



Modular Offset Cup Impactor X – Technical Guide

Contents

Overview.....1

Components & Features.....2

Important Information.....3

Impaction Set-up.....4

Lever Functionality.....5

Cup Attachment.....6

Visualisation.....7

Cup Detachment.....8

Catalogue.....9

Nota Bene.....10

Overview

The Enztec Modular Offset Cup Impactor X allows visualisation and discrete adjustment of cup position in-situ prior to final impaction, supporting a Direct Anterior Approach.

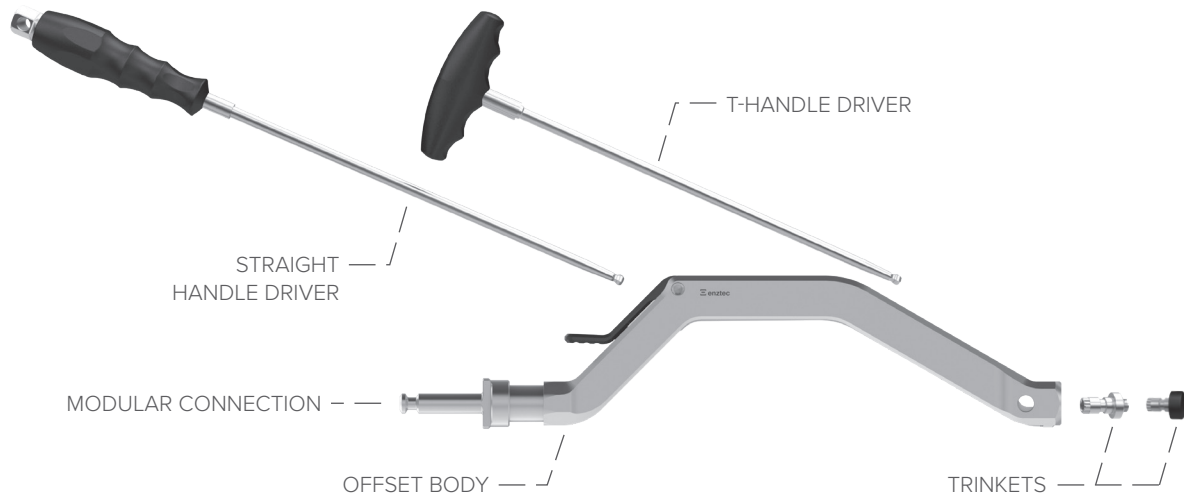
Its modular handle system can be configured for either manual or powered impaction, providing flexibility to suit different surgical preferences, while the 55mm offset provides ample clearance of bone and soft tissue.



Components & Features

The Enztec Modular Offset Cup Impactor X consists of the Offset Body, Trinket, and Driver.

The driver comes in two variants, Straight or T-Handle to accommodate surgeon preference.

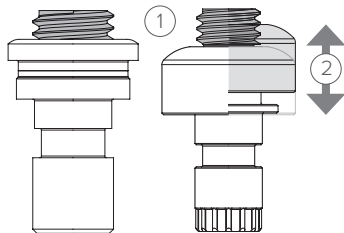


Important Information

Trinket Lifetime

Important:

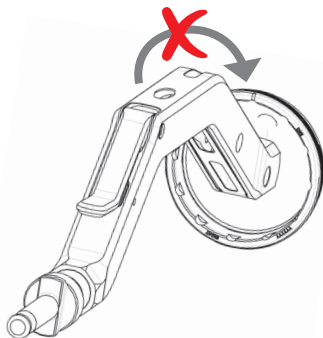
1. Inspect the Trinket thread for damage prior to use. Trinkets must be discarded after 12 months of use or earlier if damaged.
2. Cleaning – Actuate while rinsing, thoroughly flush difficult to reach areas.



