- Extend the crankcase life time

## Engines

All S.E.M.T. Pielstick engines



## Our expertise applied to repair



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## Steel welded crankcase are remachined onsite

### Inspection first

A service engineer highly qualified in crankcase repair inspects the crankcase:

- Visual checks of the welds
- Non destructive test
- Dimensional check

### Definition of the repair' solution

The results of the inspection are detailed in a report with the OEM repair recommendations.

### Repair execution

A qualified service engineer realizes the repair onsite with the OEM toolings:

- Standard welding, cold welding, or inconel weld
- Constant checking of possible distortion during repair
- Machining of the crankcase and geometrical reconditioning
- Machining of the shaft line
- Machining of the entablures
- Machining of the cylinder

### Repair validation

All crankcase repairs are controlled and validated by the certification authorities.

### Certified quality

MAN Energy Solutions OEM service

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