



Offset Reamer Drivers – Technical Guide



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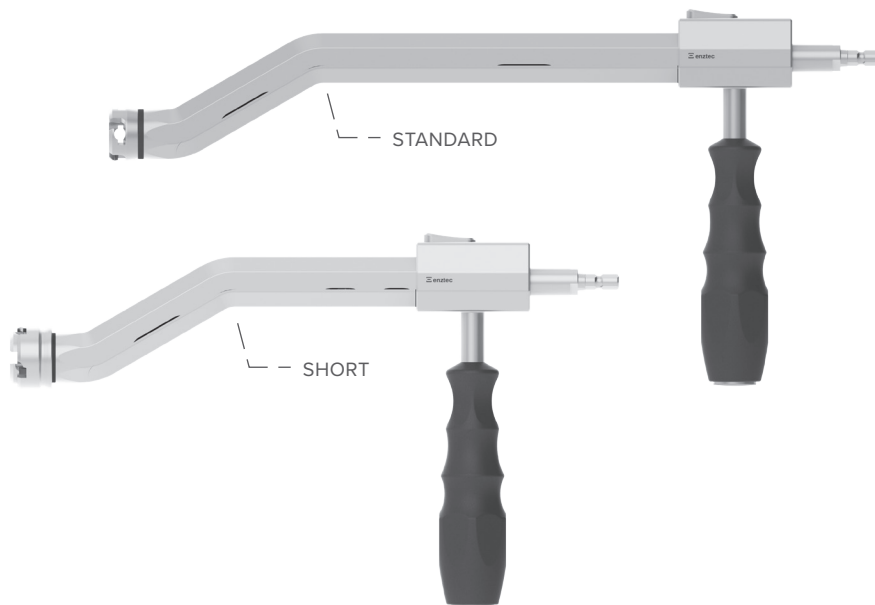
# Overview

The Enztec Offset Reamer Drivers are available in standard and short lengths, supporting Direct Anterior and Posterior Approaches, and catering to a wide range of user needs.

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

The locking version has two variants, for crossbar or bridgeback reamers, with both allowing forward and reverse reaming.

The open version allows the reamer to be placed in the incision prior to connection, supporting minimal incisions. It accepts crossbar reamers and is for forward reaming only.

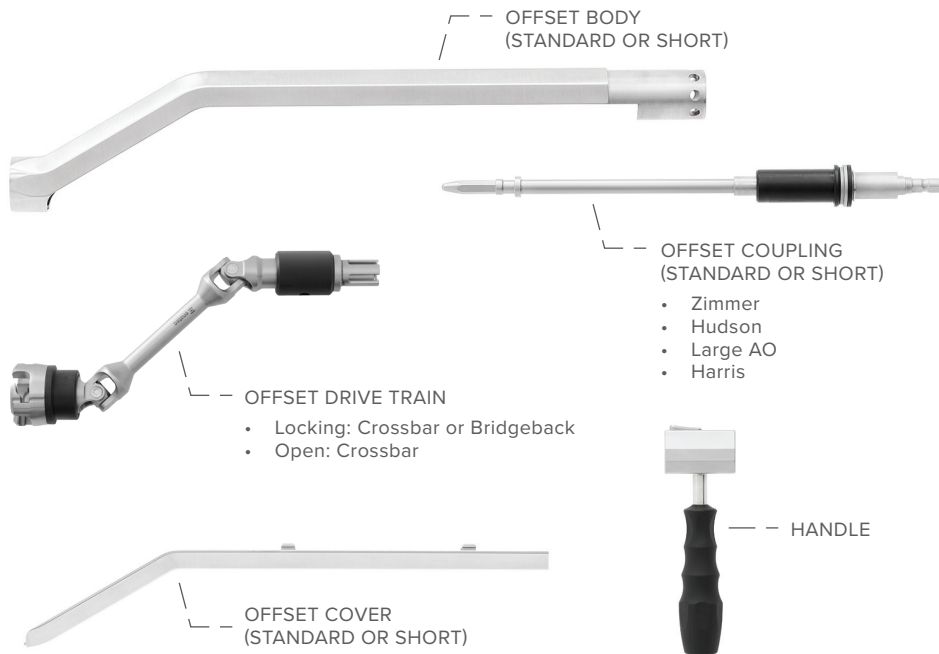


# Components & Features

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

Set flexibility is provided through field changeable, modular parts.

