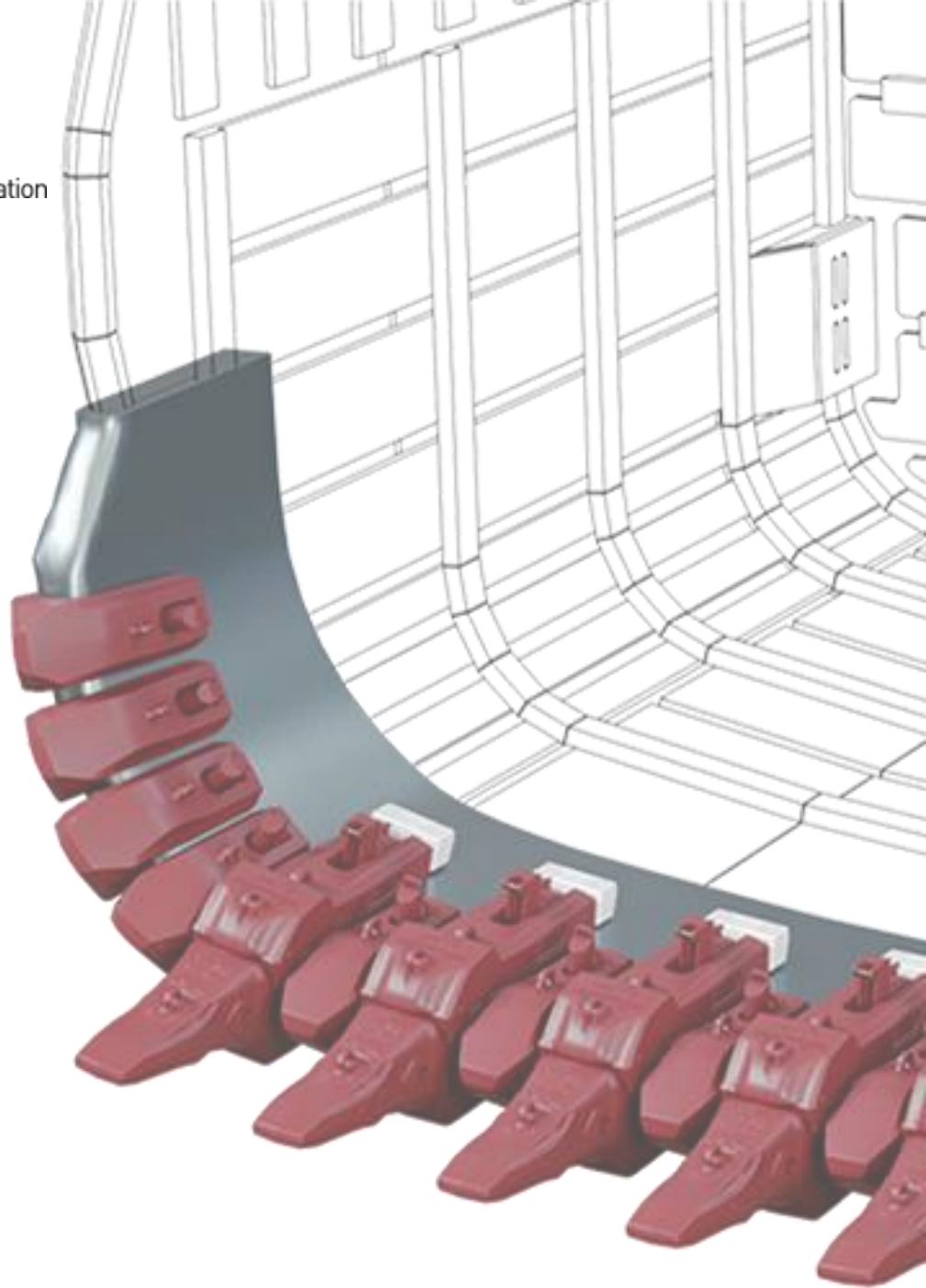




MTG

No limits innovation



INS.2.6.1

Conventional 2-part C2 Adapter Locking

Installation procedure

DISCLAIMER

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1. SAFETY

The practices described in this manual can be taken as guidelines for operating safely in many conditions and in addition to the safety standards that are current and enforceable in your area or region.

Your safety and the safety of third parties is the result of putting into practice your knowledge of the correct operational procedures.

Attention, when performing the work described in these instructions, always work safely and use the personal protection elements required to minimize or avoid injury. Always wear:



To avoid eye injury, always wear safety goggles or a protective mask when using any equipment, hammer or similar tool. When equipment is under pressure or when objects are struck, chips or other debris can be thrown out. Make sure no one gets hurt by the debris that is fired before applying pressure or hitting an object. Wear eye protection that complies with ANSI Z87.1 and OSHA standards. Also wear hearing protection and gloves.

