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FRAME POSITIONING - F

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99C06R
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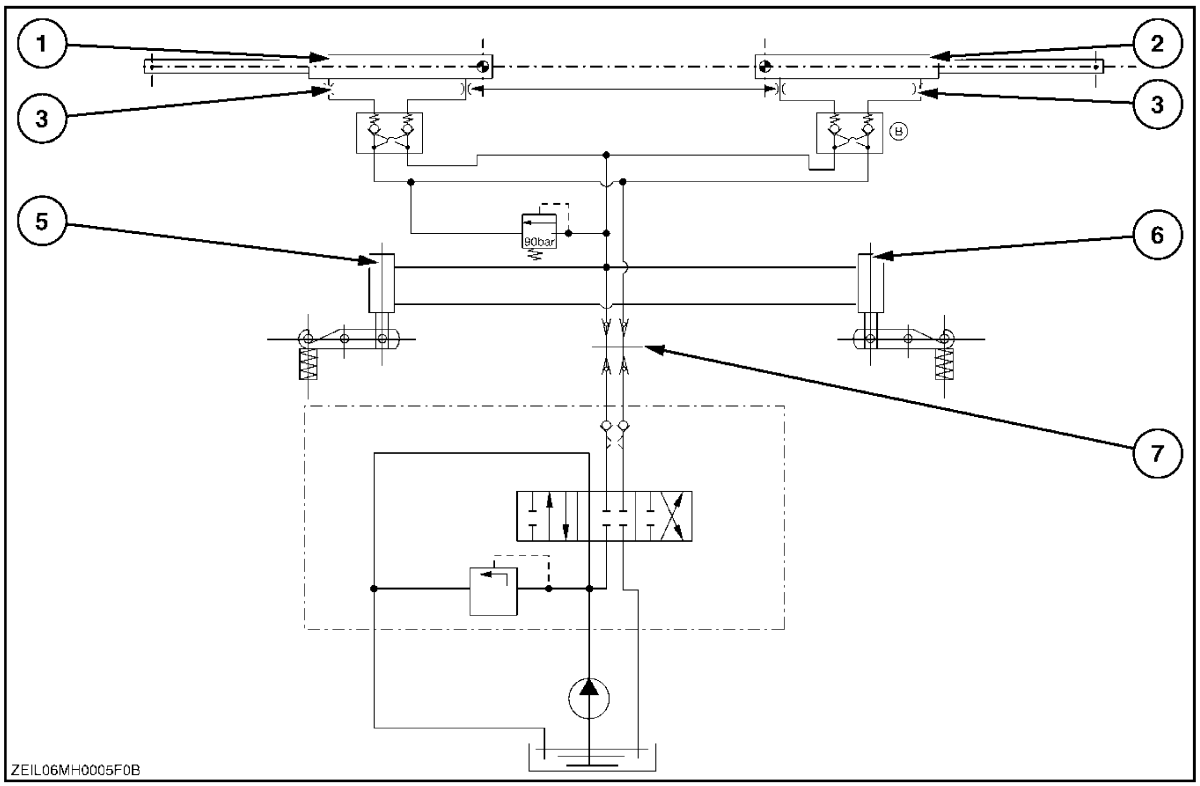
TRAVELLING Folding - Hydraulic schema

99C08F

Only valid for 8-row Flip-up headers.

1 Left-hand side header open/close cylinder
2 Right-hand side header open/close cylinder
3 Restrictor
4 -
5 Left-hand side lock cylinder
6 Right-hand side lock cylinder
7 Quick release couplers