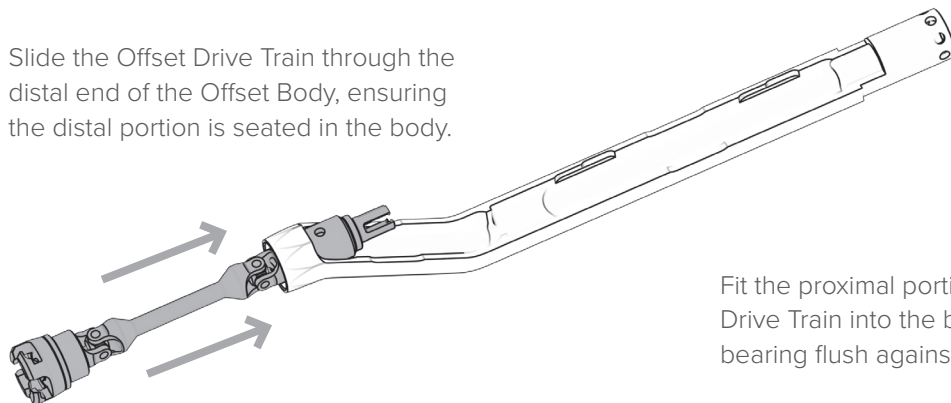
There is interchangeability between the standard and short lengths with the Offset Drive Train and Handle being common components.



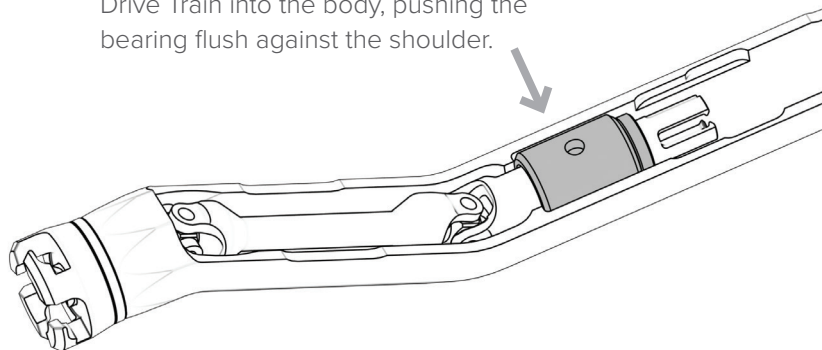
# Step One – Assembly

## 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.



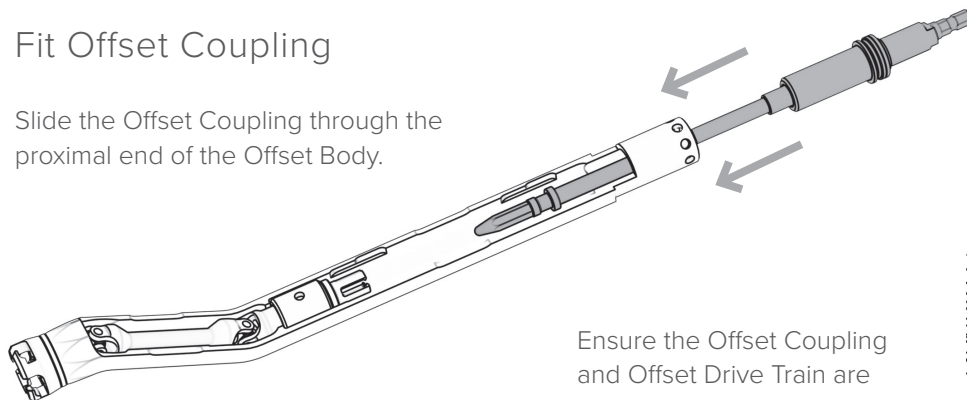
Fit the proximal portion of the Offset Drive Train into the body, pushing the bearing flush against the shoulder.