Lifting a heavy object can cause serious or fatal injury. DO NOT exceed the maximum rated capacity of lifting and positioning devices: Stay away from the area under a suspended load.



LIFTING LUG

Make sure that the chain is not damaged and that the load is always balanced.

2. IMPORTANT INFORMATION

The following instructions are a generic procedure for all MTG adapters for cable shovels, independent from the standard lip (WH/BK), the size of the adapter and its tooth system.

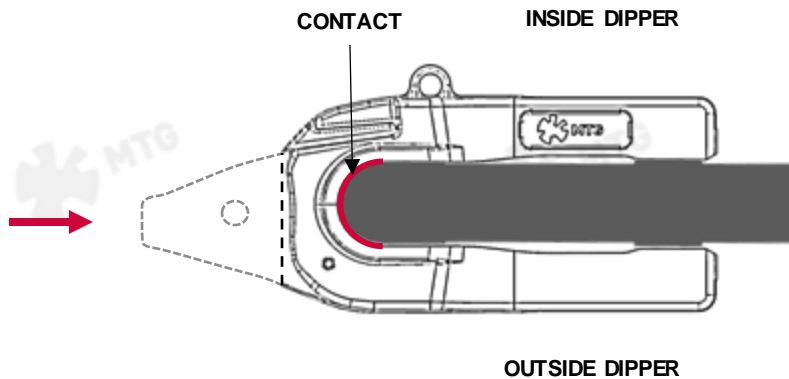
The images contained in this procedure may not correspond to the model used in each case.

3. INSTALLATION PROCEDURE

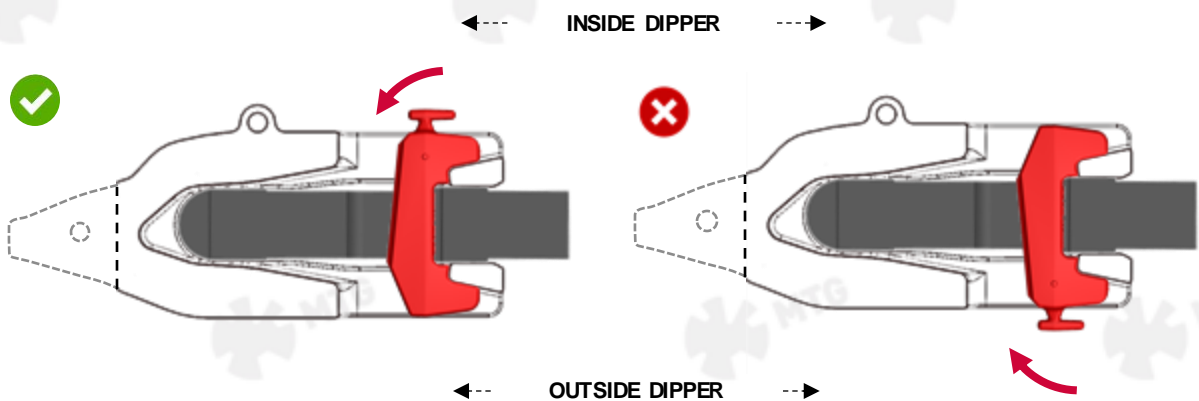
CAUTION: The installation of MTG products for cable shovels may require welding and/or grinding of the existing lip to return it to its original geometry and thus ensure proper tightening and performance.

To perform the reconstruction/recalibration of lips, it is mandatory to follow the MTG reparation instructions for rope shovels which describe the proper procedures for recovering the lip geometry by using MTG gauges. Please contact technical.services@mtg.es for further information.

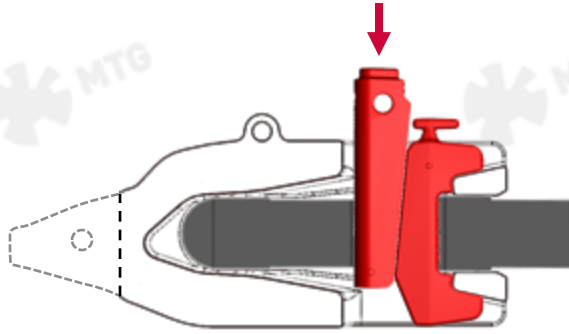
3.1 Place the adapter on its station ensuring the contact on the curved edge of the lip.



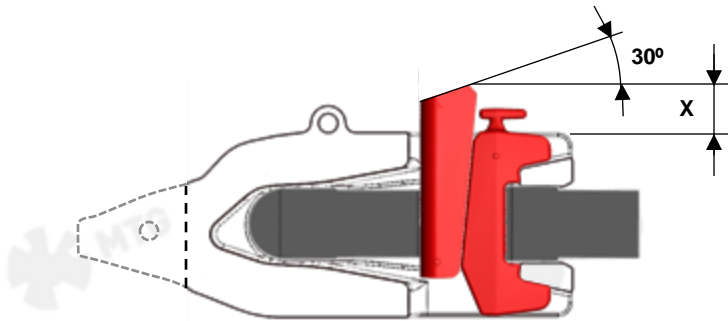
3.2 Introduce the C-Clamp in the proper position. Always with the handle from the **inside of the dipper**.



