

Prima Frame
Direct Anterior Approach
Retractor (DAA)

Instruction manual



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INTRODUCTION AND PRODUCT DESCRIPTION

The Prima Frame Direct Anterior Approach Retractor (DAA) (see Figure 1) serves as an aid for soft tissue retraction during hip replacement surgery, especially via the anterior MIS approach. It is used in combination with two blades and allows hands-free retraction of the tissue, leaving both hands free for the surgeon for the actual operation. The blades are available in four different sizes as well as in the two variants pointed and blunt (see Figure 2).

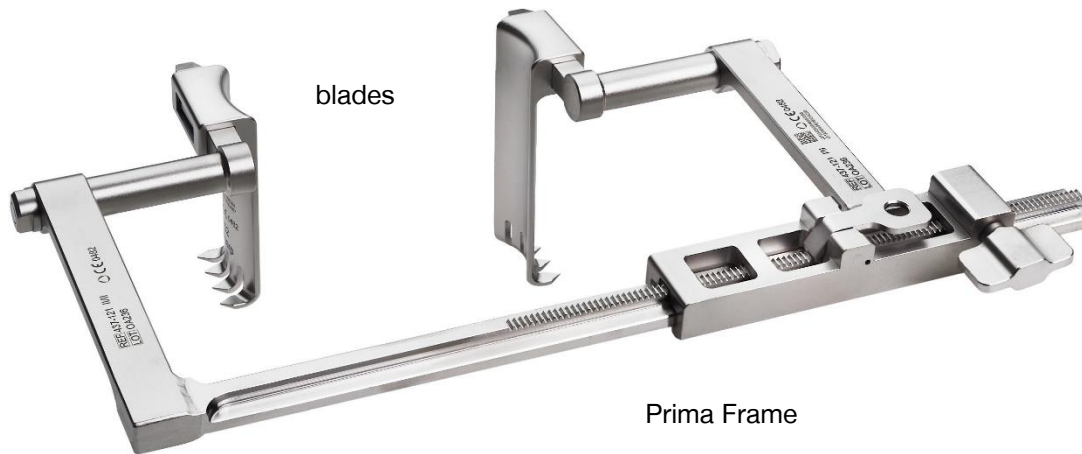


Figure 1: Prima Frame with blades

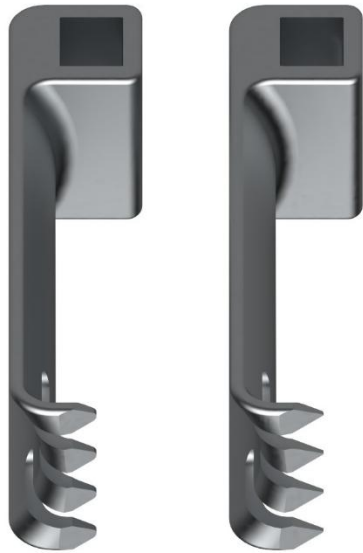


Figure 2: Blade blunt (left) and blade pointed (right)

INSTRUCTION MANUAL

Assembly / disassembly of the Prima Frame

- To mount the Prima Frame, the two parts (I/II and II/II) have to be pushed into each other. The release latch must be held down (see Figure 3).