## Step Two – Assembly

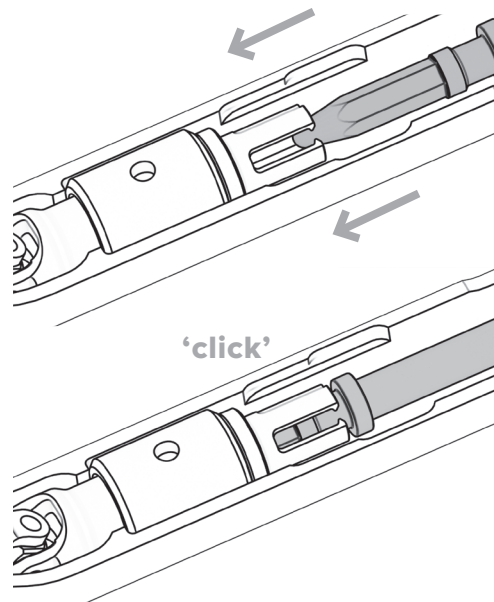
### Fit Offset Coupling

Slide the Offset Coupling through the proximal end of the Offset Body.



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

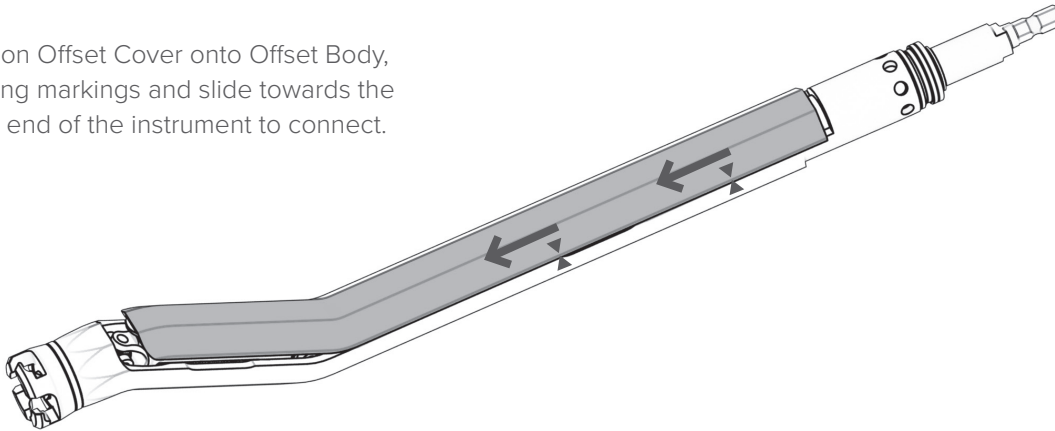
Push until you hear an audible click as the Offset Coupling engages into the Offset Drive Train.



## Step Three – Assembly

### Fit Offset Cover

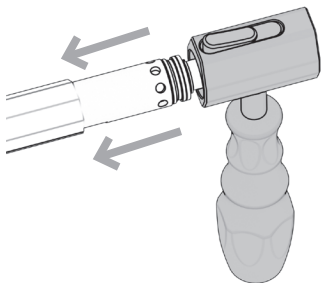
Position Offset Cover onto Offset Body, aligning markings and slide towards the distal end of the instrument to connect.



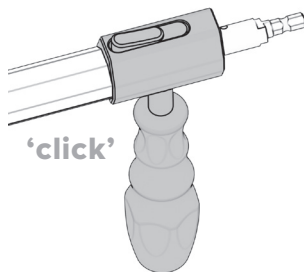
## Step Four – Assembly

### Fit Handle

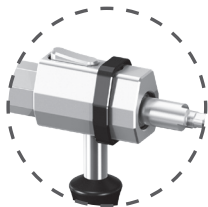
Slide Handle onto Offset Body.



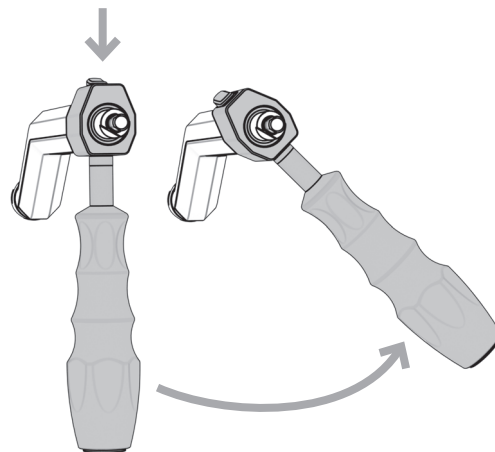
Ensure the handle securely locks into position by pushing it towards the Offset Body until you hear an audible click.