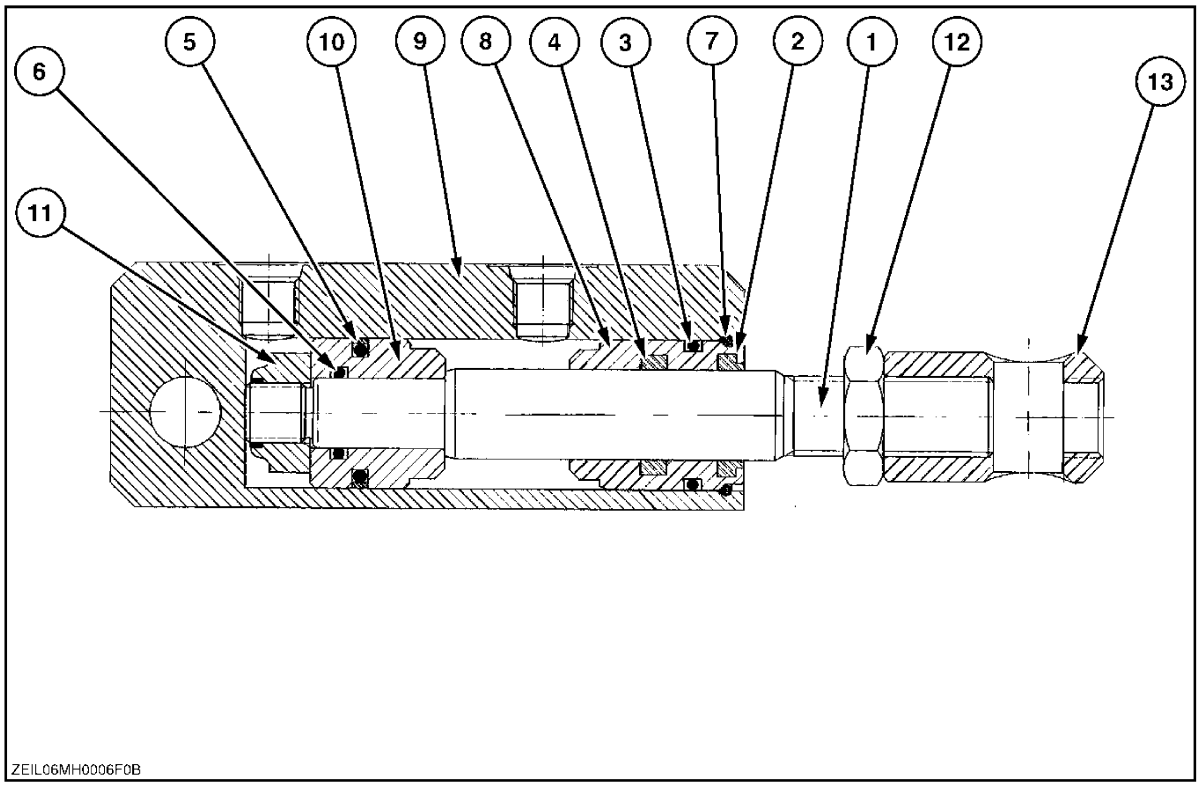
ZEIL06MH0005F0B 1

Cylinder Lock - Sectional view

99C08F

Only valid for Flip-up headers.

1 Rod
2 Wiper
3 O-ring
4 Rod seal
5 Piston seal
6 O-ring
7 Retaining ring
8 Seal holder
9 Housing
10 Piston
11 Lock nut
12 Nut
13 Bushing



