



MTG

No limits innovation



INS.2.4.4

TWINMET retrofit

Intermediate Adapter MT-NT

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:



**HARD
HAT**



**SAFETY
GLASSES**



**EAR
PROTECTION**



**STEEL TOED
BOOTS**



**PROTECTION
GLOVES**

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.

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



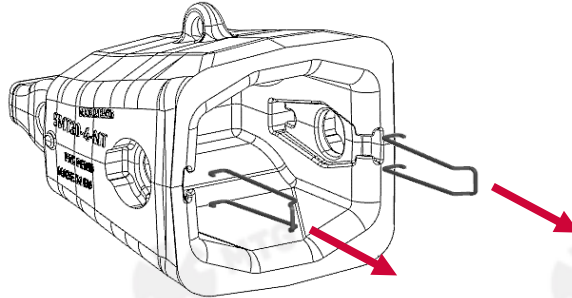
**LIFTING
LUG**

2. INSTALLATION PROCEDURE

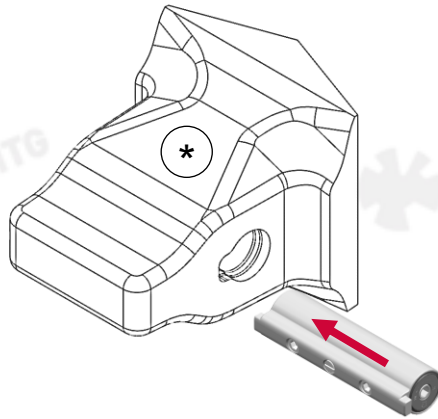
2.1 Remove the retainers from the intermediate adapter before performing the assembly sequence to avoid possible interference between the DPN-HD pin and the retainers.



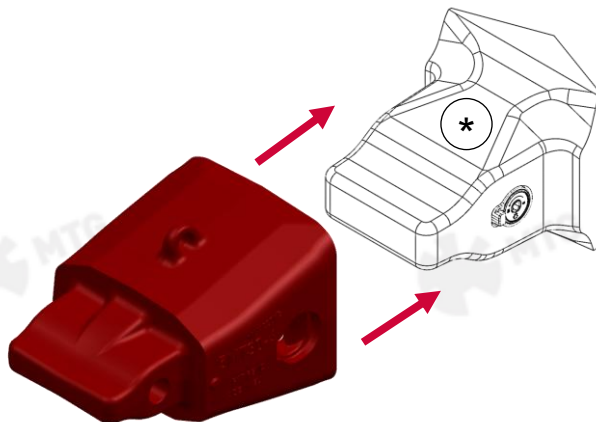
In case of not doing this step a wrong locking between the nose and the IA could happen.



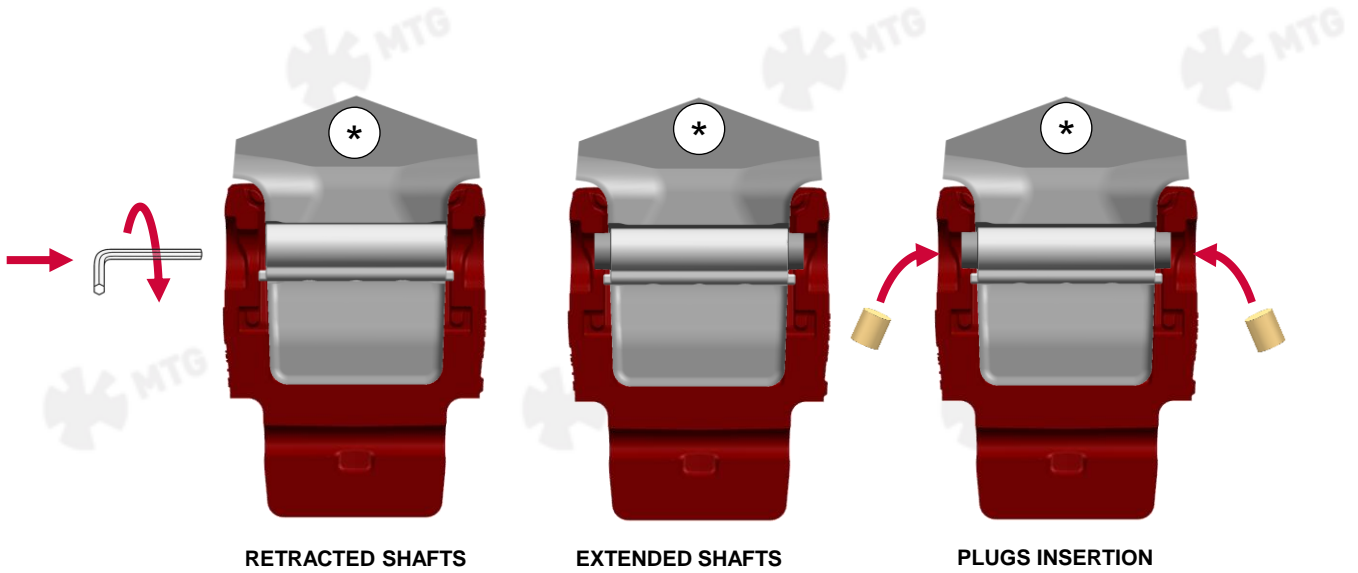
2.2 Insert the pin through either of the 2 sides of the nose. Make sure the 2 pin shafts are retracted.



