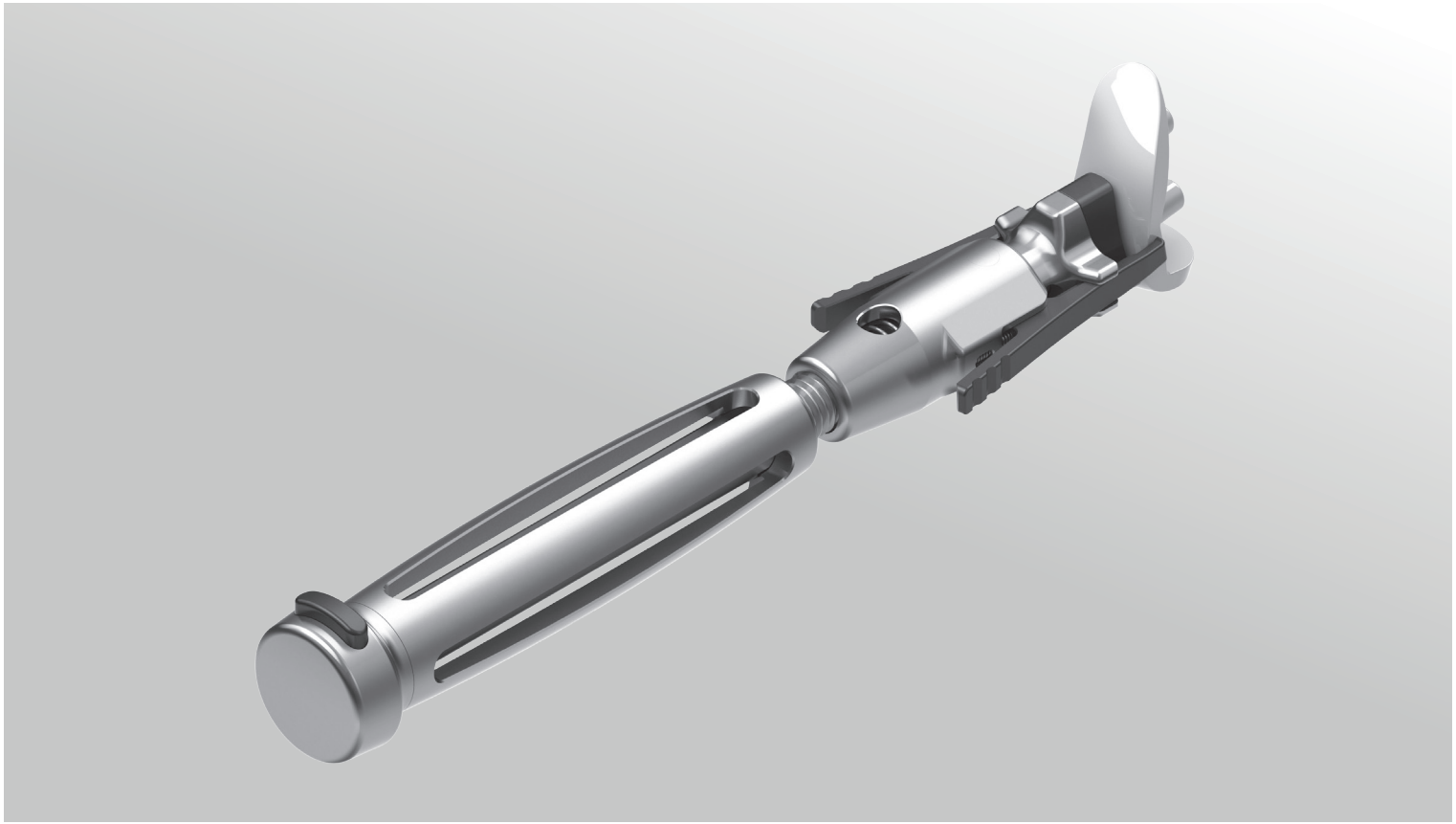

Partial Knee Femoral Impactor with Slap Hammer – Technical Guide

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Contents

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Overview

The Enztec Partial Knee Femoral Impactor with Slap Hammer provides reliable, stable grip of implants and facilitates controlled impaction and introduction with the added functionality of the Slap Hammer allowing for femoral trial extraction.