Note: For users that like to hold the device at the handle junction, a Lock Ring is available for purchase to prevent accidental disassembly of the device.



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



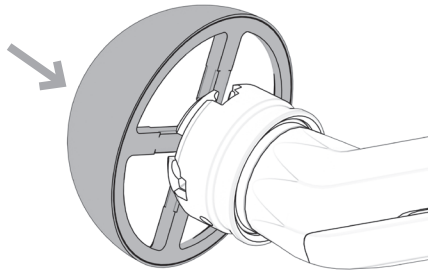


# Attach/Detach Reamer – Locking

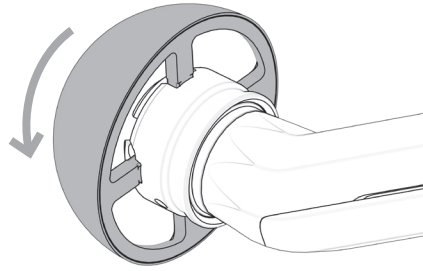
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The Enztec Offset Reamer Driver – Locking is available in two variants compatible with either crossbar or bridgeback reamers

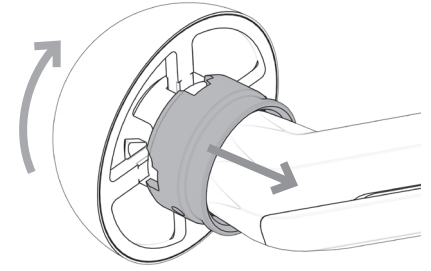
Push reamer against the coupling head sleeve.



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.

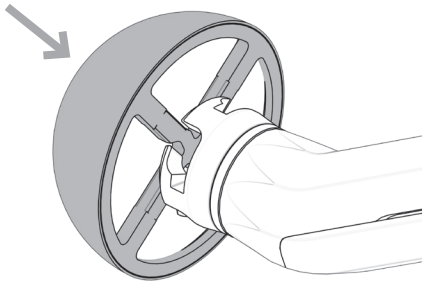


Note that if the drill is not attached you may need to hold the protruding end of the Offset Coupling to prevent rotation of the coupling head.

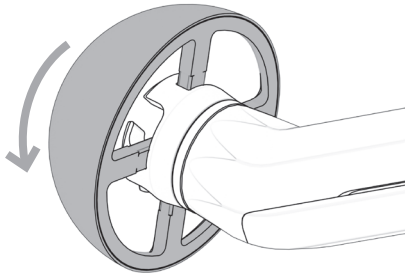
# Attach/Detach Reamer – Open

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

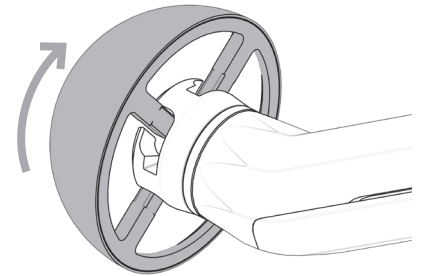
Push reamer into coupling head.



Twist in a clockwise direction to attach.



To detach, twist reamer anticlockwise and remove reamer.