2.3 Insert the intermediate adapter on the nose with the help of the lifting lug and a crane.



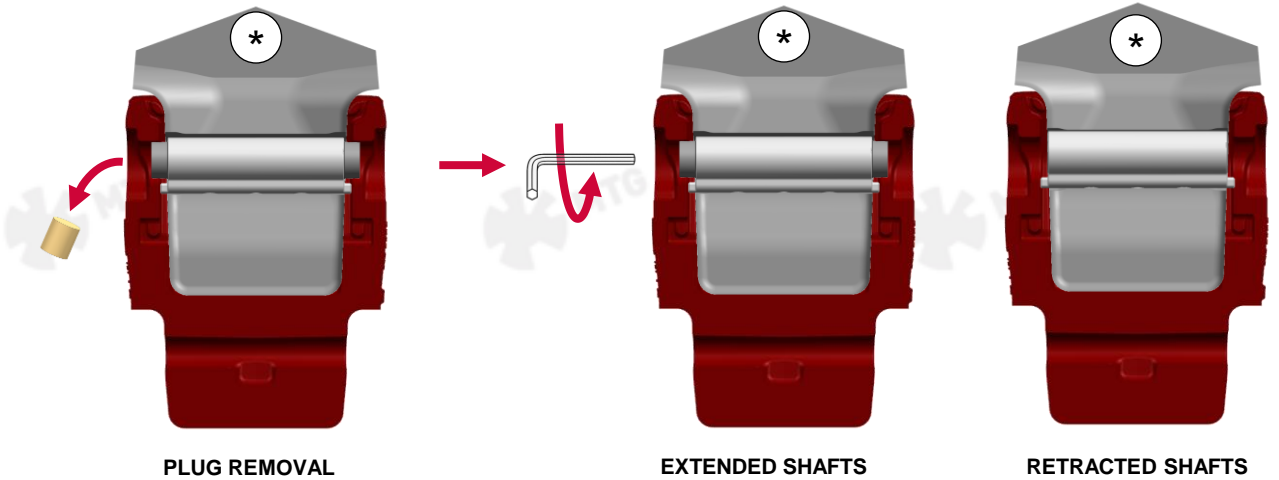
2.4 Extend the shafts by turning the bolt from one side clockwise with a 14mm (9/16") hex Allen key. The rotational movement of the bolt will protrude the shaft on one of the sides and when it reaches its maximum extension, the one on the opposite side will begin to protrude. Once the shafts have been extended on both sides, place the plugs in the hexagonal holes to prevent dirt from entering.



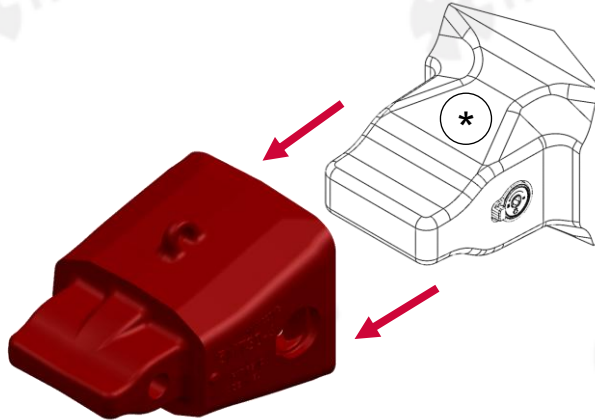
3. REMOVAL PROCEDURE

- 3.1** Remove the plug from the hexagonal hole on the side of the pin to be operated and clean the remains of dirt that may have remained in the hole.

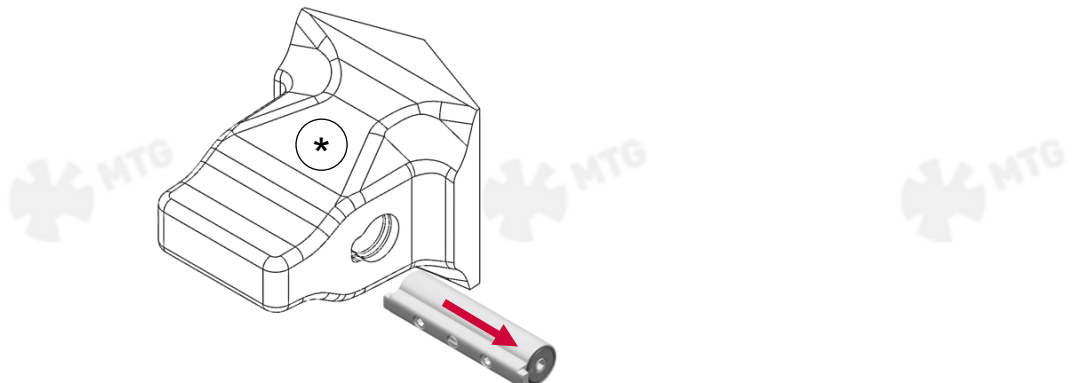
Retract the shafts by turning the bolt counterclockwise with a 14mm (9/16") hex Allen key. The rotational movement of the bolt will retract the shaft on one side and when fully retracted the shaft on the opposite side will begin to retract.



- 3.2** Remove the intermediate adapter from the nose with the help of a crane.



- 3.3** Remove the pin and check if it is in good shape to be used again or if it needs to be replaced.





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:

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