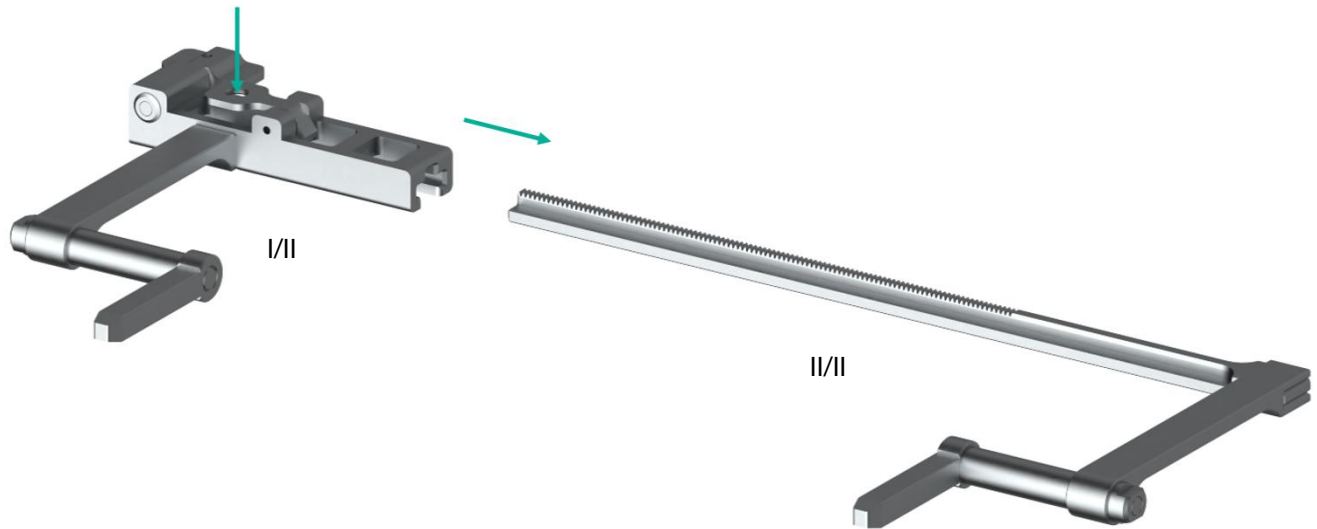


Figure 3: Mounting the Prima Frame

- After selecting the appropriate blade size, the blades are to be connected to the Prima Frame.
- The blades are slid onto the Prima Frame and then secured by an integrated spring to prevent them from sliding downwards (see Figure 4).

Note: Two blades are always needed.

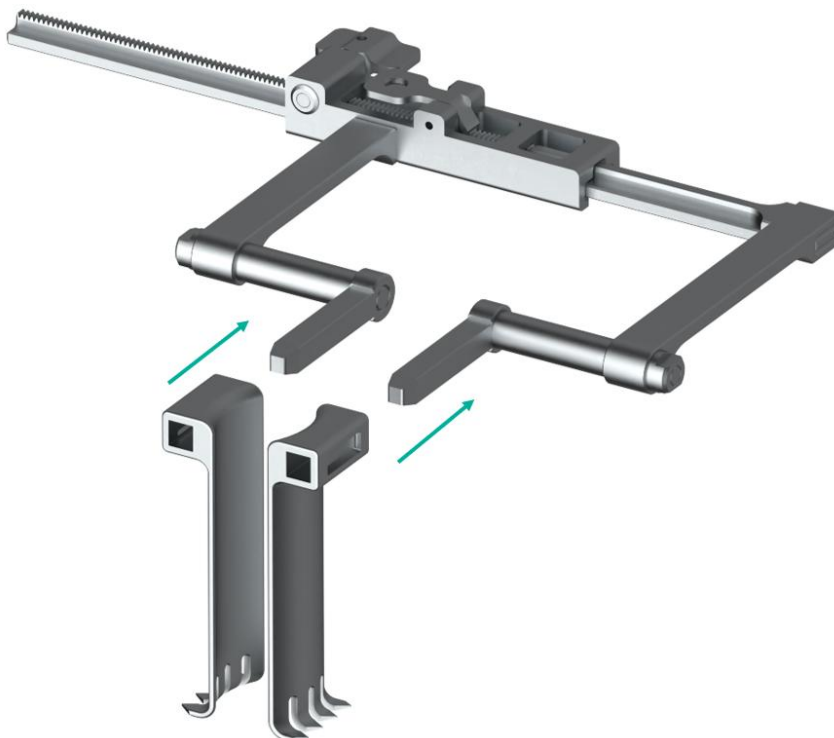


Figure 4: Mounting the blades

- To disassemble the Prima Frame, follow the steps in reverse order.

Application of the Prima Frame

- Positioning**
 The Prima Frame is carefully inserted into the existing surgical approach via the blades. At this point, the Prima Frame should not be spread or hardly spread, and the opening should be made accessible for a short time via other instruments. The blades should be positioned in such a way that they allow access to the joint capsule.
- Spreading**
 The Prima Frame can retract the surgical wound by turning the wing screw until an optimal size is reached (see Figure 5). This should allow good accessibility to the femoral and hip area, but at the same time be gentle on the tissue (see Figure 6).