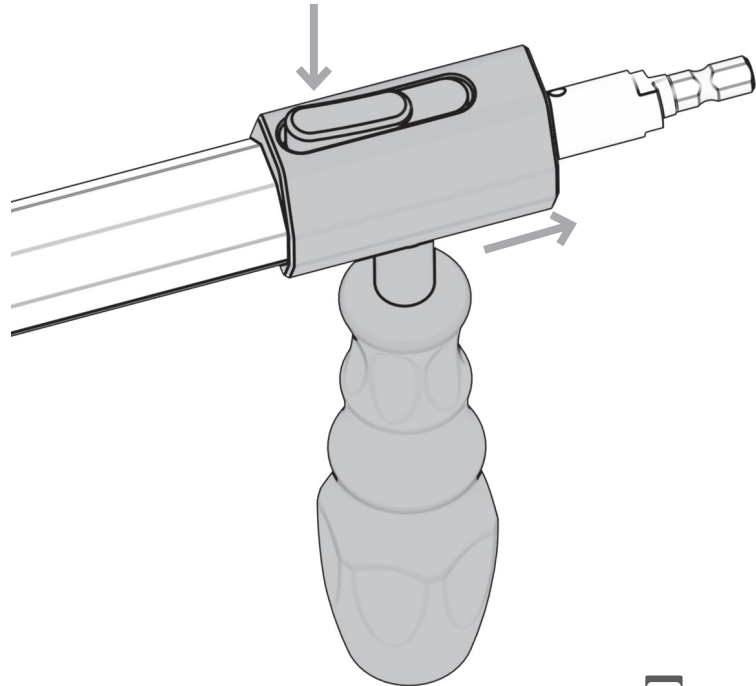


Note that if the drill is not attached you may need to hold the protruding end of the Offset Coupling to prevent rotation of the coupling head.

# Step One – Disassembly

## Remove Handle

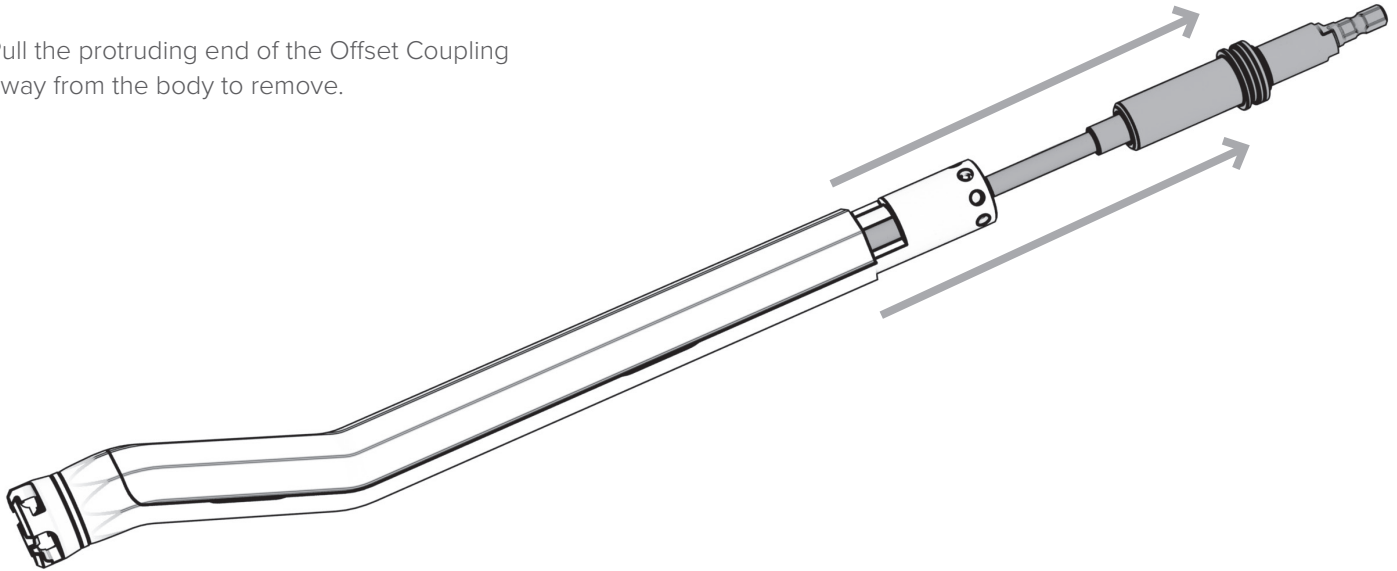
Depress the button on the top of the handle and slide the handle off the Reamer Driver.



