

COMPONENT REPAIRS

NEW ENERGY FOR SPENT COMPONENTS

BÜCKER + ESSING has been a reliable and reputed specialist for repairing gas and diesel engines for the past 55 years.

Our core competence includes repairs of components and entire assemblies either at our factory or at your premises by our mobile service. Our mechanical production has a CNC machine pool, modern laser measurement equipment and various mechanical surface processing methods so that as many components as possible can be reworked professionally and in line with manufacturer specifications. Our processes are certified to the quality criteria of the RAL quality seal for engine repairs and to DIN EN ISO 9001 and Germanische Lloyd.

ON SITE FOR YOU

Our special advantage: We continuously work on developing repair solutions that allow us to remedy damage as quickly and efficiently as possible on site. This means for instance that you profit from our mobile cylinder liner fitting repair method which allows leaking cylinder liners to be repaired without having to remove the engine.

The BÜCKER + ESSING services for you:

REPAIRS OF COMPONENTS AND ASSEMBLIES
ENGINE BLOCK REWORKING
PART RESCUE
MOBILE REWORKING

YOUR BENEFITS

- Economic repair solutions for your components and assemblies thanks to professional overhauling
- Avoid new purchases of components and assemblies worth saving
- Extensive mobile repair solutions without extensive dismantling and transport of engines or assemblies
- Fast and flexible, throughout Germany

COMPONENT REPAIRS: AN OVERVIEW OF OUR SERVICES

REPAIRS OF COMPONENTS AND ASSEMBLIES

- Cylinder & cylinder heads
- Connecting rods
- Crossheads
- Pistons
- Camshaft and crankshaft

ENGINE BLOCK REWORKING

- Spindling of bearing tunnels
- Levelling crankcases
- Repositioning of bushing seats

PART RESCUE

- Metallic surface coating, e.g. flame or HVO coatings

LASER MEASUREMENT

- Dimensional deviation analyses, calibrations
- Alignment before recommissioning, e.g. generator alignment

MOBILE REWORKING

- Mobile laser measurement
- Part inspection by means of laser, cr. hardness and dimensional tests
- Metal coating
- Spindling of bearing tunnels
- Reworking bearing seats
- Reworking sealing surfaces
- Sand valve seats and seat rings
- Cylinder liner fitting repair by levelling out the tombac ring: Engine block rescue in case of leaking cylinder liners without having to remove the engine



OTHER SERVICES

- Engine repairs
- Replacement engines
- Component and spare parts deliveries
- Energy service
- Industrial service

TALK TO US:

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