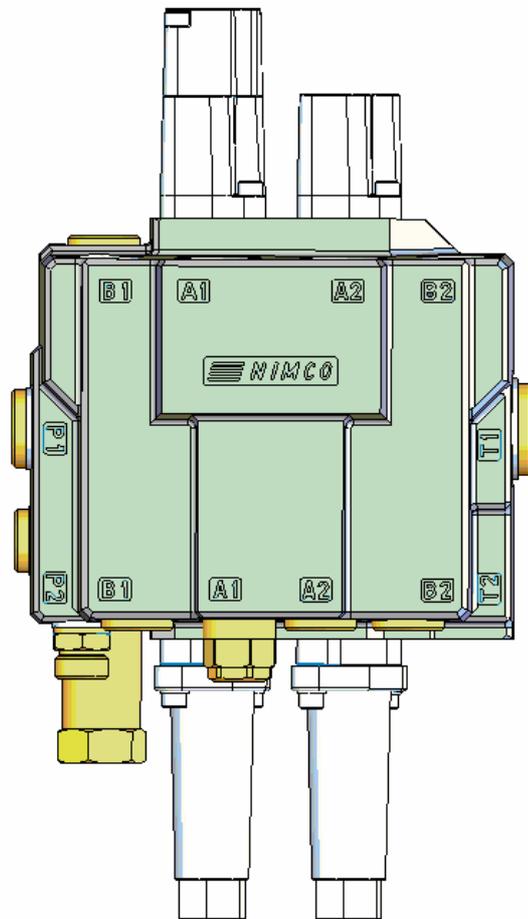


Single-lever control unit

Installation Instructions



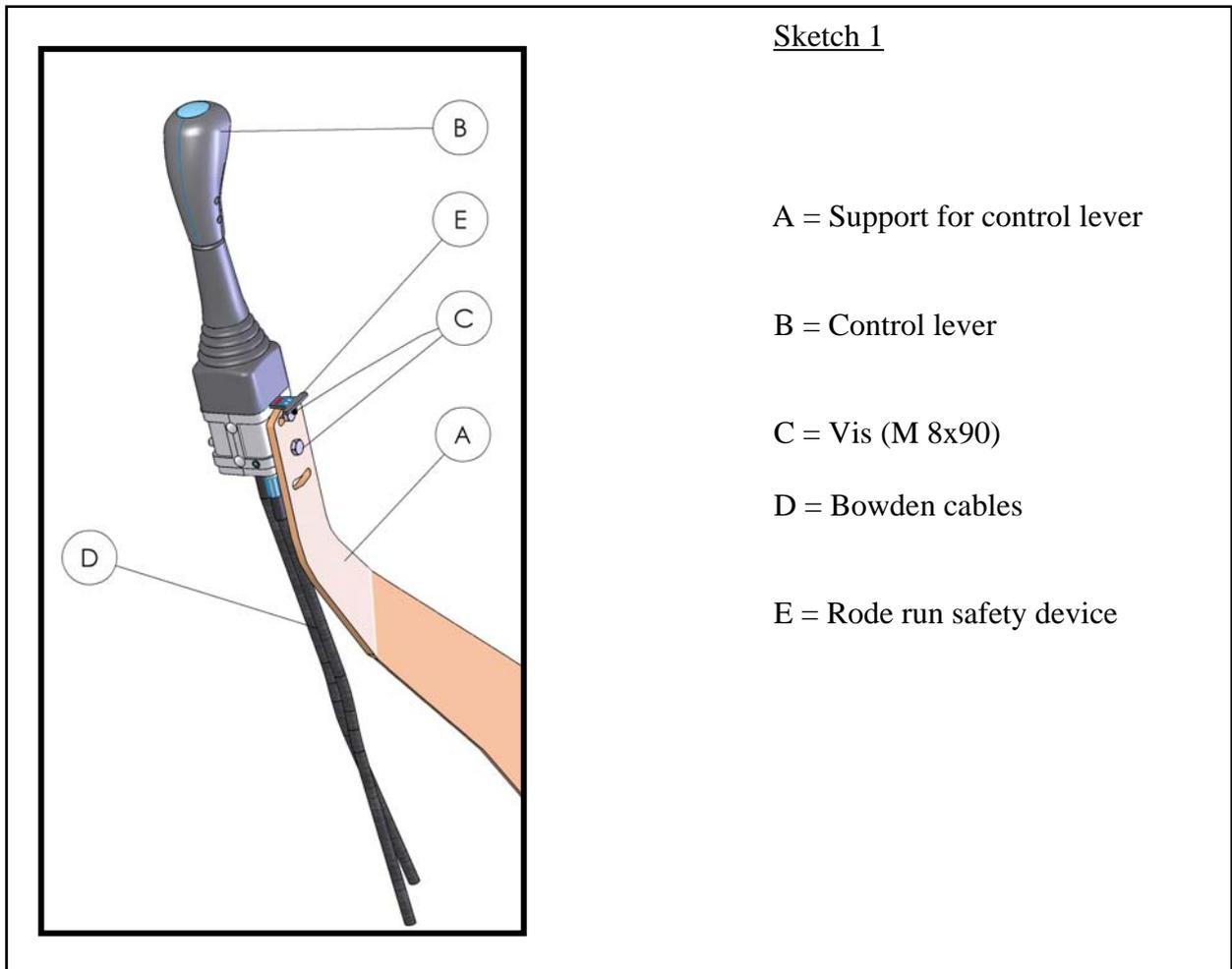
Assembly

Control lever.

Assemble the control lever in the cab in working area of the tractor driver.

Make a support for fastening the control lever in the cab.

See example, sketch 1.



Guide the bowden ables downwards and out through holes in the cab floor or between cab wall and hood.

If necessary bore a hole \varnothing 30 mm in the cab floor.

Assembly of bowden cables to the control lever

Assemble bowden cables in accordance with sketch 2 as follows:

Take bowden cable **A** for **raising** and **lowering** of the beam and bowden cable **B** for **dumping** and **scooping** of the implement.

Push the cap with the bellow **9** over the hand lever till the coupling piece **1** is free.

Loosen fastening screw **3** of the axle journal **4**.

Guide the two bowden cables **A** and **B** through the housing **2** and fasten the ball heads **5** and **6** in the holes of the coupling piece **1**. Assemble fastening screws **3** with axle journal **4** again.