Cup Impaction

Warning:

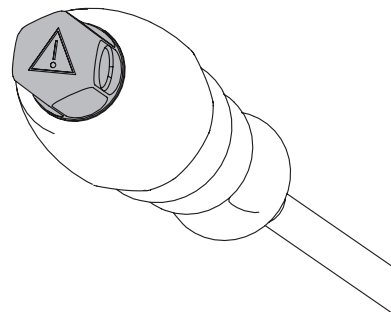
3. Do not rotate the impactor clockwise while impacting as this will further tighten the Trinket into the cup. This may make Trinket removal more difficult.



Trinket Removal

Warning:

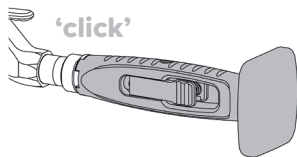
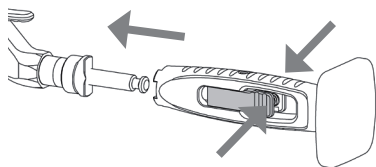
4. If extra torque is required to remove the Trinket from the cup, use the **T-Handle Driver** or hex feature on the **Straight Handle Driver**.



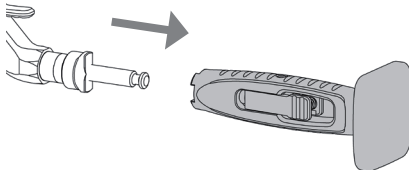
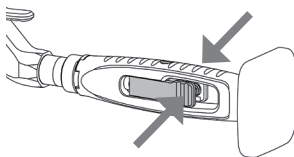
Impaction Set-up

Manual

To attach the anvil, slide it onto the modular connection while depressing the side buttons. Continue pushing until it clicks securely into place.

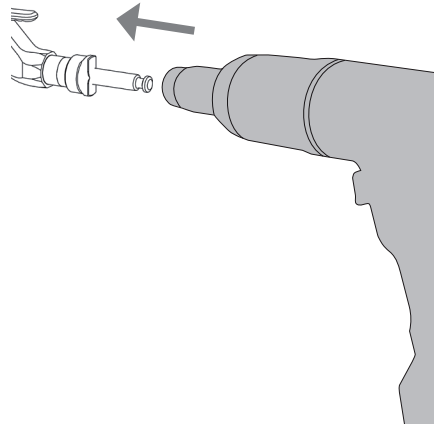


To detach the anvil, depress the side buttons on the anvil while pulling it away from the cup impactor body.



Powered

The Modular Offset Cup Impactor X is compatible with automated impactors that have an IMT style connection.



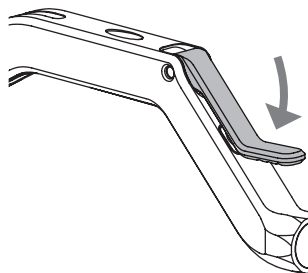
Lever Functionality

There are 3 positions the lever can be used in.

Locked

Move the lever to this position to:

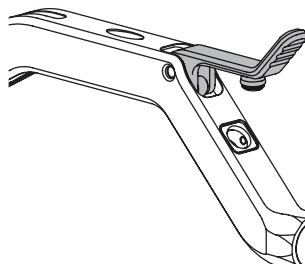
- Thread the cup onto the end of the OCI X
- Lock the rotation of the Trinket during impaction.



Retained

In this position the cup and Trinket will be retained. Move the lever to this position to:

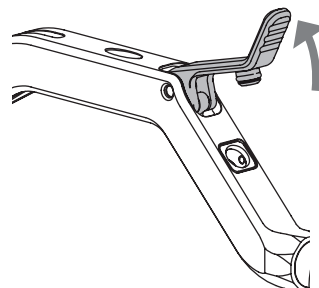
- Insert the Trinket
- Rotate the cup for screw hole positioning
- Unscrew the Trinket from the cup using the handle driver.



Fully Open

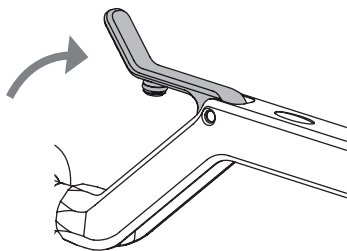
Move the lever to this position for:

- Quick attachment/detachment to and from the Trinket for cup visualisation.

