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Offset Reamer Drivers – Technical Guide

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Offset Reamer Drivers – Technical Guide

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Overview

The Enztec Reamer Drivers allow the reamer to be placed in the incision prior to connection, supporting a Direct Anterior Approach.

These are available, with a traditional locking capture, or novel open capture.

The locking version allows forward and reverse reaming with crossbar reamers.

The open version is for forward reaming only.



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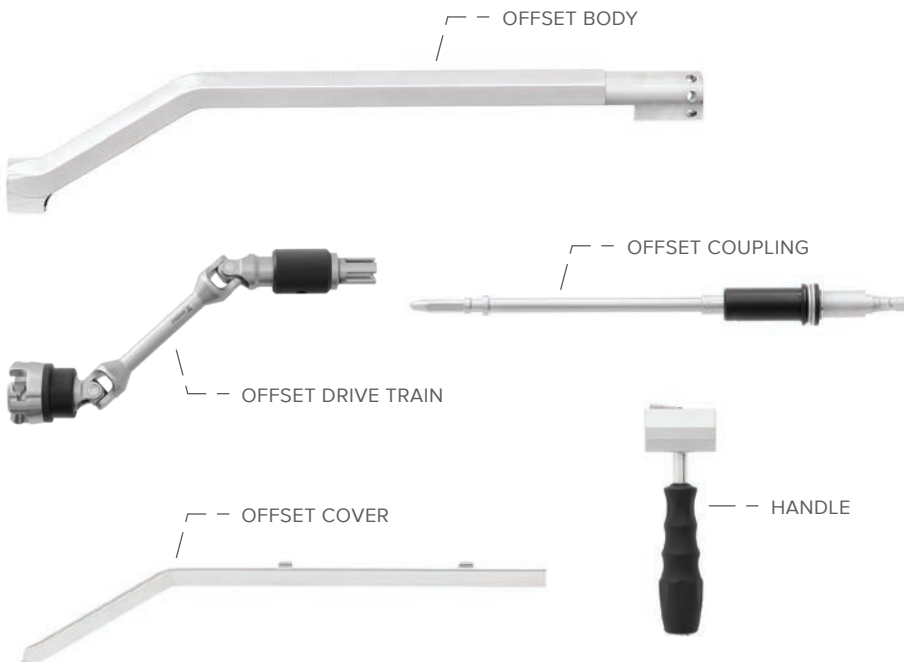
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Components & Features

The Enztec Offset Reamer Drivers consist of five components; the Offset Body, Offset Cover, Offset Coupling, Offset Drive Train and Handle.

The Offset Coupling is available with a Zimmer, Hudson, or Large AO connection. The Offset Drive Train is available with a traditional locking capture, or novel open capture.

This modularity provides set flexibility as all parts are field changeable.



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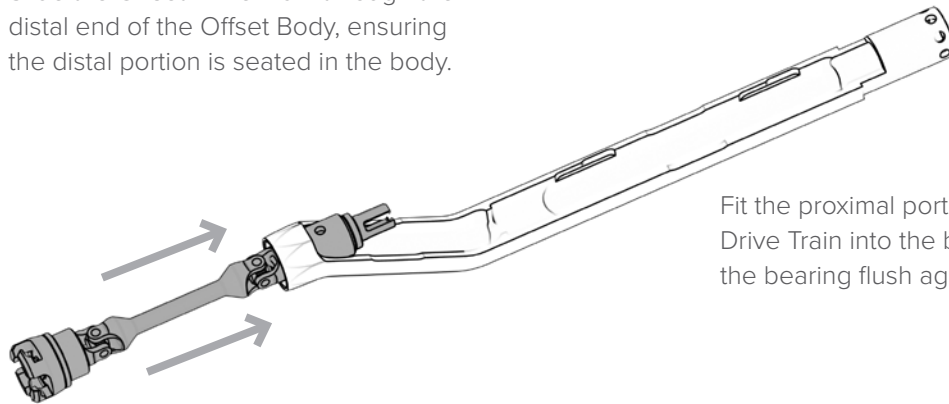
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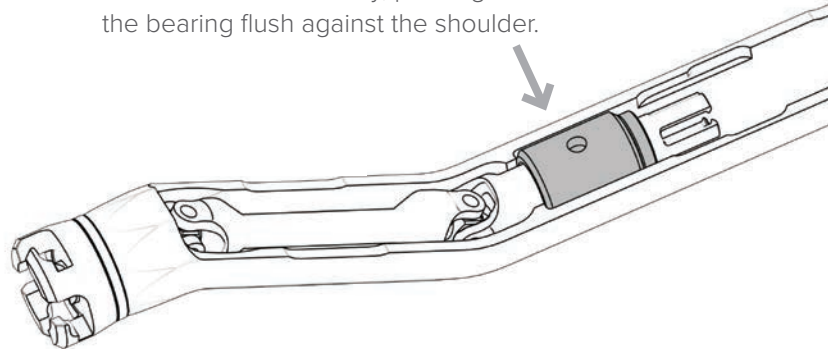
Step One – Assembly