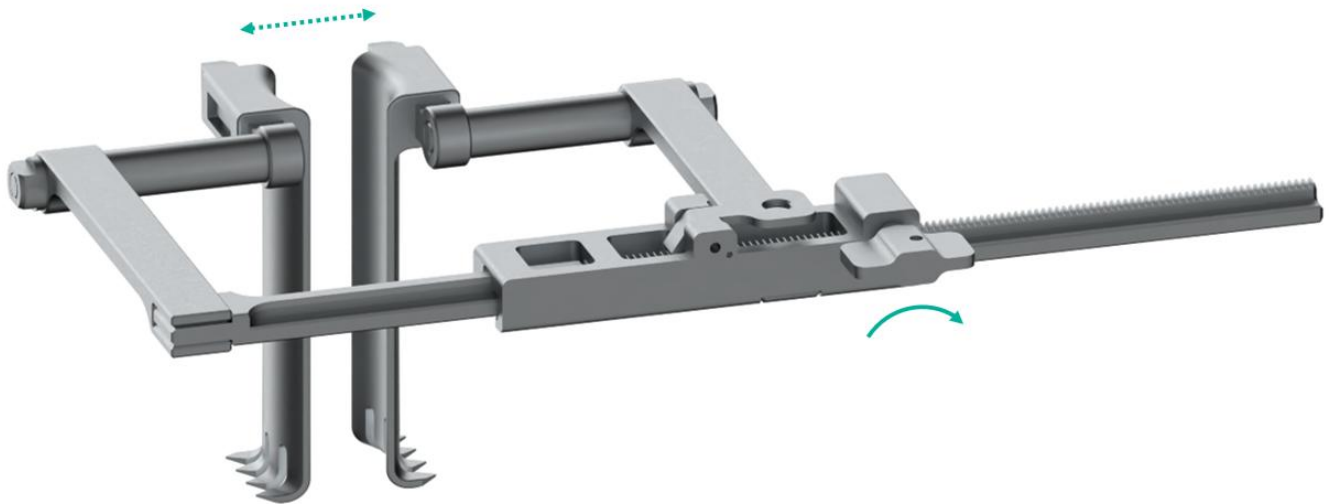


Figure 5: Spreading the Prima Frame



Figure 6: Prima Frame in position in the anterior approach

- **Releasing**

To release it, press the release latch (see Figure 7). The tensioned tissue compresses the blades.

Note: During the operation, care must be taken to avoid unintentional release of the mechanism.

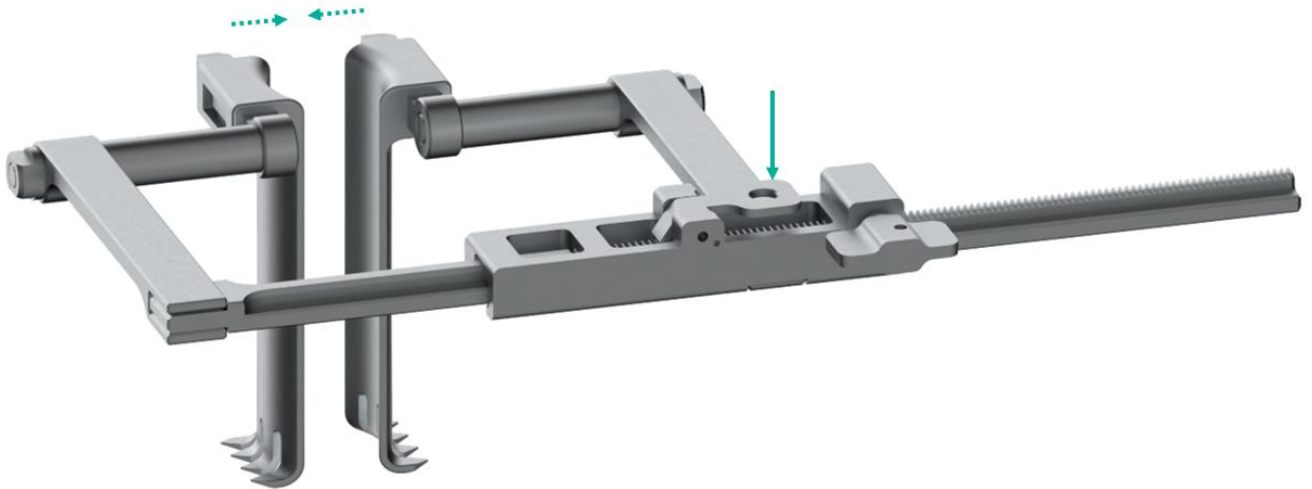


Figure 7: Releasing the Prima Frame

Tip: The Prima Frame has a movable joint on each arm to which the blades are mounted. This must be adjusted manually in such a way that an optimal starting point is created for the use of other instruments (see Figure 8).