Implant compatibility will be assessed upon initial enquiry. Our solutions accommodate a broad range of bearing and condylar surface geometries, as well as various retention features, with the flexibility to adapt when unique requirements arise.

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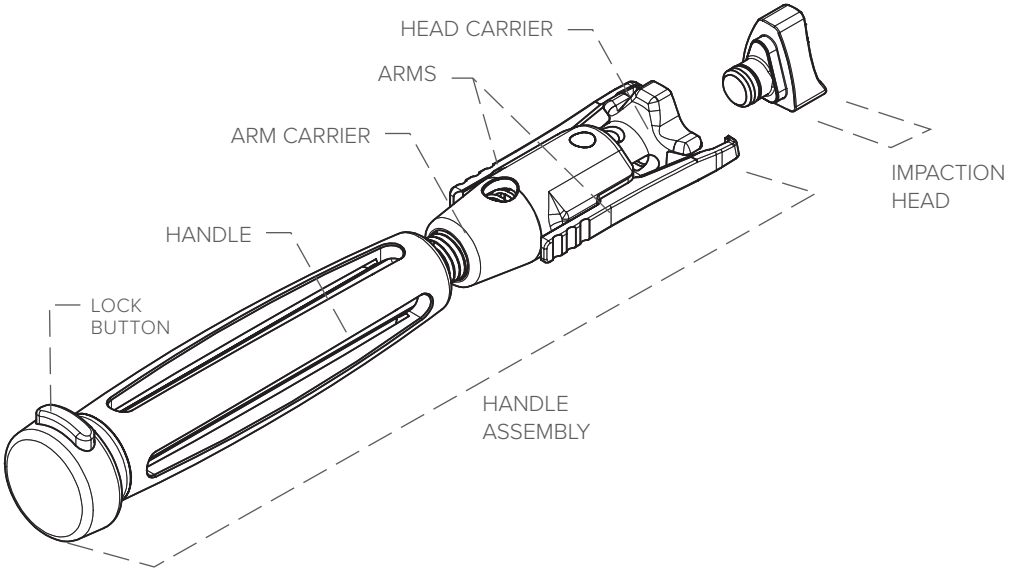
Components & Features

The Enztec Partial Knee Femoral Impactor with Slap Hammer consists of two components; the Handle Assembly and the Impaction Head.

The Handle Assembly comprises the Handle, Arms, Arm Carrier, Head Carrier and Lock Button. These components can not be disassembled from the Handle Assembly, however the Impaction Head can be disassembled from the Handle Assembly for cleaning.



Configuration

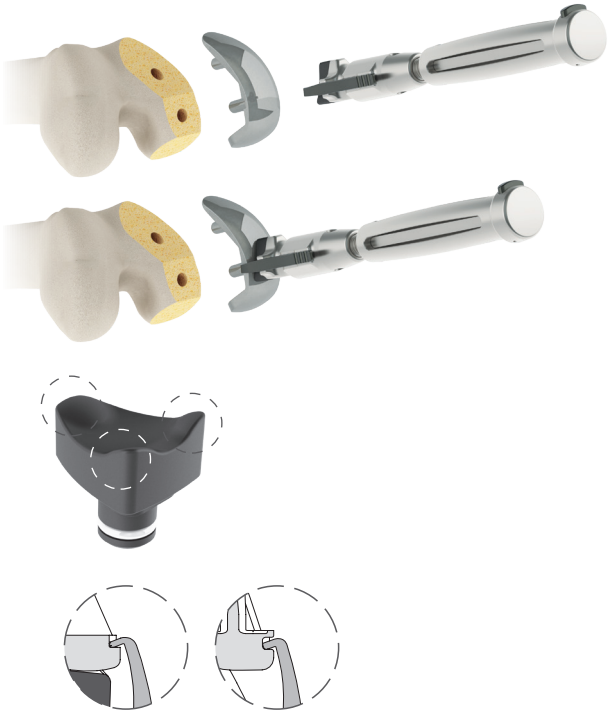
The Enztec Partial Knee Femoral Impactor with Slap Hammer has been thoughtfully designed to support controlled femoral component positioning and impaction.

Its geometry balances in-hand stability and effective impaction transmission while supporting clear visibility, streamlining access to the joint space.

Featuring a polymer impaction head with three contact points, the design promotes even load distribution during impaction, enhanced control and stability of the component during introduction and seating, and providing confidence that the implant surface is protected.