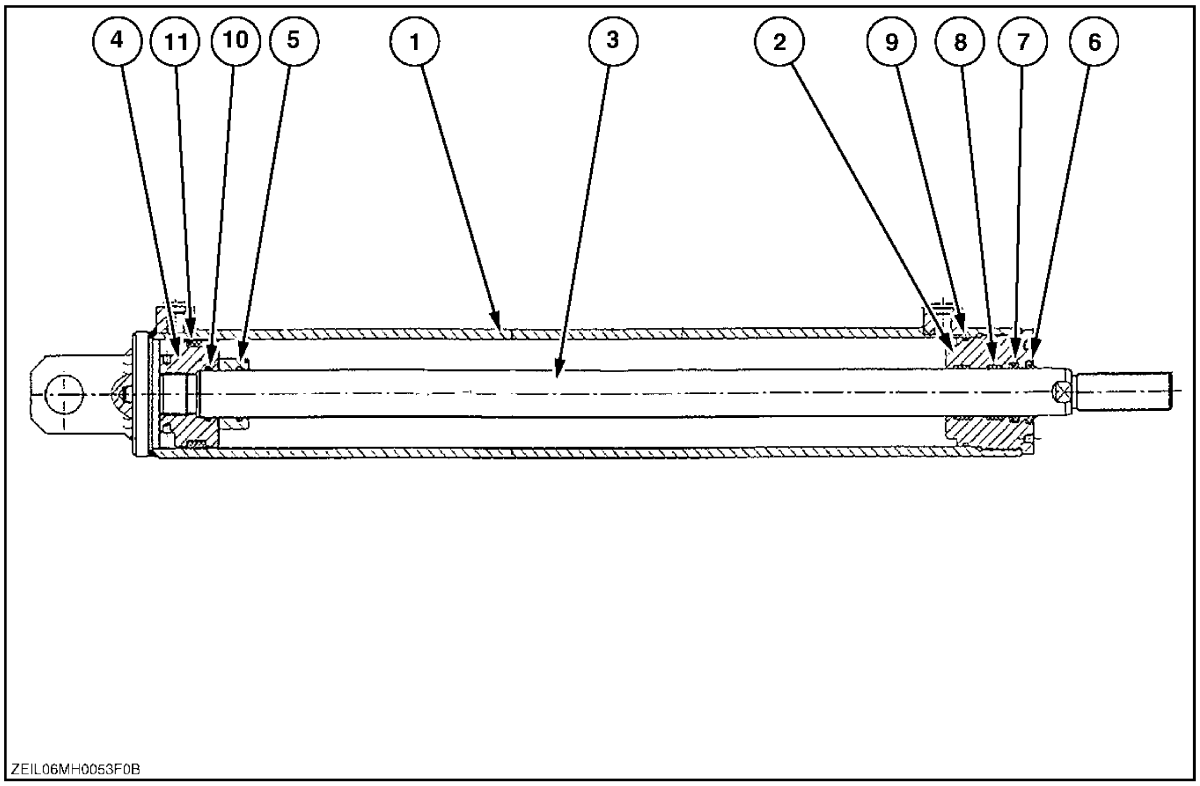
ZEIL06MH0006F0B 1

Cylinder Open/close - Sectional view

99C08F

Only valid for Flip-up headers.

1 Cylinder housing
2 Guide bushing
3 Rod
4 Piston
5 Bushing
6 Scraper ring
7 Seal ring
8 Guide strip
9 Seal kit
10 Plug



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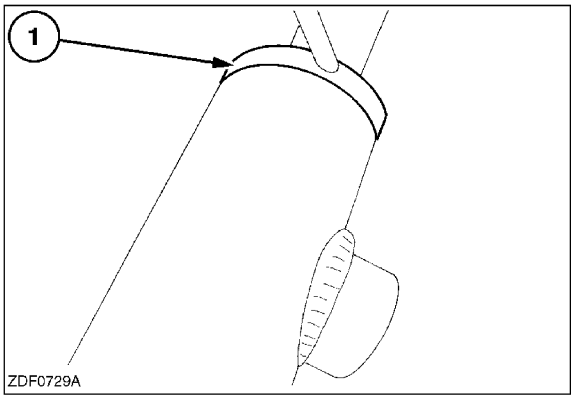
Cylinder Open/close - Disassemble

99C08F

All seals can be replaced and are made available in a seal kit.
Make sure to order the correct seal kit.
"Cylinder with a detachable cylinder head"

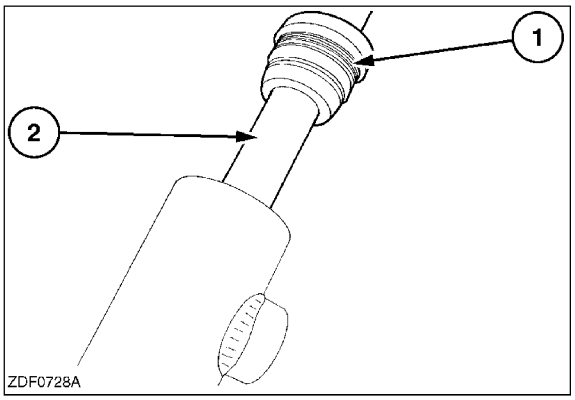
Proceed as follows:

1. Loosen the cylinder head **(1)** by turning the head clock wise, using a punch mark and a hammer.



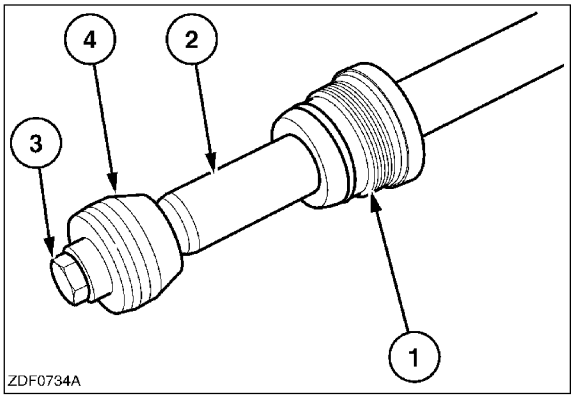
ZDF0729A 1

2. Pull out the piston rod **(2)**.



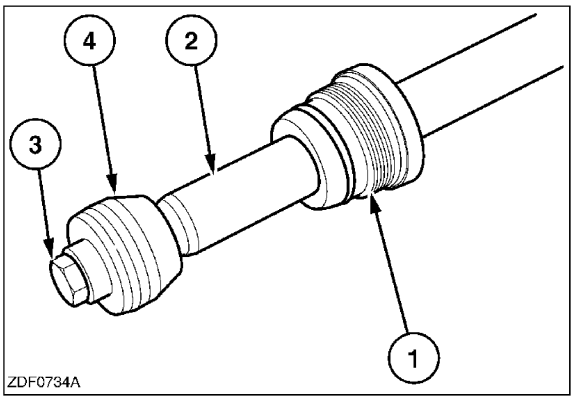
ZDF0728A 2

3. Remove the bolt **(3)** and the cylinder sleeve **(4)**.
Now is it possible to remove the cylinder head **(1)** from the piston rod **(2)**.
Remove all the seals.



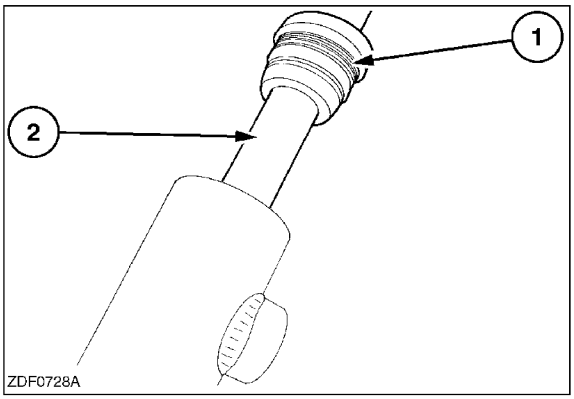
ZDF0734A 3

4. Clean and oil the piston rod **(2)**, the cylinder sleeve **(4)** and the seals and reassemble them.
Slide the cylinder head **(1)** onto the piston rod **(2)**.
Install the cylinder sleeve **(4)** and tighten the bolt **(3)**.



ZDF0734A 4

5. Slide the pre-assembled piston rod **(2)** in the cylinder housing.
Turn the cylinder head **(1)** counter-clockwise onto the cylinder housing.



ZDF0728A_72 5

6. Tighten the cylinder head, using a punch mark and a hammer.

Cylinder Lock - Remove

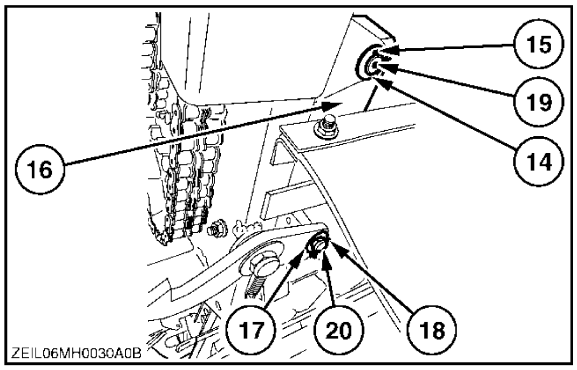
99C08F

⚠ **CAUTION** ⚠

Always raise the feeder all the way up and set the lift cylinder safety stand before working under the feeder or header. M421

Only valid for flip-up headers.

1. Loose the fittings, making sure the system is pressurized.
2. Remove the cotter pin **(18)**, the washer **(17)**. Remove the pin **(20)**.
   On the other side, remove the retaining ring **(15)** and the washer **(14)**. Remove the pin **(19)** with the cylinder **(16)**.



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Cylinder Lock - Install

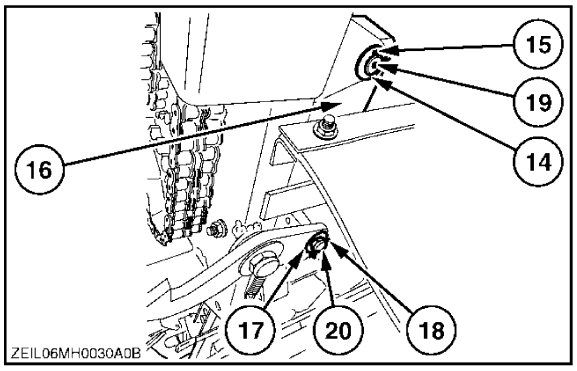
99C08F

⚠ **CAUTION** ⚠

Always raise the feeder all the way up and set the lift cylinder safety stand before working under the feeder or header. M421

Only valid for flip-up headers.

