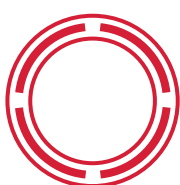




bondura® Multi Tool 140
pin and conical sleeve removal
Ø070mm - Ø195mm


bondura®

user manual - for disassembly

art. 108343 rev. 07.03.2019 A

1/ **bondura® 6.6**

1.1 conical sleeve removal / demontering av konhylse

1.2 pin removal / demontering av bolt

2/ **bondura® 6.1**

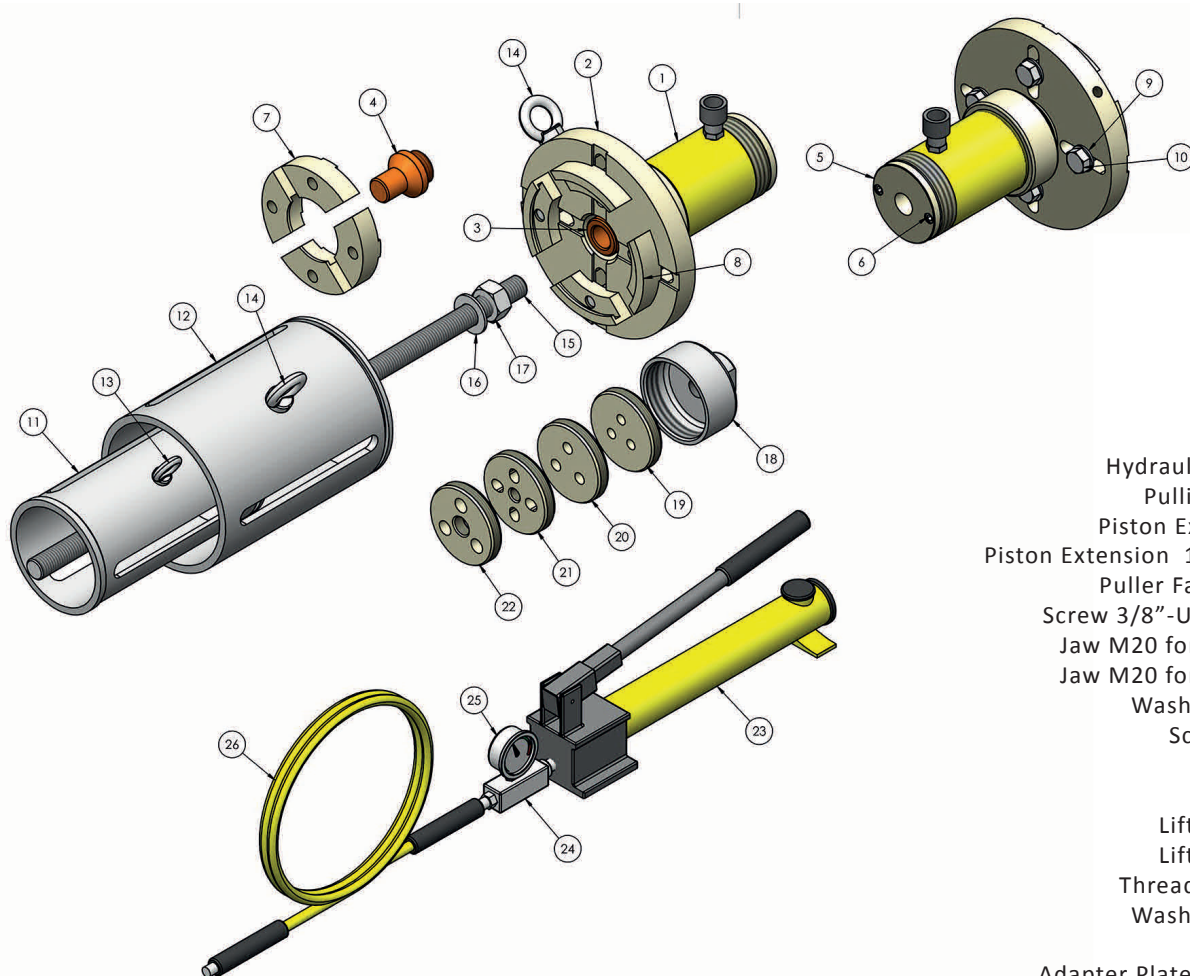
2.1 conical sleeve removal / demontering av konhylse