Featuring low profile arms with an easy grip design for seamless handling during loading and unloading of the femoral component. We work with a wide variety of bearing and condylar surface geometries, as well as varying retention features.

Note: New orders will be assessed upon initial enquiry to ensure compatibility with your implant.



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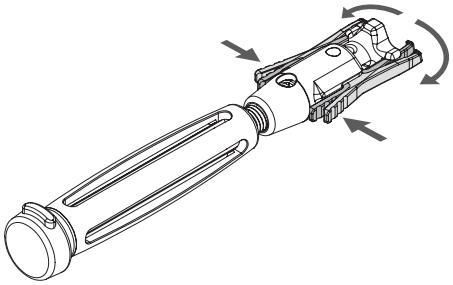
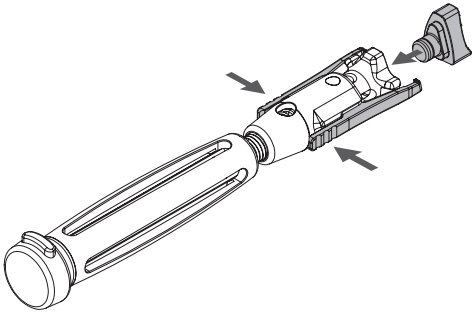
Assembly – Step One

Attach Impaction Head

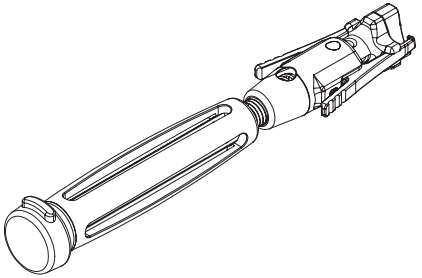
Press the Arms toward each other, allowing the tips of the Arm to splay.



Push the Impaction Head into the Head Carrier.



Release the Arms.

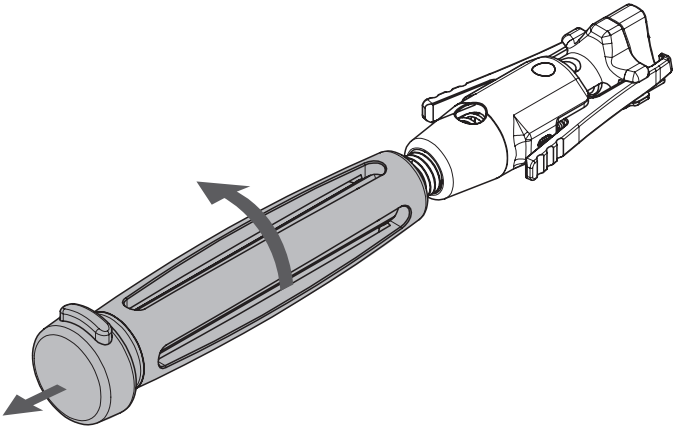


Visually check for any gaps between the Impaction Head and the Head Carrier to ensure the Impaction Head is fully seated.

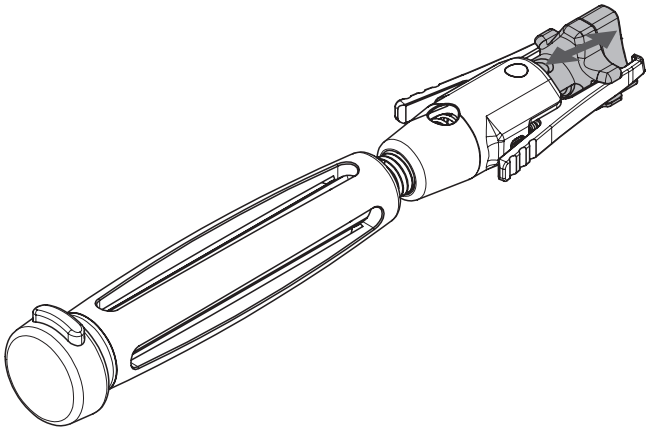
Assembly – Step Two

Position Handle to accept Femoral Component

Rotate the handle anticlockwise to move the Handle away from the Arm Carrier.