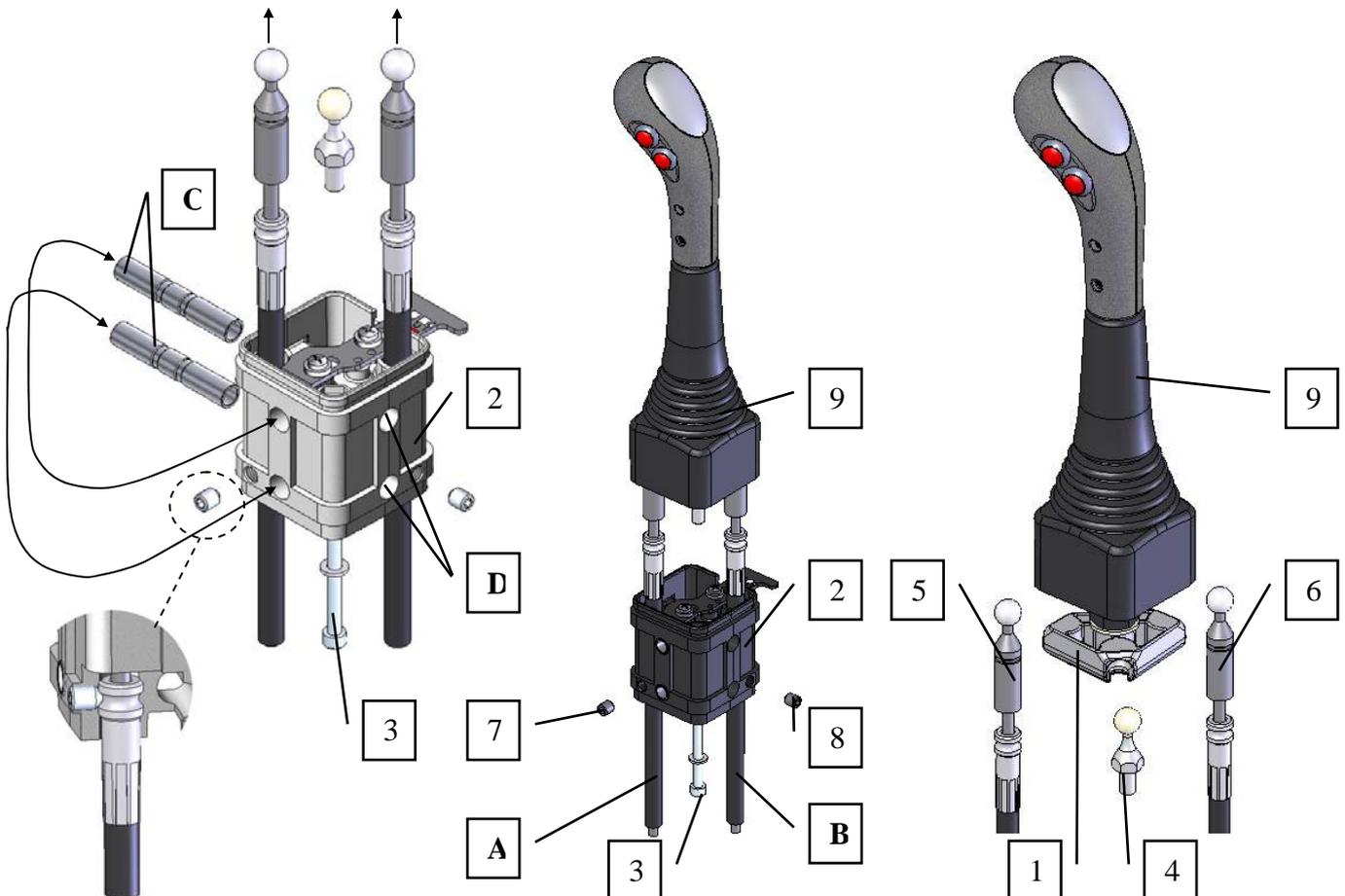
Grease hinges!

Fasten bowden cables in the housing with socket head screws **7** and **8** in groove.

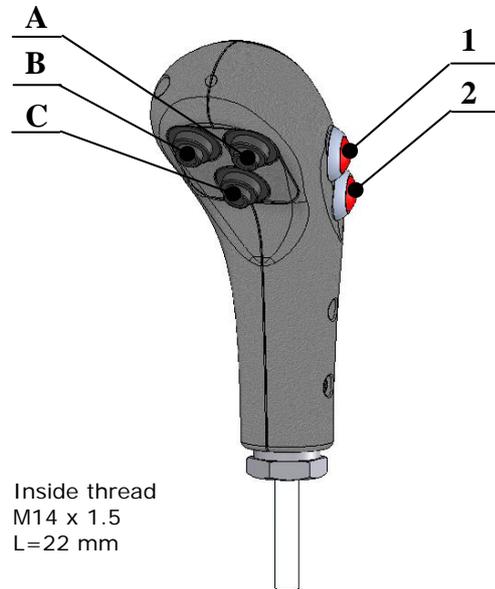
After that put over the cap with the bellow **9**.

Attention!