## Step Two – Disassembly

### Remove Offset Coupling

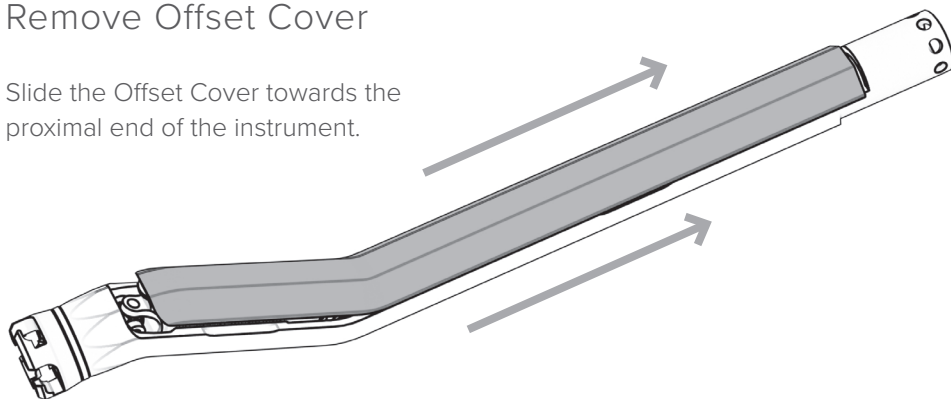
Pull the protruding end of the Offset Coupling away from the body to remove.



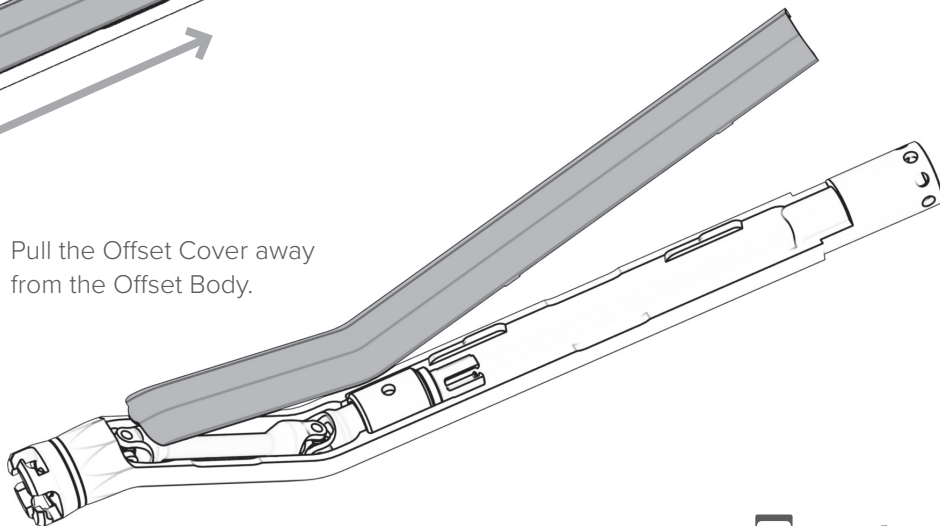
## Step Three – Disassembly

### Remove Offset Cover

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



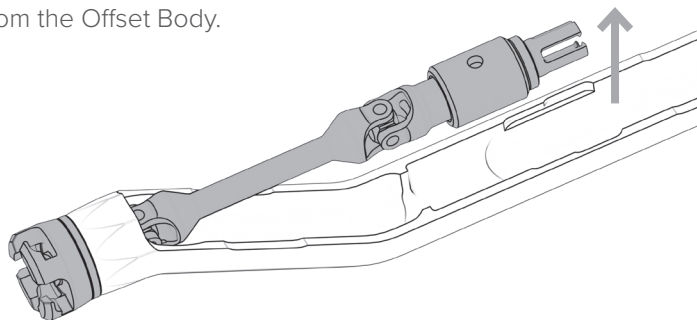
Pull the Offset Cover away from the Offset Body.