2.2 pin removal / demontering av bolt

3/ **bondura® 6.2**

3.1 conical sleeve removal / demontering av konhylse

3.2 pin removal / demontering av bolt



- Hydraulic Puller 30T - 01
- Pulling Plate 140 - 02
- Piston Extension 140 - 03
- Piston Extension 140 for DUAL - 04
- Puller Fastener Plate - 05
- Screw 3/8"-UNCx3/4" cyl. - 06
- Jaw M20 for Ø070-Ø135 - 07
- Jaw M20 for Ø140-Ø195 - 08
- Washer Ø21/37x3 - 09
- Screw M20x50 - 10
- Casing Ø140 - 11
- Casing Ø200 - 12
- Lifting Eye M10 - 13
- Lifting Eye M16 - 14
- Threaded Rod M30 - 15
- Washer Ø31/56x4 - 16
- Nut M30 - 17
- Adapter Plate Holder M30 - 18
- Adapter Plate for 6.6 Ø070-Ø082,5 - 19
- Adapter Plate for 6.6 Ø085-Ø095 - 20
- Adapter Plate for 6.6 Ø100-Ø110 - 21
- Adapter Plate for 6.6 Ø114-Ø130 - 22
- Hydraulic Hand Pump - 23
- Manometer Adapter - 24
- Manometer - 25
- Hydraulic Hose - 26

1/ **bondura® 6.6**

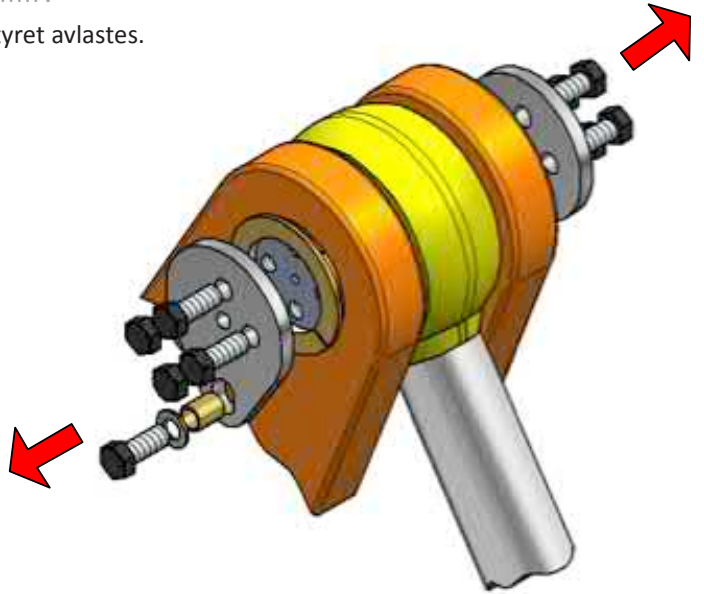
1.1 conical sleeve removal / demontering av konhylse

1.1.1/  To make it as easy as possible to disassemble, the equipment must be offloaded.

 For å gjøre demonteringen enklest mulig, må utstyret avlastes.

1.1.2/  Remove screws, plates and greasing details.

 Demonter skruer, plater og smøredetaljer.

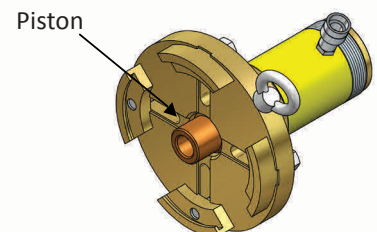


NOTE Please read the Enerpac Instruction Sheet before attempting to assemble/operate the Hydraulic Puller.

MERK Vennligst les Instruksjonsmanualen til Enerpac før du starter montering/bruk av hydraulisk jekk.

1.1.3/  The Hydraulic Puller (1) is fitted to the Pulling Plate (2) with the Piston (3) pointed towards the pin.

 Jekken (1) monteres til trykkplaten (2) med stampelet (3) pekende mot bolten.



1.1.4/  Assemble the tool as shown.

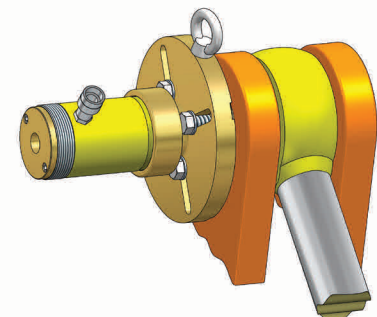
Attach the appropriate jaws for Ø070-Ø135 (7) or Ø140-Ø195 (8) to the flange on the conical sleeve. Connect the Hydraulic Pump and Hose (23-26).