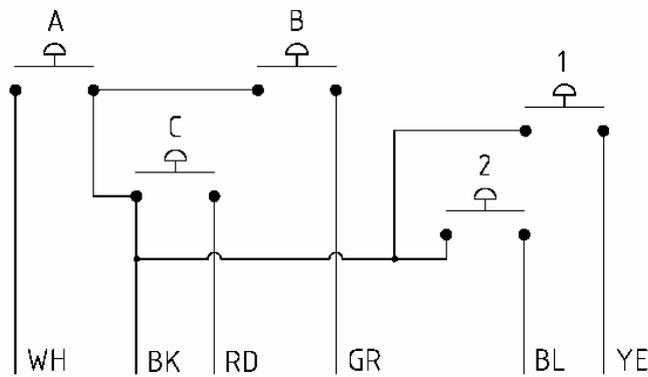
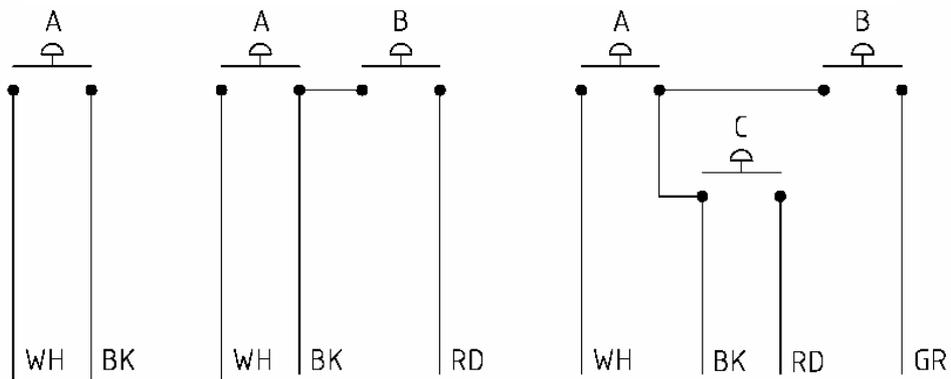
For assembling the control lever on the other side shorten the bushes **C** about 8 mm and transfer them into holes **D**.



Connection diagram



Inside thread
M14 x 1.5
L=22 mm



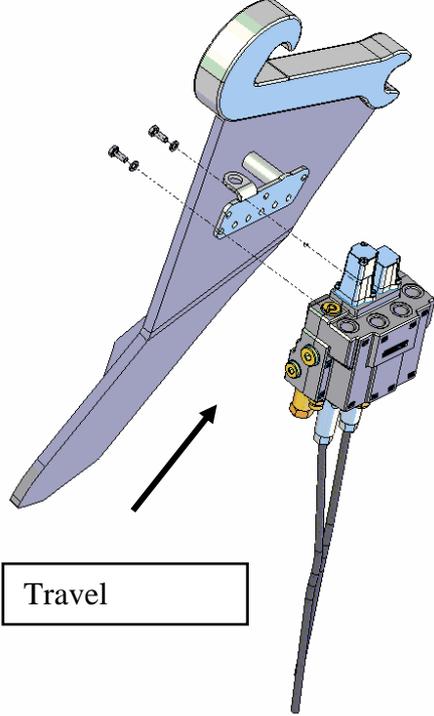
WH = white
BK = black
RD = red
GR = green
BL = blue
YE = yellow

A+B+C+1+2

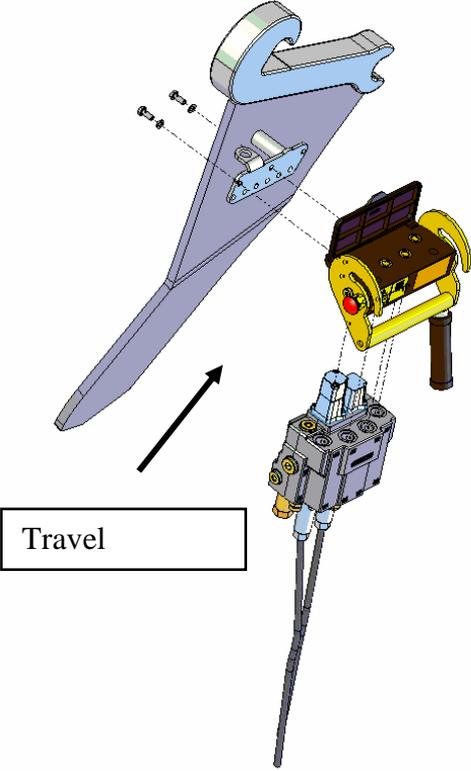
1+2: Additional equipment „Microtaster“ (3478660)