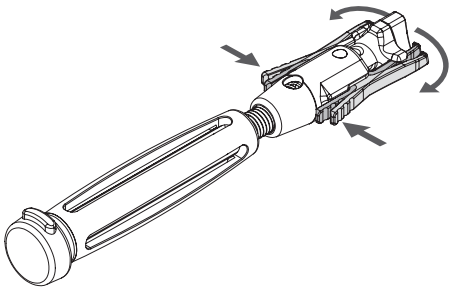
This allows vertical movement of the Head Carrier which enables Femoral Components to be fitted.



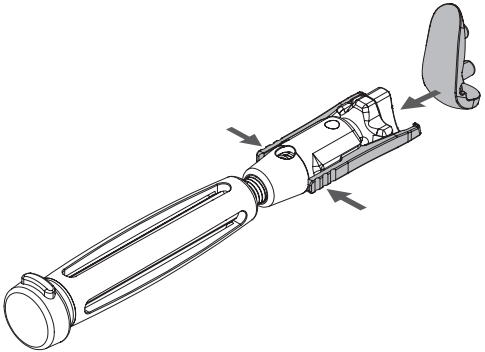
Assembly – Step Three

Attach Femoral Component

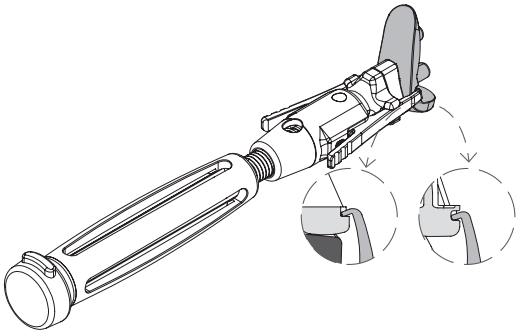
Press the Arms towards each other allowing the tips of the Arms to splay.



Press the condylar surface of the Femoral Component into contact with the Impaction Head



Release the Arms ensuring the tips of the Arms locate within the pockets of the Femoral Component.

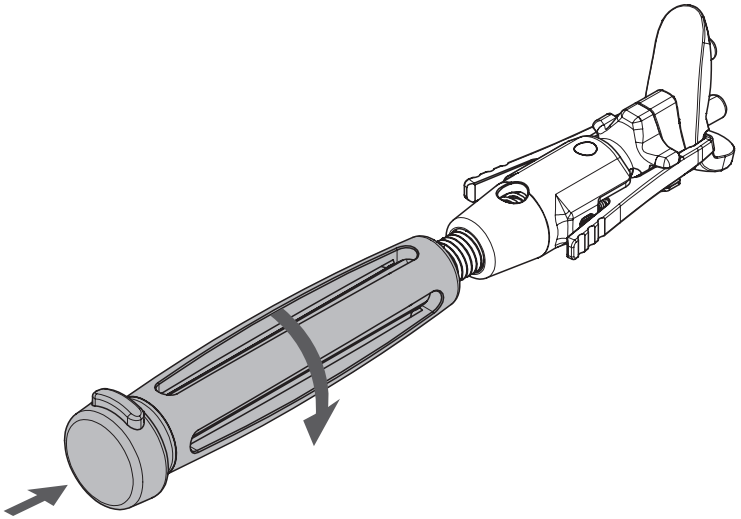


Visually check the Arms are located correctly within the Femoral Component as illustrated in the shown details. Pocket position may differ depending on implant design.

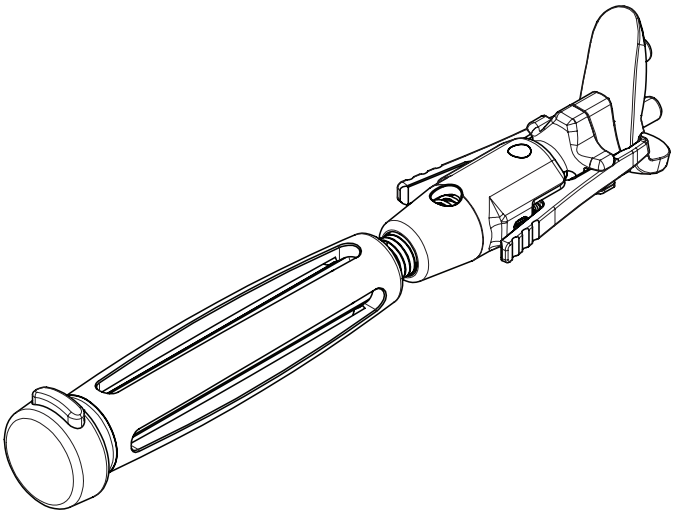
Assembly – Step Four

Secure Femoral Component

Rotate the Handle in a clockwise direction until the Handle is firmly hand tightened. This prevents movement of the Head Carrier, locking the Femoral Component in place.



