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<b>Distribution list</b> Jenbach, Subsidiaries, Service Providers		
<b>Service Technician Instruction</b>	<b>ST-132</b>	23 May 2013

Engine type **J612...J620 and J624**

Subject **Conrod fitting tools P/N 660093 and P/N 653388**  
**Safety-relevant modification**

Service Technician Instruction ST-132 covers a modification to conrod fitting tools P/N 660093 and P/N 653388 to solve a possible safety problem. These tools must no longer be used until their affected components (conrod support, type plate) have been replaced.

#### AFFECTED TOOLS / SCOPE OF THIS BULLETIN

All conrod fitting tools with part numbers 660093 (J612...J620) and 653388 (J624) are affected.

#### DESCRIPTION OF THE CONTENT

The conrod support can break when fitting/removing conrods on Type 6/624 engines and when inspecting the big-end bearings on Type J624 engines, and must therefore be replaced by a stronger design. While the unsafe conrod support has a black surface finish, the strengthened modified component is distinguished by having a yellow galvanised surface and the inscription "Klemmung Index a". Since the conrod support was not in use beforehand as a separate part, the part number 551266 has been retained.

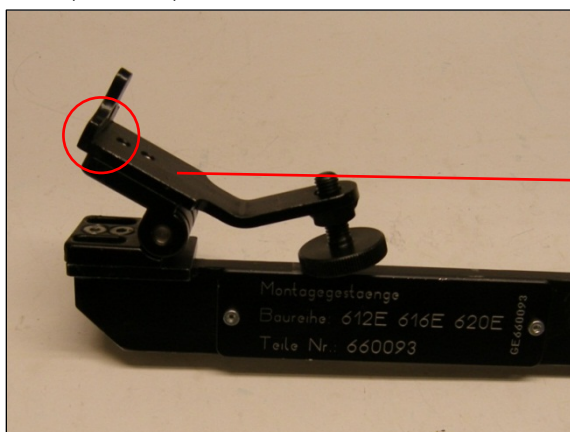
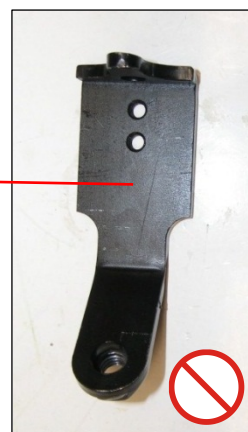


Fig. 01: OLD conrod support can break



OLD conrod support



NEW conrod support

#### REQUIRED ACTION / TIMETABLE

**IMMEDIATE ACTION NECESSARY!** The affected tools may no longer be used until modified by fitting the strengthened conrod support.

The modification will be executed via Quality Escape QE-42.

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## WORK STEPS FOR THE MODIFICATION