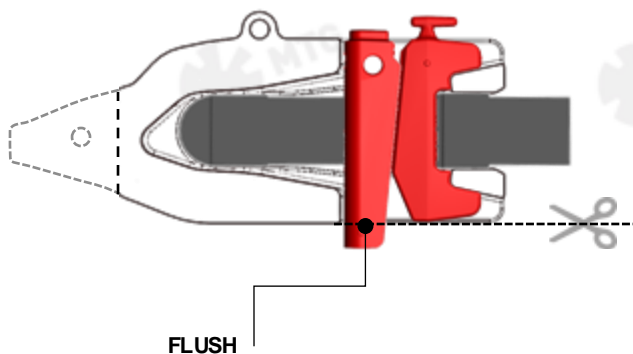
3.3 Introduce the wedge (size 1) matching analog faces and strike it down with a heavy hammer (≥ 10 Kg - 25 lbs.) until the wedge don't move further.



3.4 Once the wedge is on its final position, if it stands $x > 100\text{mm}$ - 4 in. above the adapter it is recommended to cut it off as shown on the picture below. Otherwise, if it stands $x < 50\text{mm}$ - 2 in. or if it is flush with the adapter this must be replaced for the wedge size 2.



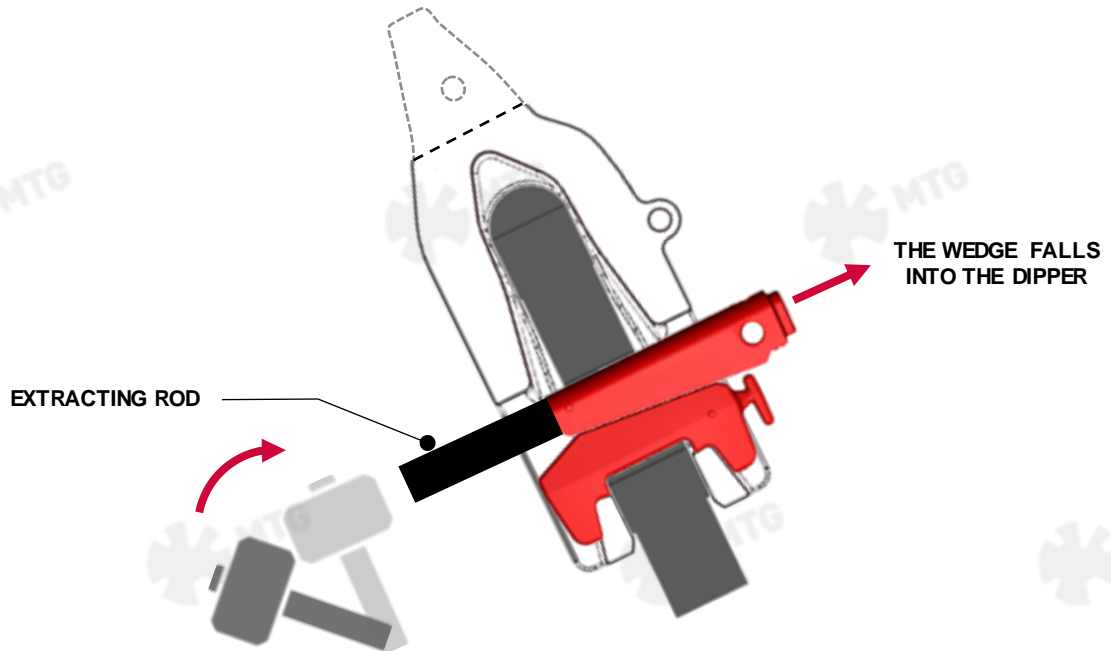
3.5 If the wedge protrudes from below the adapter, it must be torch cut flush to the adapter.



4. REMOVAL PROCEDURE

4.1 Place the dipper as vertical as possible on a safe position to operate the locking from the bottom.

4.2 Place an extracting rod at the wedge's bottom surface and strike it out with a heavy hammer (≥ 10 Kg - 25 lbs.) The wedge will fall into the dipper untightening the adapter.



4.3 Once the wedge is out, take the C-Clamp out and remove the adapter.



Service Instructions

The latest welding recommendations and assembly / disassembly instructions can be found online:

www.mtgcorp.com/manuals

Please contact Technical Services in case of questions:

technical.services@mtg.es



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