The Femoral Component can then be positioned and impacted onto the distal femur.



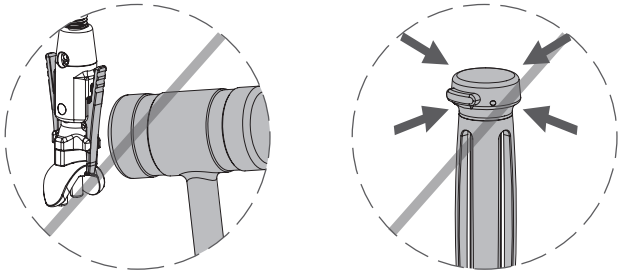
Impaction

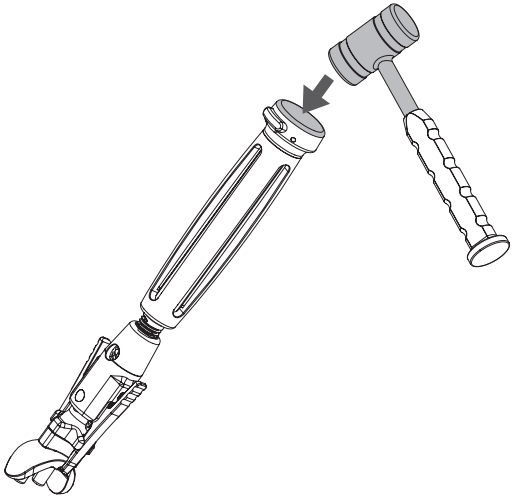
Impact Femoral Component

Position the component onto the distal femur and impact the anvil of the Partial Knee Femoral Impactor with Slap Hammer to seat the implant.

Impaction forces should be delivered to the anvil in-line with the axis of the instrument/implant.

Warning: Do not attempt to medialise or lateralise the implant by impacting on the Arms of the Partial Knee Femoral Impactor with Slap Hammer or by impacting sideways on the Handle.