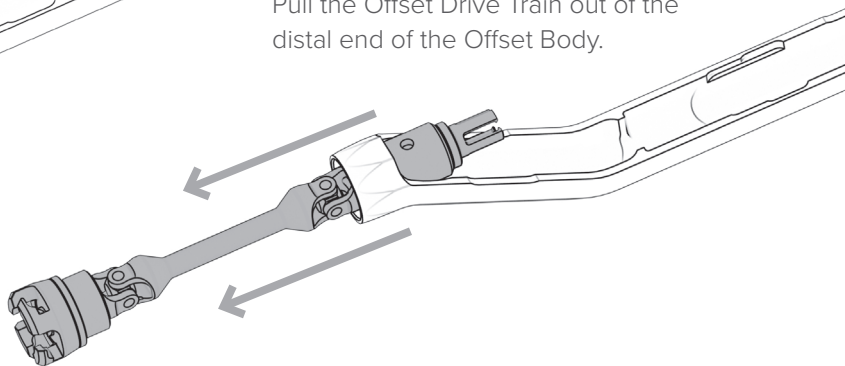
## Step Four – Disassembly

### Remove Offset Drive Train

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

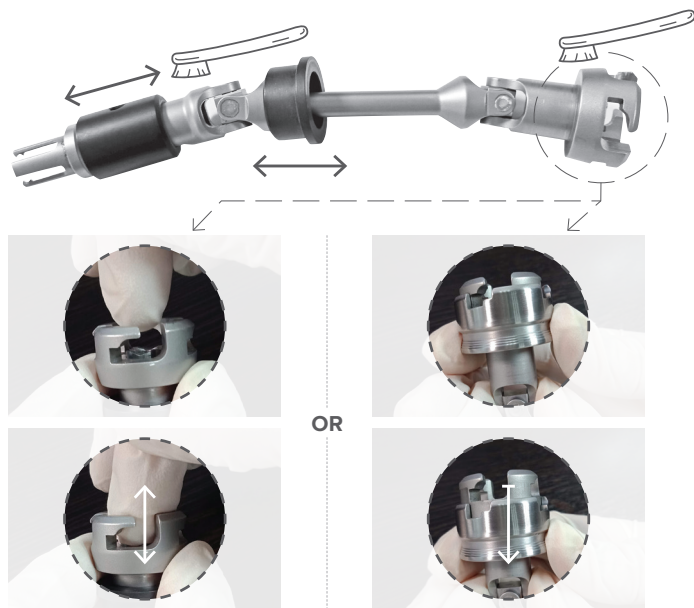


Pull the Offset Drive Train out of the distal end of the Offset Body.

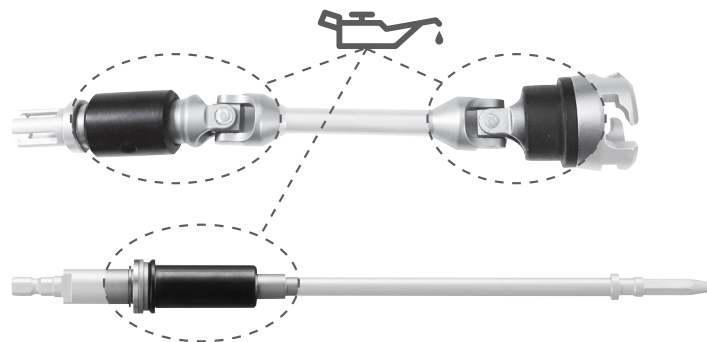


# Cleaning

## Pre Cleaning



## 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.

## Offset Reamer Drivers – Standard

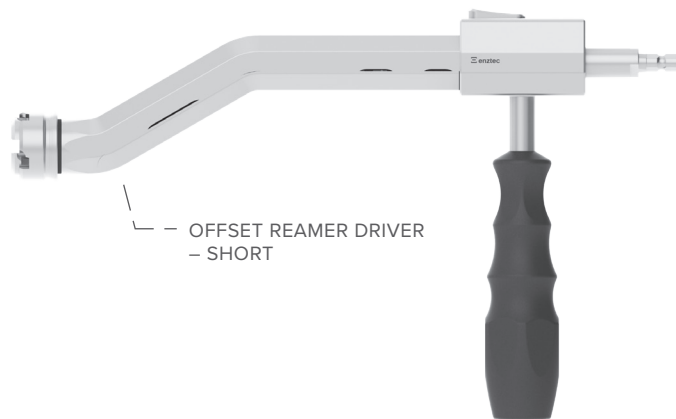
4250-7030	Open – Zimmer
4250-7060	Open – Hudson
4250-7080	Open – Large AO
4250-7100	Open – Harris
4250-7050	Locking – Crossbar – Zimmer
4250-7070	Locking – Crossbar – Hudson
4250-7090	Locking – Crossbar – Large AO
4250-7105	Locking – Crossbar – Harris
4250-7055	Locking – Bridgeback – Zimmer
4250-7075	Locking – Bridgeback – Hudson
4250-7095	Locking – Bridgeback – Large AO
4250-7110	Locking – Bridgeback – Harris