Pull out the conical sleeve.

 Monter verktøyet som vist.

Avtrekksklørne for Ø070-Ø135 (7) eller Ø140-Ø195 (8) skal skyves inn bak avtrekksflensen på konhylsen. Koble til hydraulisk pumpe og slange (23-26).

Trekk ut konhylse.



1/ bondura® 6.6

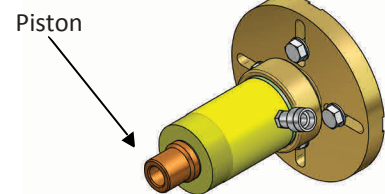
1.2 pin removal / demontering av bolt

NOTE Please read the Enerpac Instruction Sheet before attempting to assemble/operate the Hydraulic Puller.

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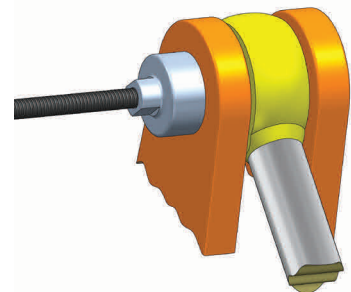
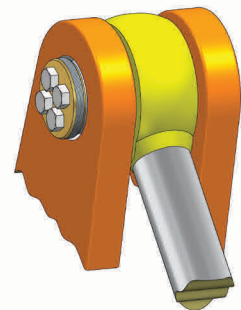
1.2.1/  The Hydraulic Puller (1) is fitted to the Pulling Plate (2) with Piston (3) pointed away from the pin.

 Jekken (1) monteres til trykkplaten (2) med stempelet (3) pekende bort fra bolt.



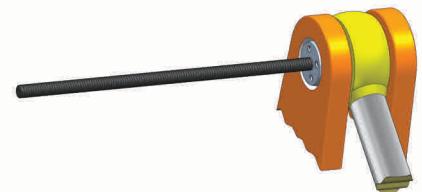
1.2.2/  For pins without threaded center holes, the appropriate Adapter Plate (19-22) should be fastened to the pin using existing screws. Connect the Adapter Plate Holder (18) to the Adapter Plate (19-22). Attach the Threaded Rod M30 (15) to the Adapter Plate Holder (18).

 For bolter uten gjenget senterhull, skal den passende adapterplaten (19-22) skrus fast til bolten ved å bruke eksisterende skruer. Skru adapterplate-holderen (18) til adapterplaten (19-22). Fest gjengestang M30 (15) til adapterplate-holderen (18).



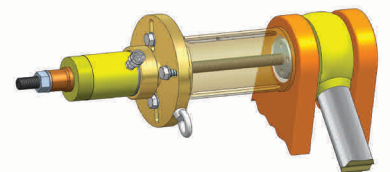
1.2.3/  Attach the Threaded Rod M30 (15) to the center hole in the pin.

 Gjengestang M30 (15) skrus inn i senterhullet på bolt.



1.2.4/  Assemble the tool as shown using the appropriate Casing (11-12). Connect the Hydraulic Pump and Hose (23-26). Pull out the pin.

 Monter verktøyet som vist ved å bruke passende casing (11-12). Koble til hydraulisk pumpe og slange (23-26). Trekk ut bolt.



2/ **bondura® 6.1**

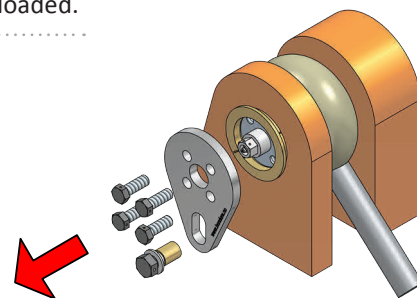
2.1 conical sleeve removal / demontering av konhylse

2.1.1/  To make it as easy as possible to disassemble, the equipment must be offloaded.

 For å gjøre demontering enklest mulig, må utstyret avlastes.

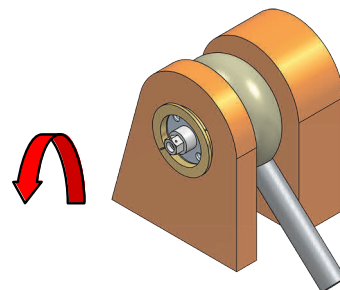
2.1.2/  Remove screws and plate.

 Demonter skruer og plate.