Fit Offset Drive Train

Slide the Offset Drive Train through the distal end of the Offset Body, ensuring the distal portion is seated in the body.



Fit the proximal portion of the Offset Drive Train into the body, pushing the bearing flush against the shoulder.

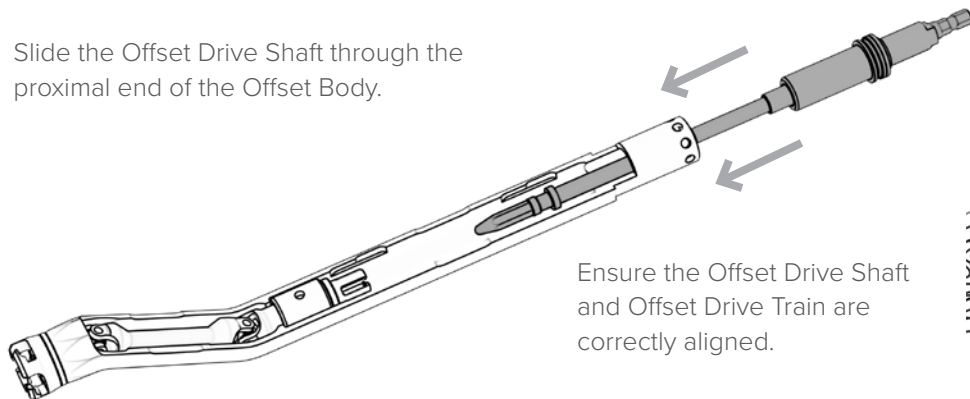


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Step Two – Assembly

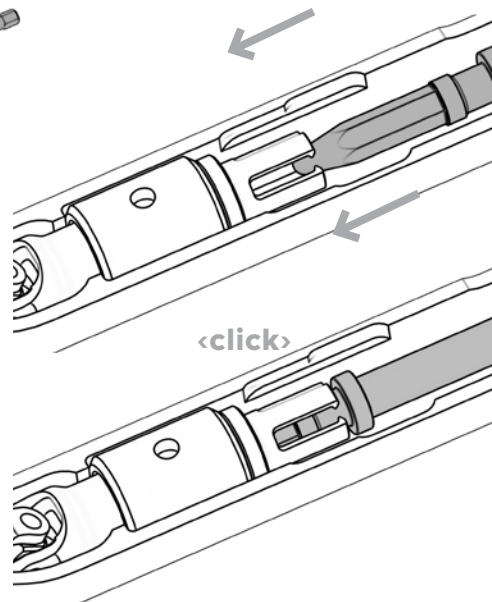
Fit Offset Drive Shaft

Slide the Offset Drive Shaft through the proximal end of the Offset Body.



Ensure the Offset Drive Shaft and Offset Drive Train are correctly aligned.

Push until you hear an audible click as the Offset Drive Shaft engages into the Offset Drive Train.