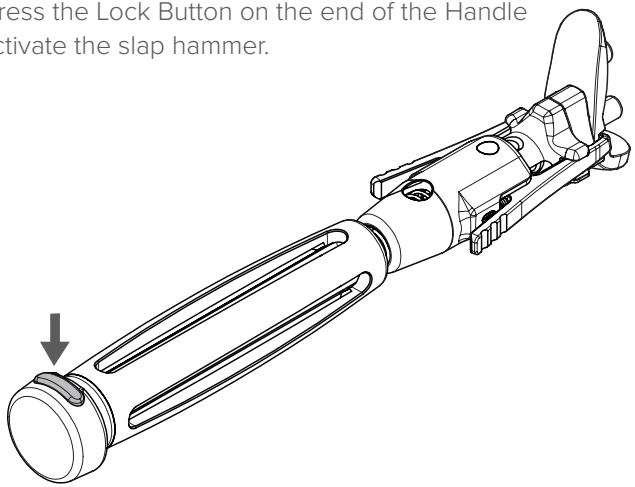




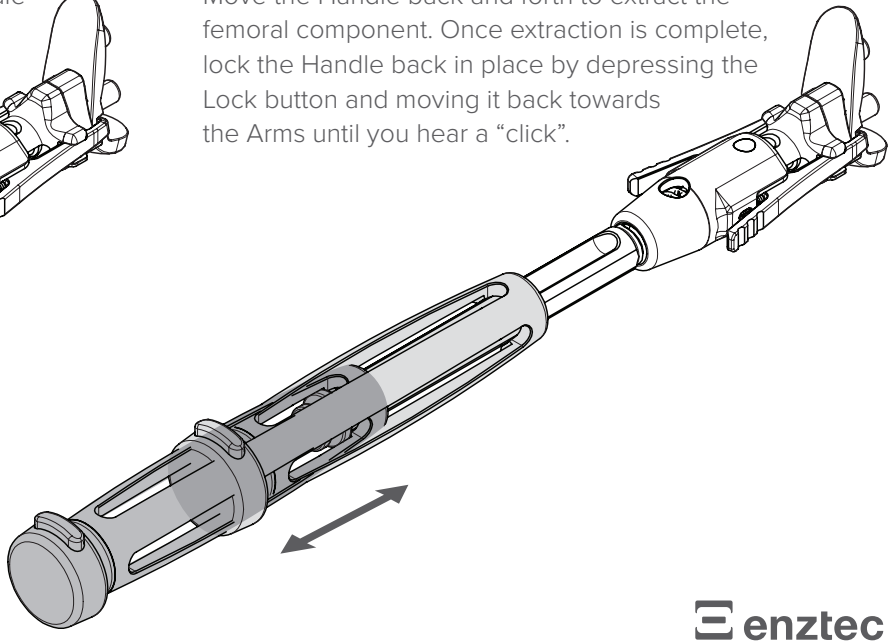
Extraction

Remove Femoral Component

Depress the Lock Button on the end of the Handle to activate the slap hammer.



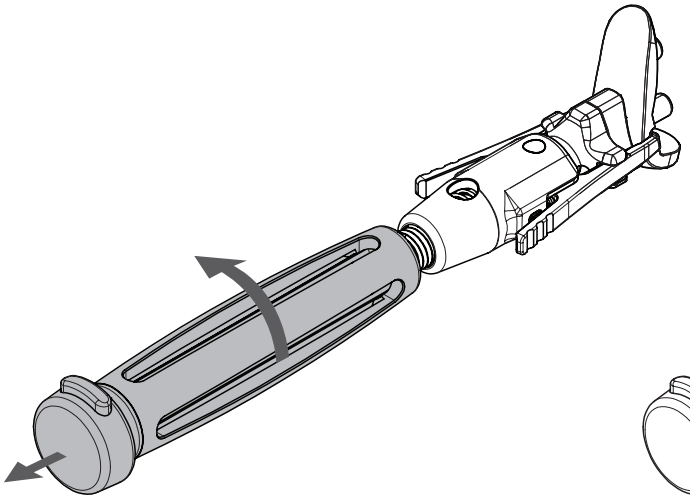
Move the Handle back and forth to extract the femoral component. Once extraction is complete, lock the Handle back in place by depressing the Lock button and moving it back towards the Arms until you hear a “click”.



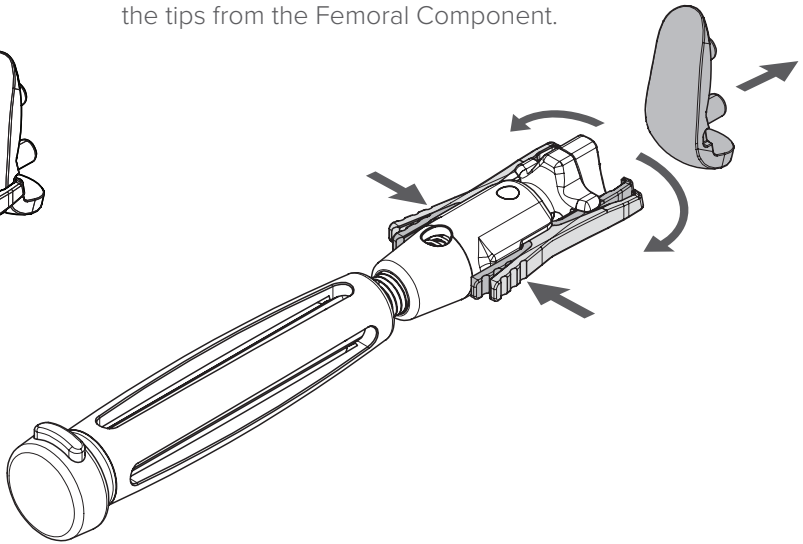
Disassembly – Step One

Release Femoral Components

Rotate the Handle in an anticlockwise direction.