Figure 8: Prima Frame in use

Cleaning instructions

- The Prima Frame is to be dismantled for cleaning.

Note: Detailed information on cleaning and disinfecting instruments can be found in the Instructions for use Reusable instruments and trays (50000354) on our website <https://www.ohst.de/ifu-instructions/>.

- After cleaning, Prima Frame Part I/II is to be wetted with medical white oil from below in the area of the spring at the handle and in the area of the wing screw, the screw is to be turned (see Figure 9). Excess white oil must be wiped off.

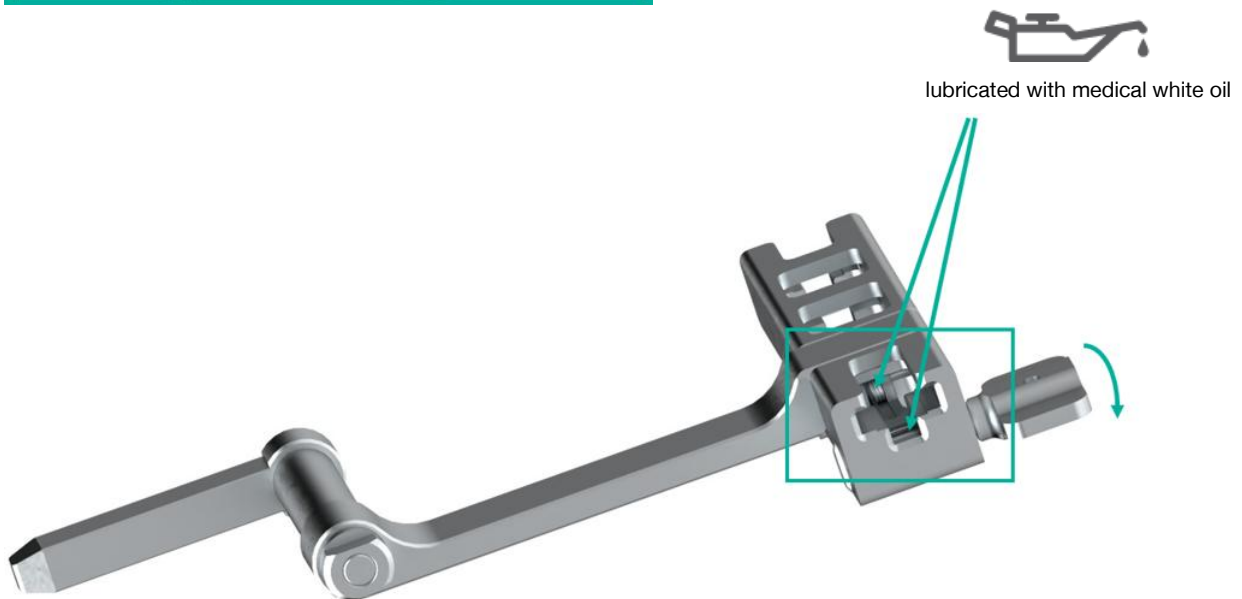
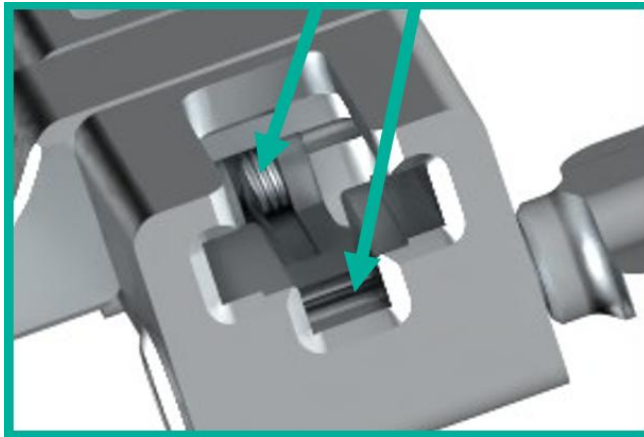