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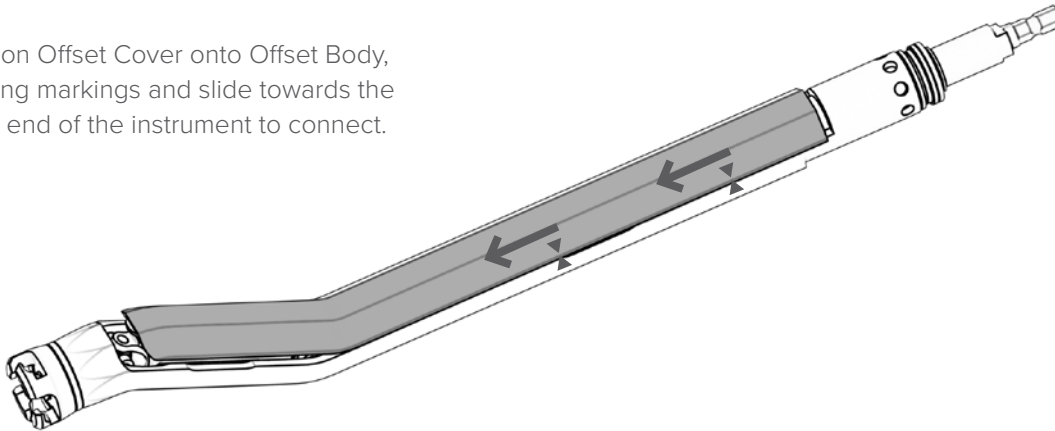
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Step Three – Assembly

Fit Offset Cover

Position Offset Cover onto Offset Body, aligning markings and slide towards the distal end of the instrument to connect.

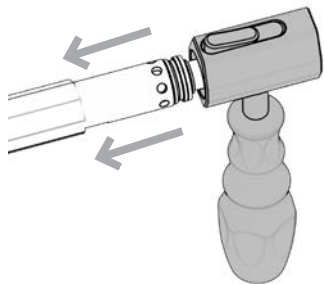


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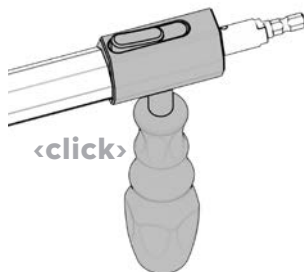
Step Four – Assembly

Fit Handle

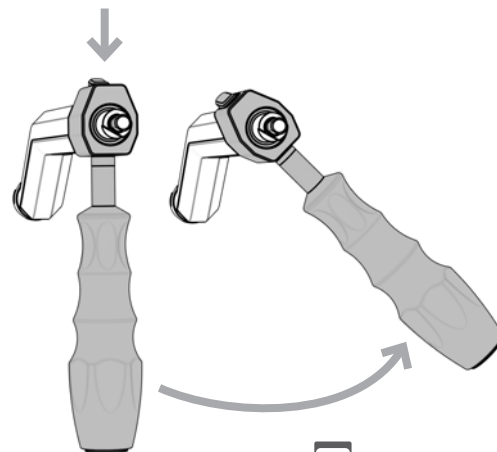
Slide Handle onto Offset Body.



Ensure the handle securely locks into position by pushing it towards the Offset Body until you hear an audible click.



The Handle can be indexed in 45° increments by depressing the button on top of the handle and rotating to the desired position.



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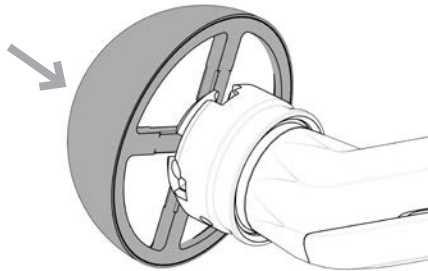
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Attach / Detach Reamer – Locking

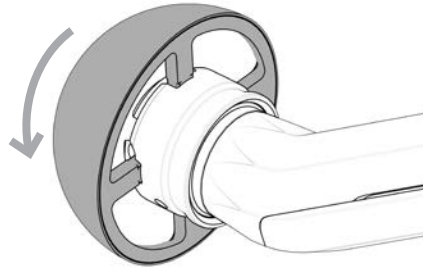
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The Enztec Offset Reamer Driver – Locking is compatible with crossbar reamers

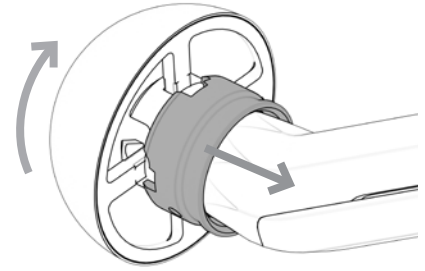
Push reamer against the coupling head sleeve.