1. Install the pin **(19)** through the cylinder housing **(16)** on the header. Install the washer **(14)** and the retaining ring **(15)**.
2. On the other side, install the pin **(20)** through the cylinder bushing on the lock hook. Install the washer **(17)** and the cotter pin **(18)**.



ZEIL06MH0030A0B 1

3. Connect the two fittings.

Cylinder Lock - Disassemble

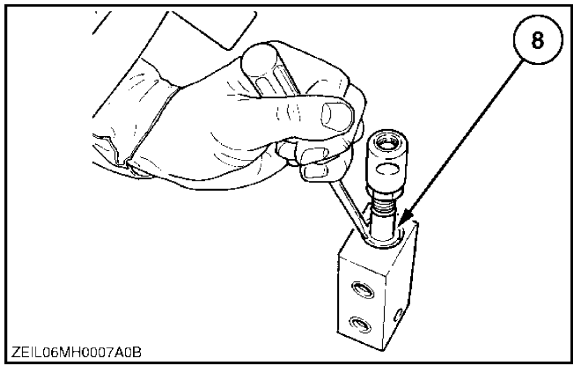
99C08F

Prior operation:
Cylinder Lock - Remove (F.10.E)

NOTE: *For more information, refer to* ***Cylinder Lock - Sectional view (F.10.E)****.*

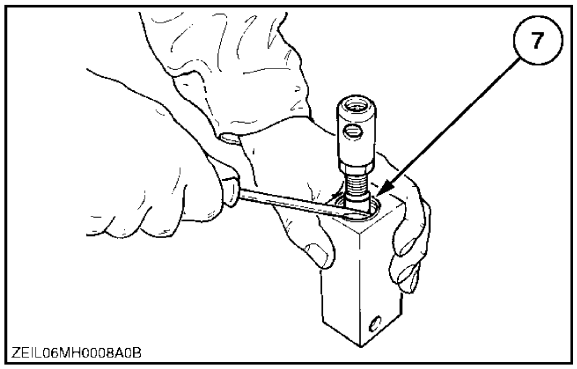
Only valid for flip-up headers.

1. Place the cylinder on the bench and remove the fittings. Drain residual oil from the cylinder.
2. Push in the seal holder **(8)** to gain access to retaining ring **(7)**.



ZEIL06MH0007A0B 1

3. Remove the retaining ring **(7)** from the cylinder housing.
   Withdraw the rod **(1)** completely with the seal holder **(8)** and the piston **(10)** from the cylinder housing **(9)**.



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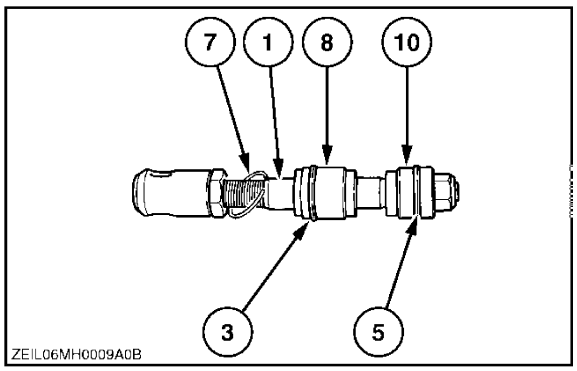
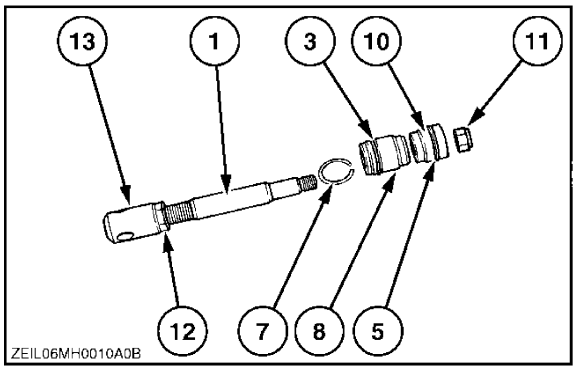
4. Renew the O-ring **(3)** and the seal **(5)** if necessary.