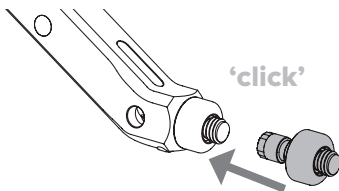


Cup Attachment

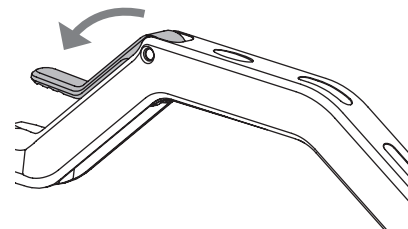
- 1) Release the Lock Lever to the retained position.



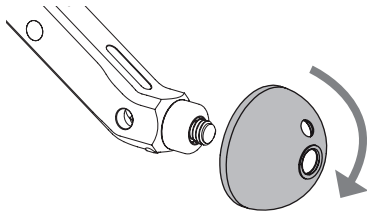
- 2) Push the Trinket into the distal end of the Offset Body. An audible click should be heard.



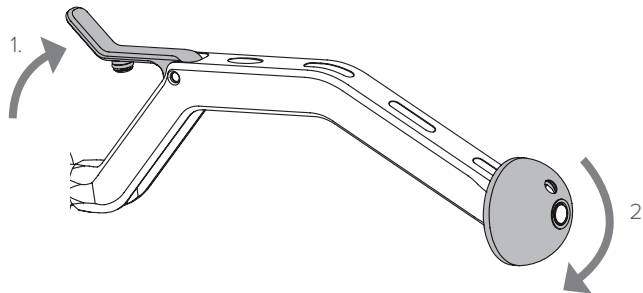
- 3) Push the Lock Lever down into the locked position.



- 4) Attach the acetabular cup by screwing it onto the exposed portion of the Trinket.

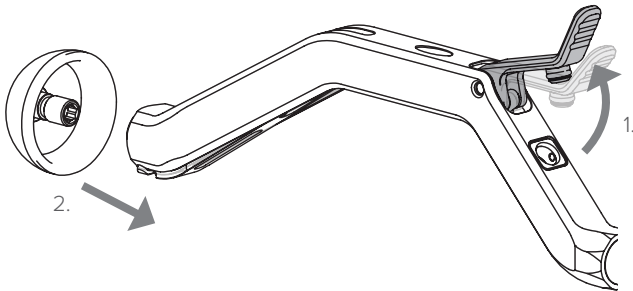


- 5) To orientate the cup to the desired position, release the Lock Lever to the retained position and rotate the cup. Lock again and ensure the cup is well secured prior to impaction.

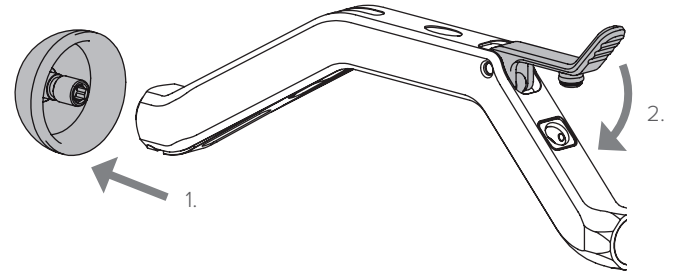


Visualisation

- 1) Push the Lock Lever to the fully open position and extract the OCI X from the incision.

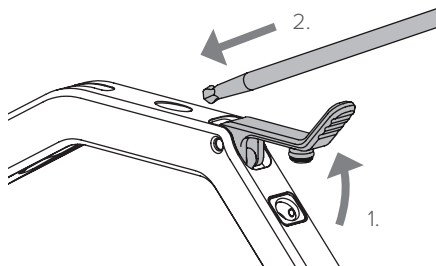


- 2) Once visualisation is complete reattach the OCI X to the Trinket with the Lock Lever in the retained position then close the Lock Lever and complete impaction.