## Offset Reamer Drivers – Short

4250-7608	Open – Zimmer
4250-7609	Open – Hudson
4250-7610	Open – Large AO
4250-7611	Open – Harris
4250-7600	Locking – Crossbar – Zimmer
4250-7601	Locking – Crossbar – Hudson
4250-7602	Locking – Crossbar – Large AO
4250-7603	Locking – Crossbar – Harris
4250-7604	Locking – Bridgeback – Zimmer
4250-7605	Locking – Bridgeback – Hudson
4250-7606	Locking – Bridgeback – Large AO
4250-7607	Locking – Bridgeback – Harris



## Replacement Parts

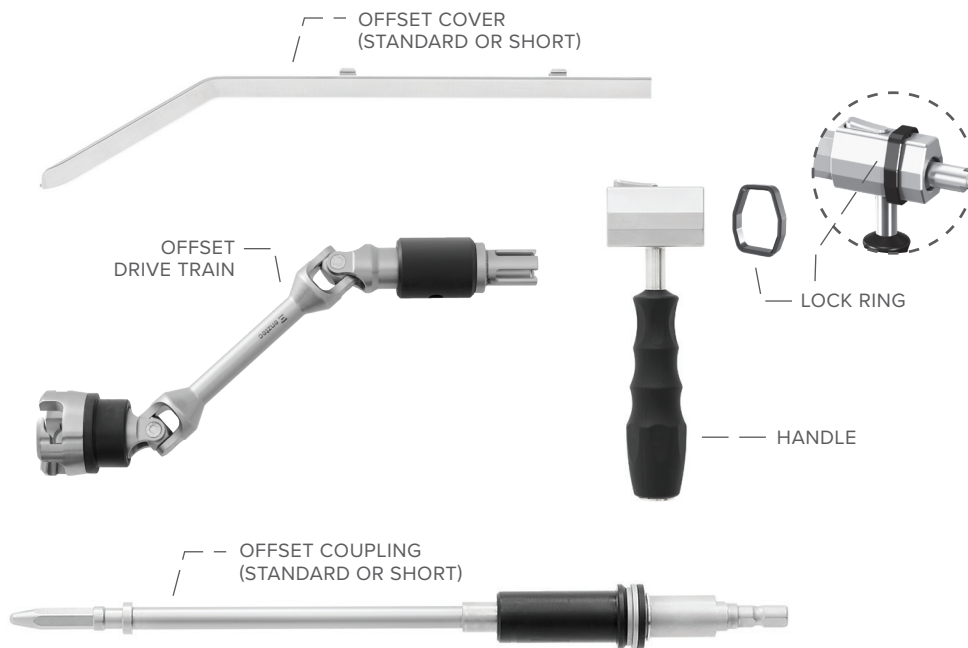
4250-7031	Offset Cover – Standard
4250-7641	Offset Cover – Short
4250-7012	Handle
4250-7111	Lock Ring

### OFFSET DRIVE TRAIN

4250-7035	Open
4250-7036	Locking – Crossbar
4250-7037	Locking – Bridgeback

### OFFSET COUPLING

4250-7032	Zimmer – Standard
4250-7631	Zimmer – Short
4250-7033	Hudson – Standard
4250-7632	Hudson – Short
4250-7034	Large AO – Standard
4250-7633	Large AO – Short
4250-7047	Harris – Standard
4250-7634	Harris – Short



## Nota Bene

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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.

The information presented is intended to demonstrate the breadth of Enztec product offerings. Always refer to the package insert, product label and/or user instructions before using any Enztec product. Products may not be available in all markets. Product availability is subject to the regulatory or medical practices that govern individual markets. Please contact your Enztec representative if you have any questions about the availability of Enztec products in your area.

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