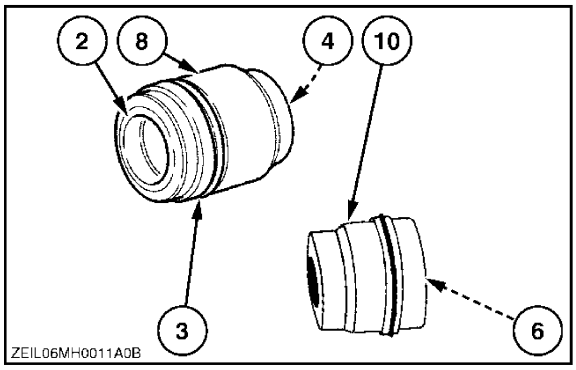
ZEIL06MH0009A0B 3

5. To disassembly the rod assembly, remove the lock nut **(11)**.



ZEIL06MH0010A0B 4

6. Once the seal holder **(8)** is removed from the rod **(1)**, the wiper **(2)** and the rod seal **(4)** can be renewed. If necessary, renew the O-ring **(6)** from the piston **(10)**.



ZEIL06MH0011A0B 5

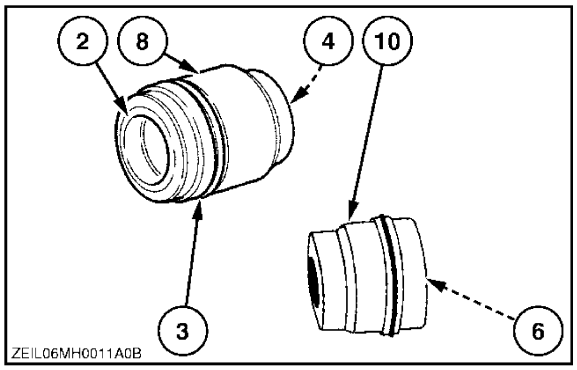
Cylinder Lock - Assemble

99C08F

NOTE: *For more information, refer to* ***Cylinder Lock - Sectional view (F.10.E)****.*

Only valid for flip-headers.

1. Reassemble the seal holder **(8)** with the wiper **(2)**, the rod seal **(4)** and the O-ring **(3)**.
   Reassemble the piston **(10)** with the O-ring **(6)** and the piston seal **(5)**.



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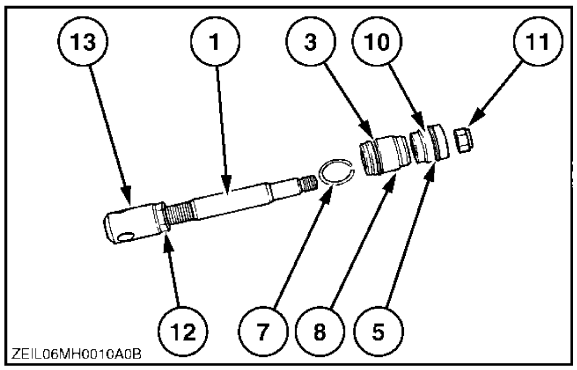
2. Install both assemblies, the seal holder and the piston on the rod **(1)** and fix with the lock nut **(11)** at a torque between **40 - 60 Nm (29 - 44 lb ft)**.



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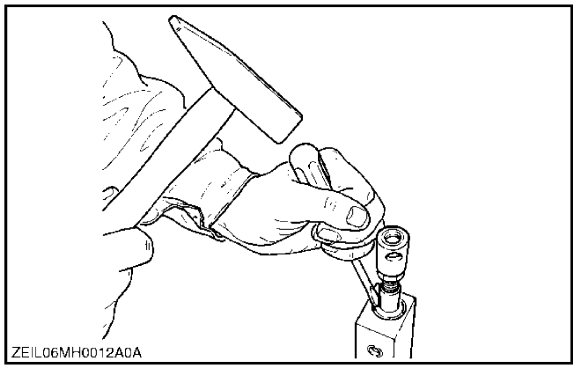
3. Insert the whole assembly in the cylinder housing **(9)**. Drive the seal holder **(8)** into the housing **(9)** and install the retaining ring **(7)**.
   Withdraw the rod **(1)** to insure the correct position of the seal holder **(8)**.



ZEIL06MH0012A0A 3

4. Reinstall the fittings on the cylinder housing.

Next operation:
Cylinder Lock - Install (F.10.E)

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NEW HOLLAND

CROP PROCESSING - K

CUTTING Gripping - 10.D

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99C08F
99C08R

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