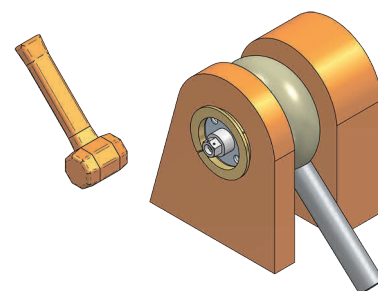
2.1.3/  Loosen the axle.

 Løsne akslingen.



2.1.4/  Use a rubber mallet and hit on the axle to loosen the inner conical sleeve. Remove the axle.

 Bruk en gummi-klubbe og slå på akslingen for å løsne den indre konhylsen. Ta akslingen helt ut.

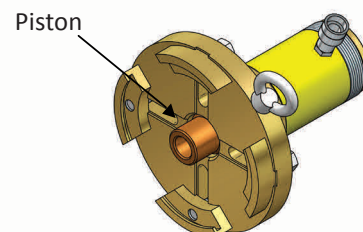


NOTE Please read the Enerpac Instruction Sheet before attempting to assemble/operate the Hydraulic Puller.

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2.1.5/  The Hydraulic Puller (1) is fitted to the Pulling Plate (2) with the Piston (3) pointed towards the pin.

 Jekken (1) monteres til trykkplaten (2) med stampelet (3) pekende mot bolten.



2.1.6/  Assemble the tool as shown.

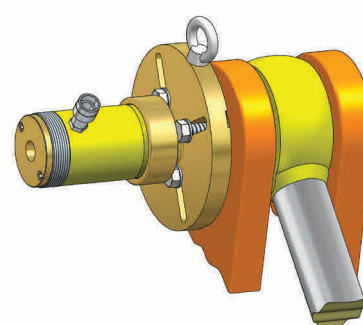
Attach the appropriate jaws for Ø070-Ø135 (7) or Ø140-Ø195 (8) to the flange on the conical sleeve. Connect the Hydraulic Pump and Hose (23-26).

Pull out the conical sleeve.

 Monter verktøyet som vist.

Avtrekksklørne for Ø070-Ø135 (7) eller Ø140-Ø195 (8) skal skyves inn bak avtrekksflensen på konhylsen. Koble til hydraulisk pumpe og slange (23-26).

Trekk ut konhylse.



2/ bondura® 6.1

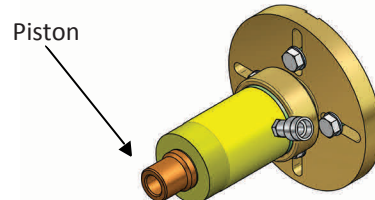
2.2 pin removal / demontering av bolt

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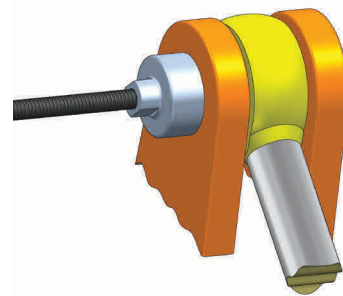
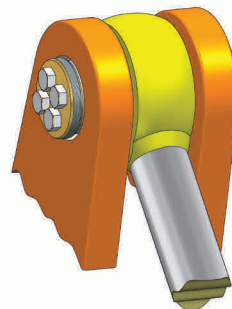
2.2.1/  The Hydraulic Puller (1) is fitted to the Pulling Plate (2) with Piston (3) pointed away from the pin.

 Jekken (1) monteres til trykkplaten (2) med stempelet (3) pekende bort fra bolten.



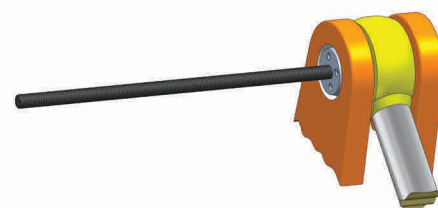
2.2.2/  For pins without threaded center holes, the appropriate Adapter Plate (19-22) should be fastened to the pin using existing screws. Connect the Adapter Plate Holder (18) to the Adapter Plate (19-22). Attach the Threaded Rod M30 (15) to the Adapter Plate Holder (18).

 For bolter uten gjenget senterhull, skal den passende adapterplaten (19-22) skrus fast til bolten ved å bruke eksisterende skruer. Skru adapterplate-holderen (18) til adapterplaten (19-22). Fest M30 gjengestang (15) til adapterplate-holderen (18).



