

User's manual

Thread Repair Kit

63323



Illustration similar, may vary depending on model

Read and follow the operating instructions and safety information before using for the first time.

Technical changes reserved!

Illustrations, functional steps, and technical data may deviate insignificantly due to continuous further developments.

Updating the documentation

If you have suggestions for improvement or have found any irregularities, please contact us.





The information contained in this document may alter at any time without prior notice. No part of this document may be copied or otherwise duplicated without prior written consent. All rights reserved. WilTec Wildanger Technik GmbH cannot be held liable for any possible mistakes in this operating manual, nor in the diagrams and illustrations shown.

Although WilTec Wildanger Technik GmbH has made every possible effort to ensure that this operating manual is complete, accurate, and up-to-date, errors cannot be ruled out entirely.

If you have found an error or wish to suggest an improvement, we look forward to hearing from you.

Send us an e-mail to:

service@wiltec.info

or use our contact form:

<https://www.wiltec.de/contacts/>

The most recent version of this manual in several languages can be found in our online shop:

<https://www.wiltec.de/docsearch>

Our postal address is:

WilTec Wildanger Technik GmbH
Königsbenden 12
52249 Eschweiler – Germany

To return your goods for exchange, repair, or other purposes, please use the following address. Attention! To allow for a trouble-free complaint or return, it is important to contact our customer service team before returning your goods.

Retourenabteilung
WilTec Wildanger Technik GmbH
Königsbenden 28
52249 Eschweiler – Germany

E-mail: **service@wiltec.info**

Tel: +49 2403 55592–0

Fax: +49 2403 55592–15





Introduction

Thank you for choosing to purchase this quality product. To minimise the risk of injury, we ask you to always take some basic safety precautions when using this product. Please read this operating manual carefully and make sure that you understand it.
Keep these operation instructions in a safe place.

Safety instructions

- During use, wear suitable protective clothing, especially protective goggles and work gloves.
- Only use the tool and its accessories properly. Improper use might lead to property damage and personal injury.
- Before every use, check the tool for damages or wear and tear. Should you detect any of them, the tool must not be used any longer.
- Do not try to extend the lever of the tool holders with the help of other objects (e.g., tubes).
- Always clamp the tool and work pieces firmly and securely.
- It is advisable to always use cutting oil.
- Do not recut a thread in case you do not know about its exact type and size.
- Choose the correct core hole size and bolt diameter.
- Clean the tool and its accessories after every use and remove chips with appropriate devices. Never clean them bare-handed.
- Before use, always check the type and size of the thread.

Use

Drilling

- Use a standard drill to drill out the damaged thread. The correct drills are included up to size of M12 ($\frac{1}{2}$ ").
- If using the particular spark-plug-bore drill, you will not need to pre-drill the thread. Please note that you larger holes are required if using thread moulders.

Checking

Check the thread and pitch of the thread drill to know if they match the screw.

Thread-cutting

- With the use of the special thread drills, cut the mounting thread into the pre-drilled hole.
- It is advisable to use an appropriate cutting oil.

Installing the inset

- Set the inset on to the mounting tool and position the adjustable ring so that the pin of the mounting tool is centred in the pin slot.
- With a slight pressure, turn the inset in down until it is half a turn beneath the surface.
- Do not turn against the direction of the thread, as the pin could break.

Removing the pin

- After finishing, lift the mounting tool and use the pin-breaking tool to remove the pin.
- When working on larger sizes or spark-plug thread, use needle-nose pliers to remove the pin.
- Thanks to the narrow and precise tolerances, the new thread is normally stronger than the old one.



Step 1

Drill out the damaged thread with a correctly sized drill (included).

Step 3

Set the spiral inset into the applicator.

Step 5

Use the breaking tool to break off the pin of the spiral inset.

Step 2

Finish the pre-drilled hole with the thread drill included.

Step 4

Screw in the spiral into the cast piece.

Step 6

The thread is repaired and ready for use.

Important Note:

Reproduction and any commercial use (of parts) of this operating manual, requires a written permission of WilTec Wildanger Technik GmbH.