Twist the reamer in a clockwise direction to lock into the coupling.



To detach, pull sleeve away from reamer and twist reamer anticlockwise to remove.

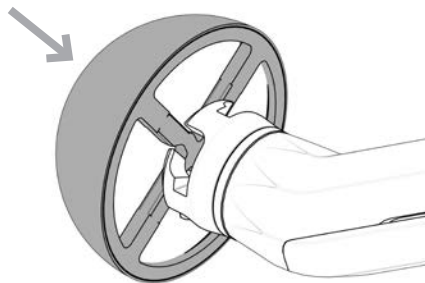


Note that if the drill is not attached you may need to hold the protruding end of the Offset Drive Shaft to prevent rotation of the coupling head.

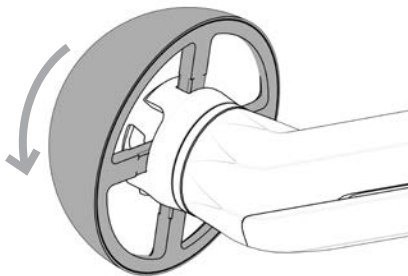
Attach / Detach Reamer – Open

The Enztec Offset Reamer Driver – Open is compatible with crossbar reamers

Push reamer into coupling head.



Twist in a clockwise direction to attach.



To detach, twist reamer anticlockwise and remove reamer.

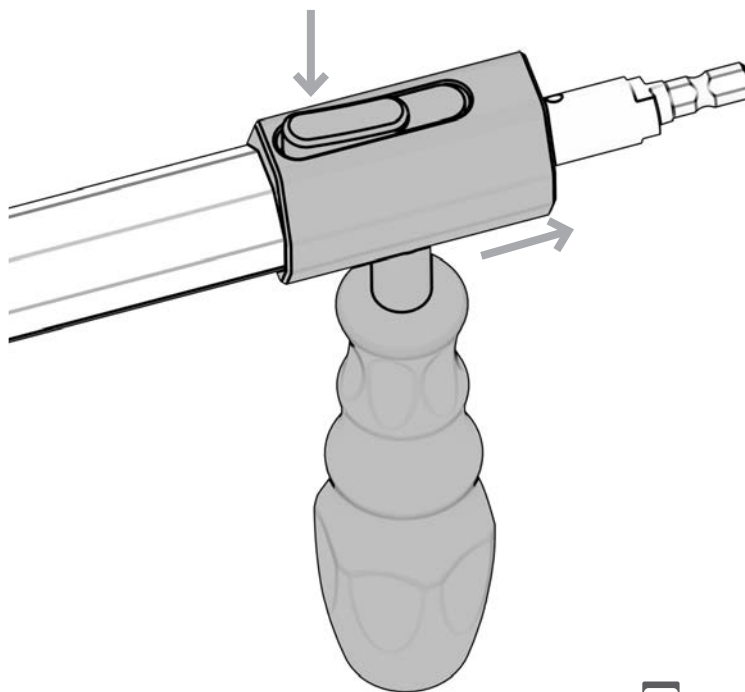


Note that if the drill is not attached you may need to hold the protruding end of the Offset Drive Shaft to prevent rotation of the coupling head.

Step One – Disassembly

Remove Handle

Depress the button on the top of the handle and slide the handle off the Reamer Driver.