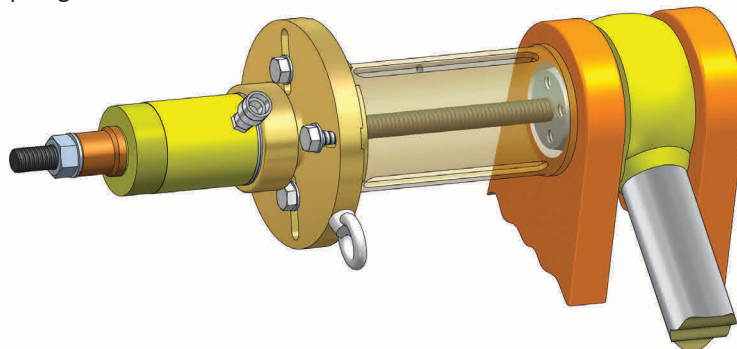
2.2.3/  Attach the Threaded Rod M30 (15) to the center hole in the pin.

 Gjengestang M30 (15) skrus inn i senterhullet på bolten.



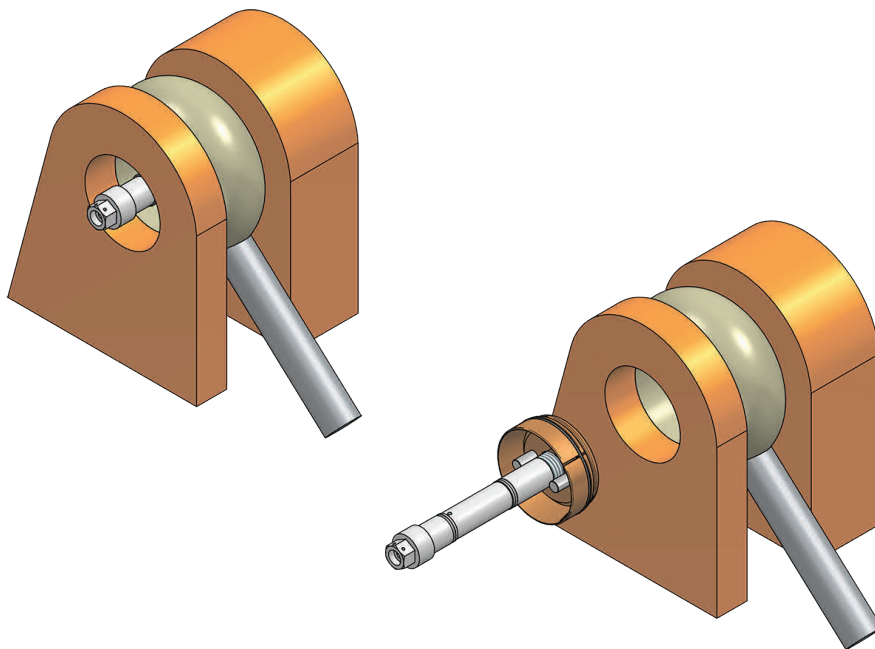
2.2.4/  Assemble the tool as shown using the appropriate Casing (11-12). Connect the Hydraulic Pump and Hose (23-26). Pull out the pin.

 Monter verktøyet som vist ved å bruke passende casing (11-12). Koble til hydraulisk pumpe og slange (23-26). Trekk ut bolten.



2.2.3/  Screw the axle back in the nut, and pull out the nut and inner conical sleeve.

 Skru akslingen tilbake i mutteren, og trekk ut mutter og indre konhylse.



3/ **bondura® 6.2**

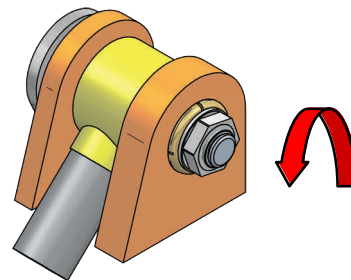
3.1 conical sleeve removal / demontering av konhylse

3.1.1/  To make it as easy as possible to disassemble, the equipment must be offloaded.

 For å gjøre demonteringen enklest mulig, må utstyret avlastes.

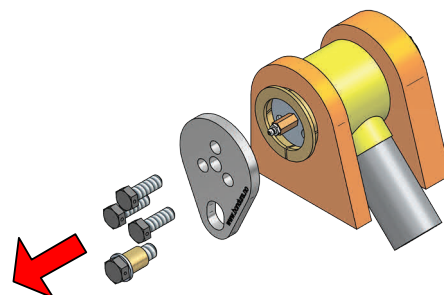
3.1.2/  Loosen the nut.