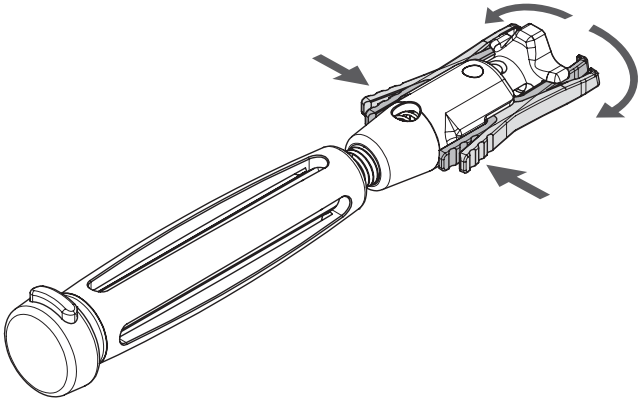
Push the Arms towards each other to release the tips from the Femoral Component.



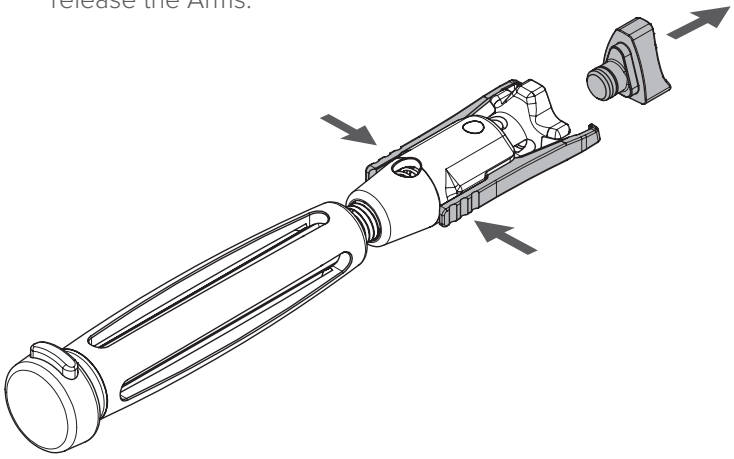
Disassembly – Step Two

Remove Impaction Head

Press the Arms towards each other allowing the tips of the Arms to splay.



Pull the Impaction Head away from the Head Carrier then release the Arms.



Catalogue

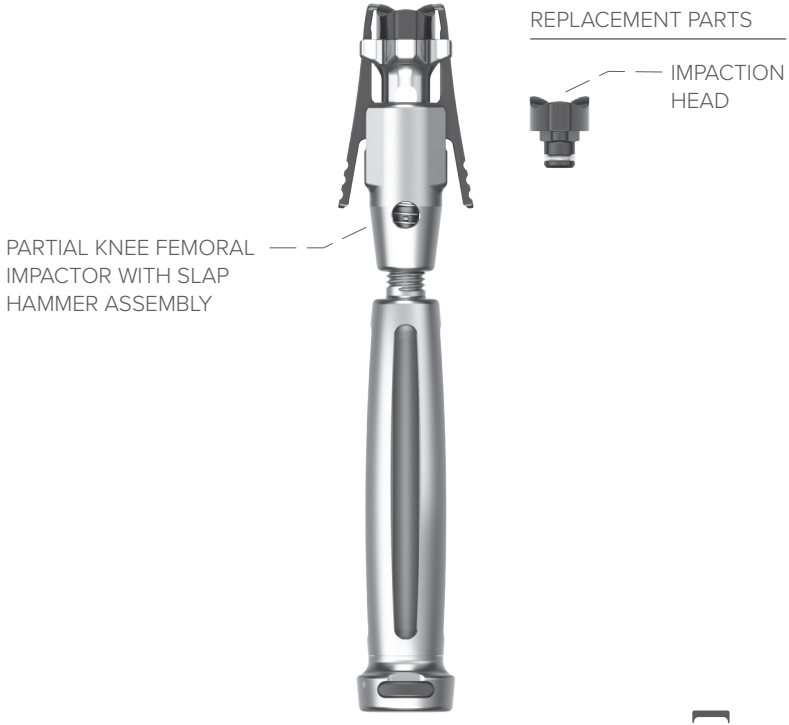
Partial Knee Femoral Impactor with Slap Hammer

Straight Arm Variant:

4240-3304	Enztec Partial Knee Femoral Impactor with Slap Hammer
4240-3300	Enztec Partial Knee Femoral Impactor – Head

Angled Arm Variant:

4240-3302	Enztec Partial Knee Femoral Impactor with Slap Hammer – Angled Arm
4240-3300	Enztec Partial Knee Femoral Impactor – Head



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A surgeon must always rely on his or her own professional clinical judgment 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 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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