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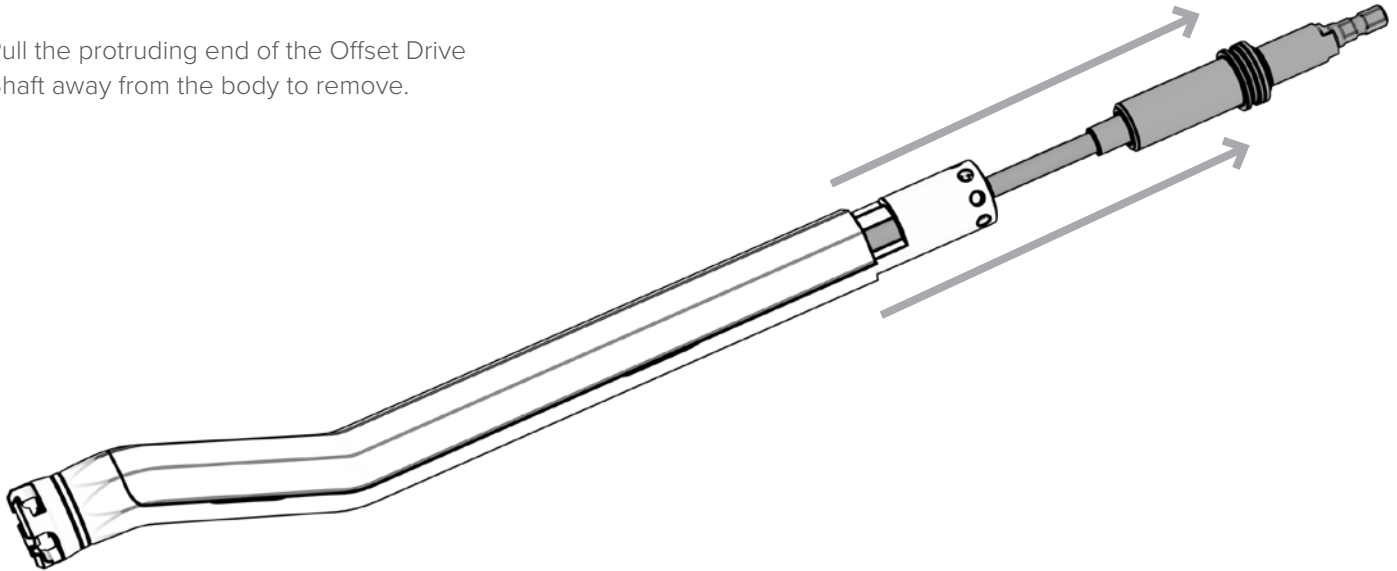
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Step Two – Disassembly

Remove Offset Drive Shaft

Pull the protruding end of the Offset Drive Shaft away from the body to remove.

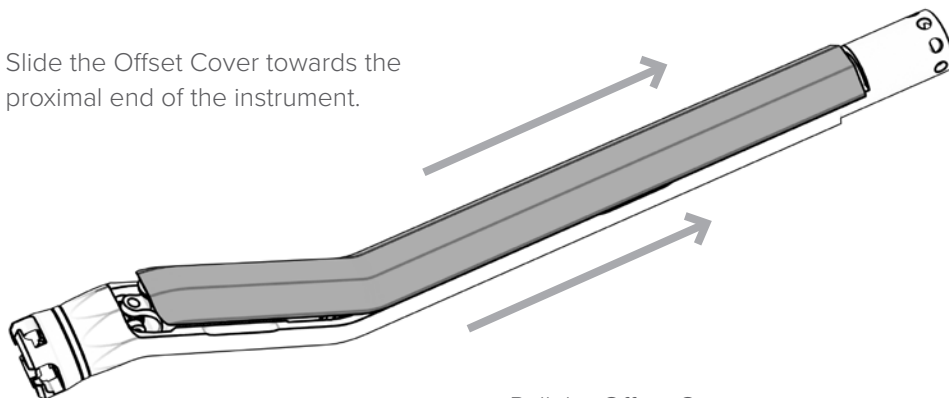


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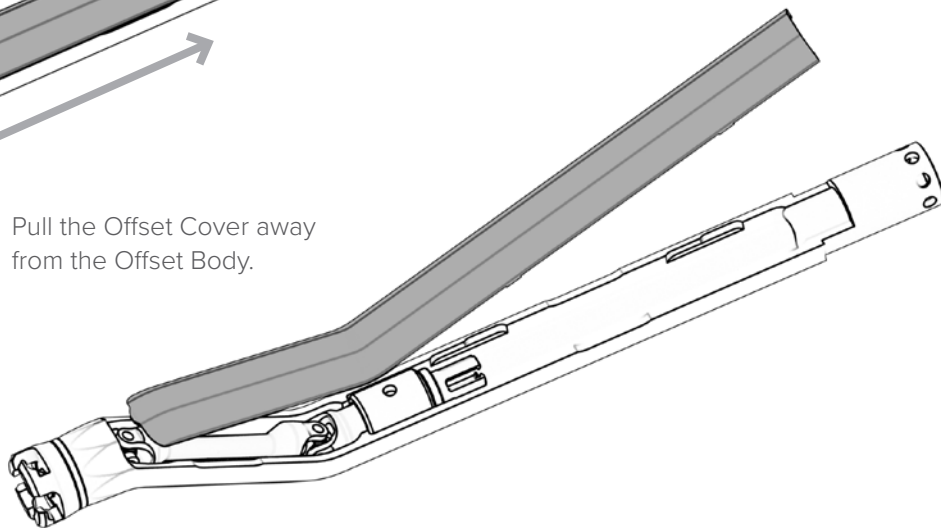
Step Three – Disassembly