1. Remove the locking screw



Fig. 02: Removing the locking screw

2. Remove the two mounting screws on the conrod support

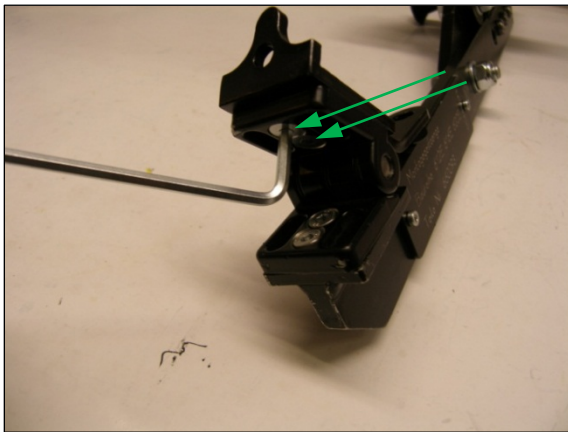


Fig. 03: Removing the mounting screws of the conrod support

3. Remove the two mounting screws on the hinged plate



Fig. 04: Removing the mounting screws of the hinged plate



4. Turn the hinged plate through 180° and fasten it in the new position; hand-tighten the screws

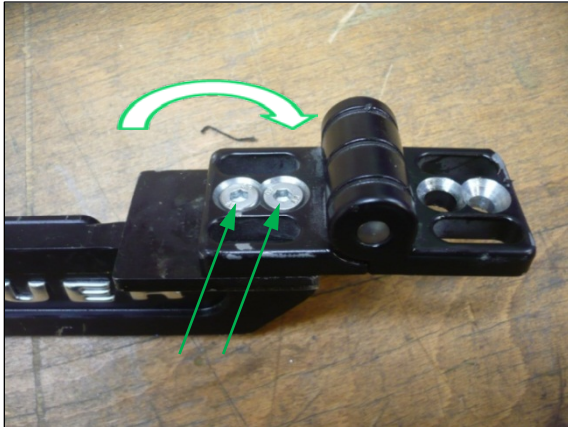


Fig. 05: Mounting the U-turned hinged plate



WRONG position



RIGHT position

5. Fasten the new strengthened conrod support to the hinged plate and hand-tighten both screws

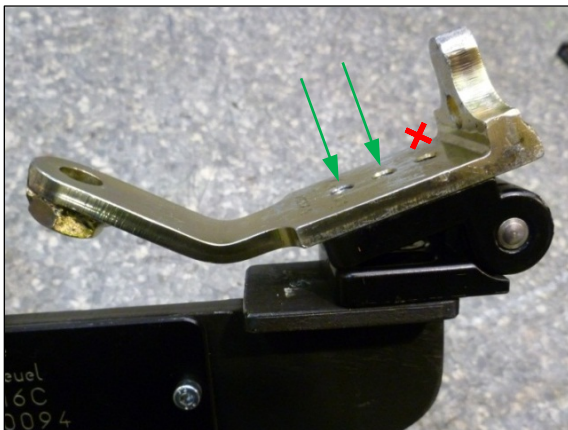


Fig. 06: Fastening the new conrod support (NO SCREW at the position highlighted by the RED CROSS)



6. Refit the locking screw



Fig. 07: Fitting the locking screw

7. Replace the type plate



Fig. 08: OLD type plate for tool P/N 660093

NEW type plate for tool P/N 660093 (J612...J620):  
NEW type plate for tool P/N 653388 (J624):



NEW type plate for tool P/N 660093

Engine Type J6xx-F and Tool Index a have been added  
Tool Index a has been added



8. Scrap the old conrod support and the old type plate immediately
9. Process the Service Request

## REQUIRED PARTS

The following parts are required:

- **For the conrod fitting tool P/N 660093 (J612...J620)**

PART NUMBER	QUANTITY	DESCRIPTION
551266	1	New conrod support
1221256	1	New type plate for the conrod fitting tool P/N 660093 (J612...J620)

Table 01: Required parts for the conrod fitting tool P/N 660093 (J612...J620)

- **For the conrod fitting tool P/N 653388 (J624)**

PART NUMBER	QUANTITY	DESCRIPTION
551266	1	New conrod support
1221255	1	New type plate for the conrod fitting tool P/N 653388 (J624)

Table 02: Required parts for the conrod fitting tool P/N 653388 (J624)

## RELEVANT DOCUMENTS

All the relevant instructions are part of the plant documentation handed over to every customer on delivery of an engine. The latest versions of documents referred to here can be downloaded from the Jenbacher web portal at <http://information.jenbacher.com> under the heading "Technical Knowledge Base".

- Technical Instruction TA 2300-0005, Safety instructions

## CONTACT INFORMATION

The person below will be pleased to answer any questions you may have:

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## REVISION CODE

INDEX	DATE	DESCRIPTION / REVISION SUMMARY
02	May 23, 2013	Required parts added
01	May 08, 2013	First version of this document

Table 03: Revision history