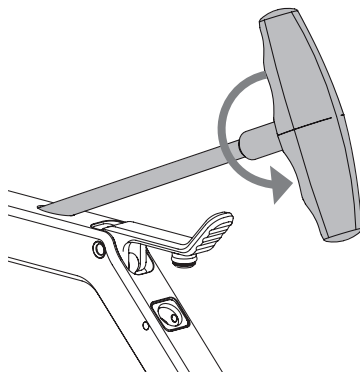


Cup Detachment

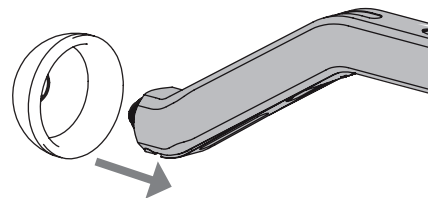
- 1) Release the Lock Lever to the retained position then insert the Straight or T-Handle Driver.



- 2) Rotate the Handle Driver anticlockwise to unthread the Trinket from the cup*.



- 3) Withdraw the OCI X and Trinket from the acetabular cup.



*Note: The hole in the back of the Straight Handle Driver can be used to gain extra leverage to unthread the Trinket. This must not be used to tighten the Trinket as the extra leverage may damage the cup or the Trinket.

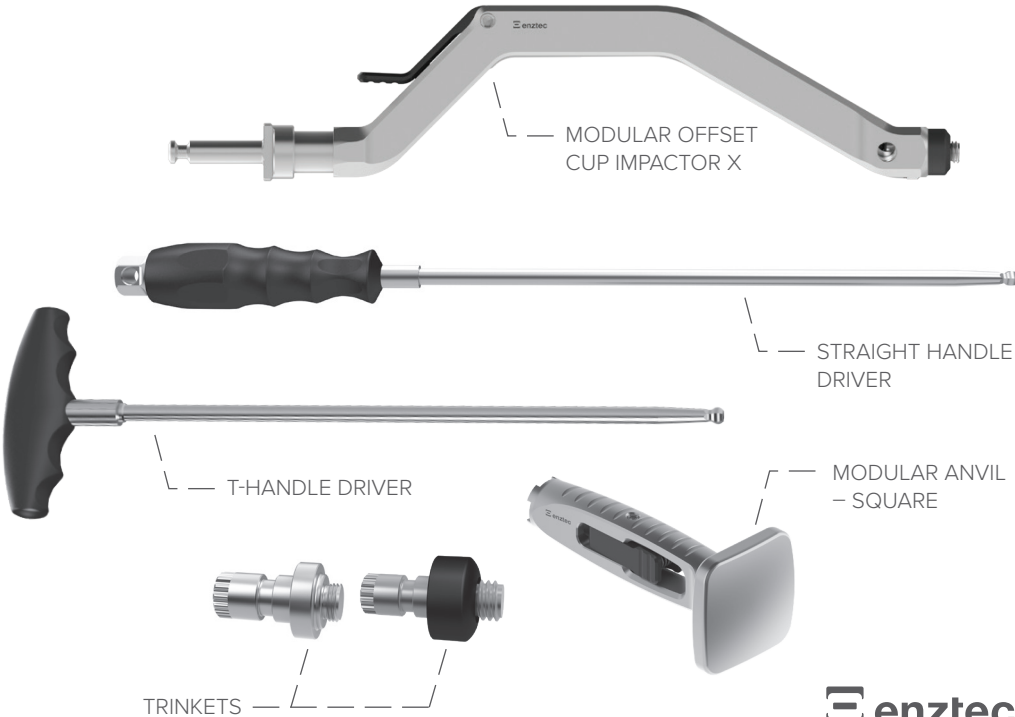
Offset Cup Impactor Body

4251-3101	Modular Offset Cup Impactor X
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Replacement Parts

4252-23XX	Trinket
4252-2311	Straight Handle Driver
4252-2314	T-Handle Driver
4200-5011	Modular Anvil – Square

A standard range of Trinkets are available, to fit any threaded acetabular cup.



Nota Bene

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.

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