Remove Offset Cover

Slide the Offset Cover towards the proximal end of the instrument.



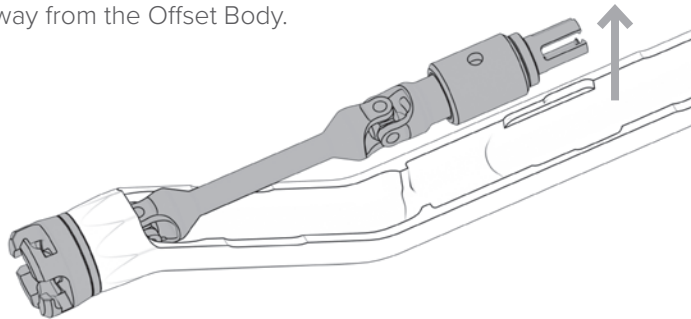
Pull the Offset Cover away from the Offset Body.



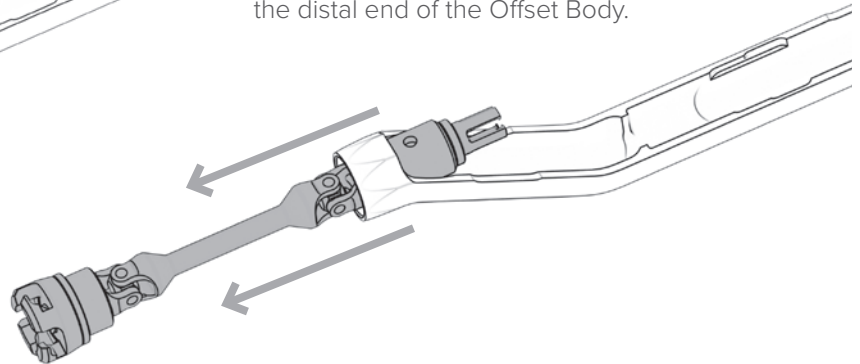
Step Four – Disassembly

Remove Offset Drive Train

Pull the Offset Drive Train bearing away from the Offset Body.



Pull the Offset Drive Train out of the distal end of the Offset Body.



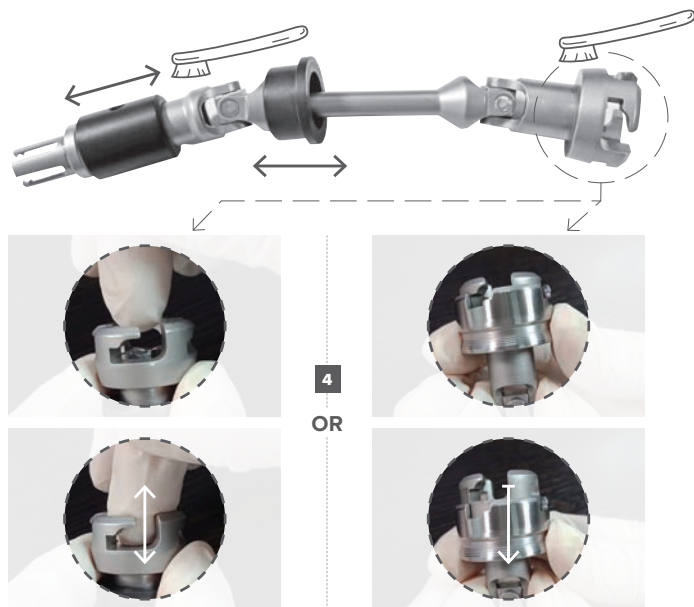
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Cleaning