 Løsne mutter.



3.1.3/  Remove screws, plates and greasing details.

 Demonter skruer, plater og smøredetaljer.

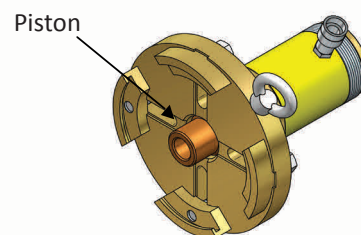


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3.1.4/  The Hydraulic Puller (1) is fitted to the Pulling Plate (2) with the Piston (3) pointed towards the pin.

 Jekken (1) monteres til trykkplaten (2) med stempelet (3) pekende mot bolten.



3.1.5/  Assemble the tool as shown.

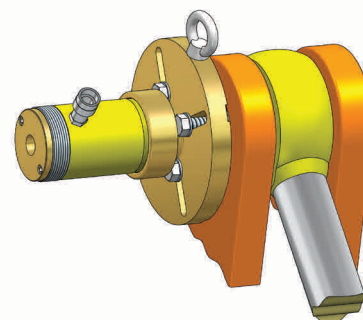
Attach the appropriate jaws for Ø070-Ø135 (7) or Ø140-Ø195 (8) to the flange on the conical sleeve. Connect the Hydraulic Pump and Hose (23-26).

Pull out the conical sleeve.

 Monter verktøyet som vist.

Avtrekksklørne for Ø070-Ø135 (7) eller Ø140-Ø195 (8) skal skyves inn bak avtrekksflensen på konhylsen. Koble til hydraulisk pumpe og slange (23-26).

Trekk ut konhylse.



3/ bondura® 6.2

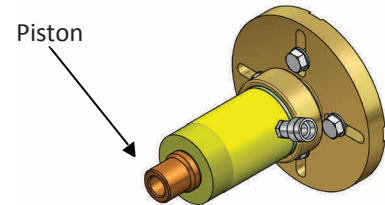
3.2 pin removal / demontering av bolt

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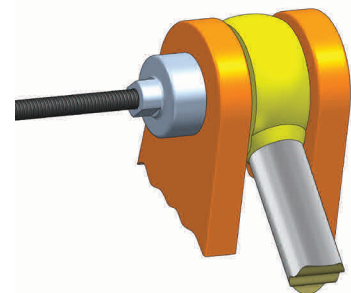
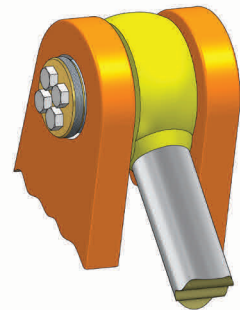
3.2.1/  The Hydraulic Puller (1) is fitted to the Pulling Plate (2) with Piston (3) pointed away from the pin.

 Jekken (1) monteres til trykkplaten (2) med stempelet (3) pekende bort fra bolten.



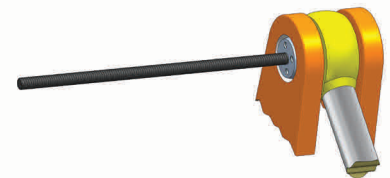
3.2.2/  For pins without threaded center holes, the appropriate Adapter Plate (19-22) should be fastened to the pin using existing screws. Connect the Adapter Plate Holder (18) to the Adapter Plate (19-22). Attach the Threaded Rod M30 (15) to the Adapter Plate Holder (18).

 For bolter uten gjenget senterhull, skal den passende adapterplaten (19-22) skrus fast til bolten ved å bruke eksisterende skruer. Skru adapterplate-holderen (18) til adapterplaten (19-22). Fest gjengestang M30 (15) til adapterplate-holderen (18).



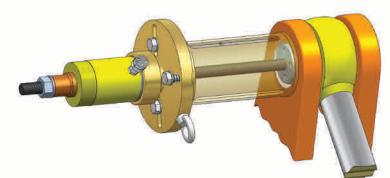
3.2.3/  Attach the Threaded Rod M30 (15) to the center hole in the pin.

 Gjengestang M30 (15) skrus inn i senterhullet på bolten.



3.2.4/  Assemble the tool as shown using the appropriate Casing (11-12). Connect the Hydraulic Pump and Hose (23-26). Pull out the pin.

 Monter verktøyet som vist ved å bruke passende casing (11-12). Koble til hydraulisk pumpe og slange (23-26). Trekk ut bolten.





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