

Slinden Services Ltd

Cast Iron Welding & Metal Stitching Repairs

Wolseley Mono Block

We were contacted by a customer from the West Coast, USA, regarding his 1913 Wolseley mono block. The main area of concern was that one of the cylinder liners was leaking internally into the main combustion chamber, following previous repairs carried out elsewhere.

The block, along with its intake manifold and any auxiliaries, was shipped over to our Derbyshire workshop for thorough investigation. We removed the cylinder liners and found cracks and holes in both cylinders which needed welding and boring, prior to manufacture of two liner blanks which we welded in—again using our Lloyds approved procedures—then the block was fully crack tested. It was machined to the required standard dimensions, followed by pressure testing and subsequent machining and honing of the bores, before refitting and lapping of the valves. After final inspection, the block was bead blasted and a coat of red oxide primer applied.

Our customer had also requested that a duplicate intake manifold be manufactured in brass as per the original, so we set about making patterns and sent it to be cast whilst repairs were undertaken to the block. Once back in the workshop, the newly cast intake manifold was machined to original dimensions provided.

The job was then carefully crated ready for its journey back to the owner in Nevada, USA!

"I am looking forward to getting the beloved Wolseley back on the road. Thanks so much for everything".

For any veteran, vintage and classic repairs, please contact us for a survey/quotation.

- Full Pressure Testing
- Full Crack Detection
- Lloyds Welding Procedure
- Machining Facilities
- Casting services if needed
- 12 Months Guarantee

*Breathing new life into
damaged cast iron components*

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