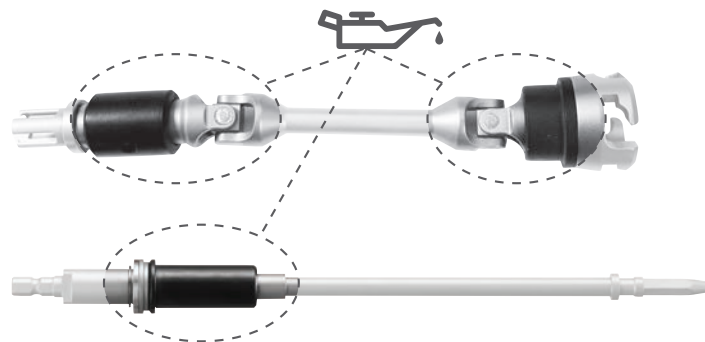
Pre Cleaning



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Post Cleaning Lubrication



- During manual cleaning, actuate all moving parts to ensure access to all areas.
- Post cleaning, apply lubricant to all joint areas as highlighted, to extend longevity of your device.

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Offset Reamer Drivers

| | |
|-------------|---|
| 51.34.1150A | Offset reamer driver – Locking – AO |
| 51.34.1151A | Offset reamer driver – Open – AO |
| 51.34.1169A | Offset reamer driver – Locking – Zimmer |
| 51.34.1170A | Offset reamer driver – Open – Zimmer |
| 51.34.1171A | Offset reamer driver – Locking – Hudson |
| 51.34.1172A | Offset reamer driver – Open – Hudson |



Replacement Parts

4250-7048 Offset Body

4250-7031 Offset Cover

4250-7012 Handle

OFFSET DRIVE TRAIN

4250-7035 Open

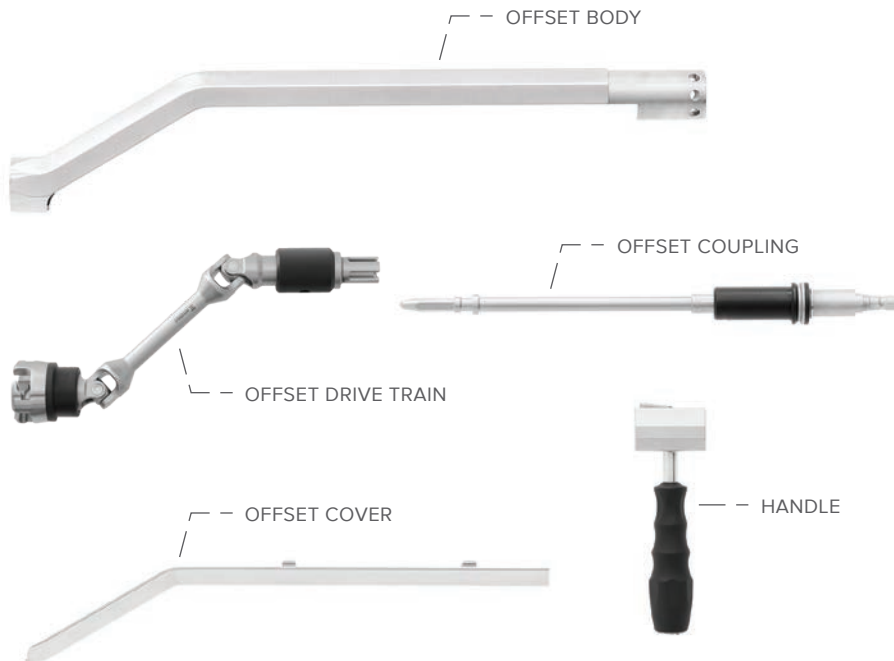
4250-7036 Locking – Crossbar

OFFSET COUPLING

4250-7032 Zimmer

4250-7033 Hudson

4250-7034 Large AO



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A surgeon must always rely on his or her own professional clinical judgement when deciding which products and/or techniques to use on individual patients. Enztec is not dispensing medical advice and recommends that surgeons be trained in orthopaedic surgeries before performing any surgeries.

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