Figure 9: Wetting of the Prima Frame Part I/II (after cleaning) with white oil

INSTRUMENTS Prima Frame

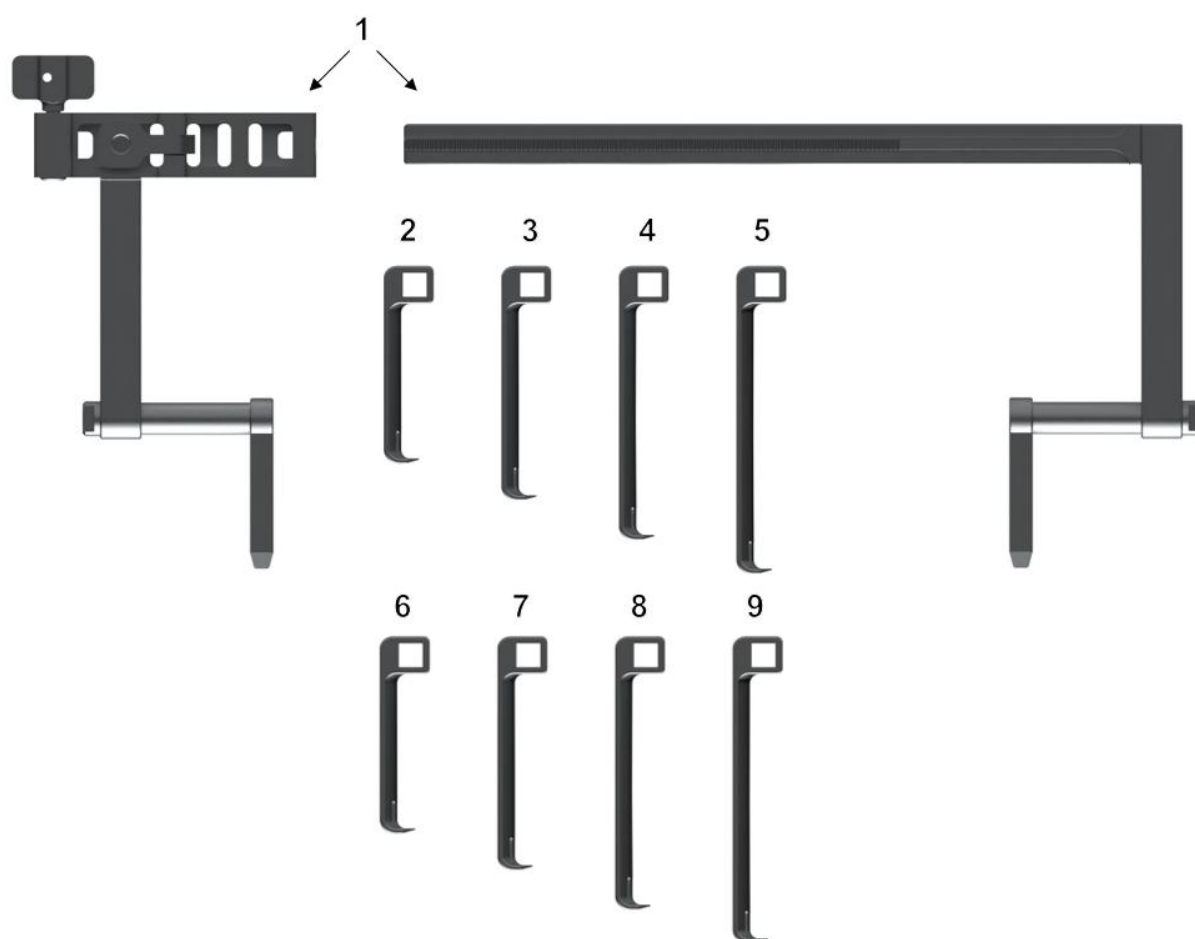


Figure 10: Component parts Prima Frame

No.	Instrument		Art No.
1	Prima Frame	Direct Anterior Approach Retractor (DAA)	437-121
2	Prima Frame Blade 52mm	pointed	437-122
3	Prima Frame Blade 65mm	pointed	437-123
4	Prima Frame Blade 78mm	pointed	437-124
5	Prima Frame Blade 90mm	pointed	437-125
6	Prima Frame Blade 52mm	blunt	437-126
7	Prima Frame Blade 65mm	blunt	437-127
8	Prima Frame Blade 78mm	blunt	437-128
9	Prima Frame Blade 90mm	blunt	437-129



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Disclaimer

This instruction manual is intended exclusively for specialists in medical technology.

It is not meant as information for medical lay persons.

The explanations about the products contained in the instruction manual are of general nature and do not constitute medical advice.

The instruction manual was created and compiled by medical experts and technically qualified employees of OHST AG to the best of their knowledge.

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