Assembly of the control unit on the tractor

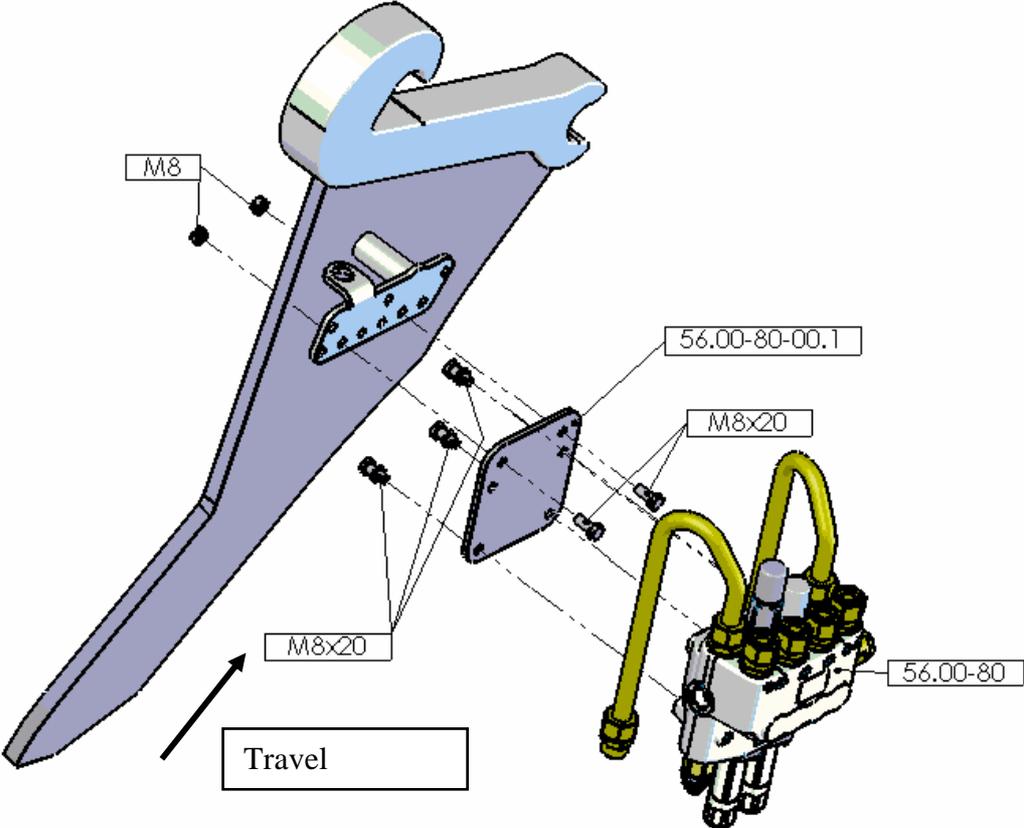
1. Assembly of the control unit standard:



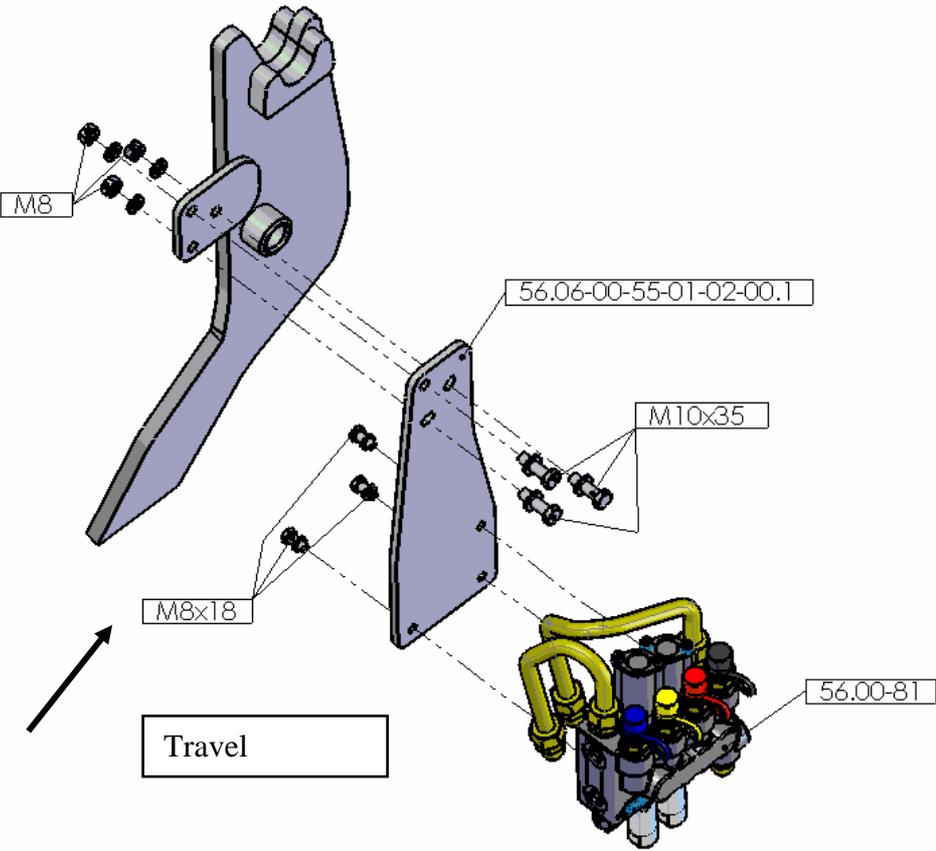
2. Assembly of the control unit with hydrofix:



3. Assembly of the control unit LC



4. Assembly of the control unit FC



Connection of the hydraulic hoses:

Interrupt the pressure line between the tractor-hydraulic pump and the tractor-control unit.

Don't put in any T-connection!

Couple pressure-line of the tractor-hydraulic pump with connection **P** of the control unit RMT 202.

Couple connection **T1** of the control unit RMT 202 with the pressure line which leads to the tractor control unit.

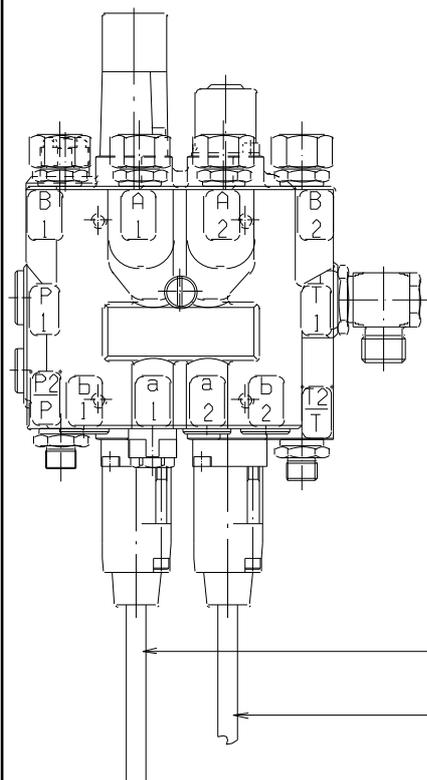
Install no-pressure return from connection **T** of the control unit to the power lift bloc or the reservoir.

Attention!

- For tractors with closed hydraulic-system (e.g. John Deere) close the connection T1 of the control unit with a locking screw!
- Couple the connections for raising and lowering of the beam and for scooping and dumping of the implements with screwed connections (see sketch 3).
- Check at tractors with open centre hydraulic system, whether the pressure is bigger than 190 bar.

If necessary adjust the port relief valve (DBV) to the tractor pressure level. (Check with a manometer in pressure line P).

Sketch 5



P (P2) = Pression (Connection pump-line)

T (T2) = Reservoir (no-pressure return)

T1 = Series (Further flow to tractor control unit)

A1 = Beam raise

B1 = Beam lower (not for single-acting control units)

A2 = Implement scoop

B2 = Implement dump

DBV = Port relief valve (190 bar)

Bowden cable – raise / lower

Bowdencable – scoop / dump

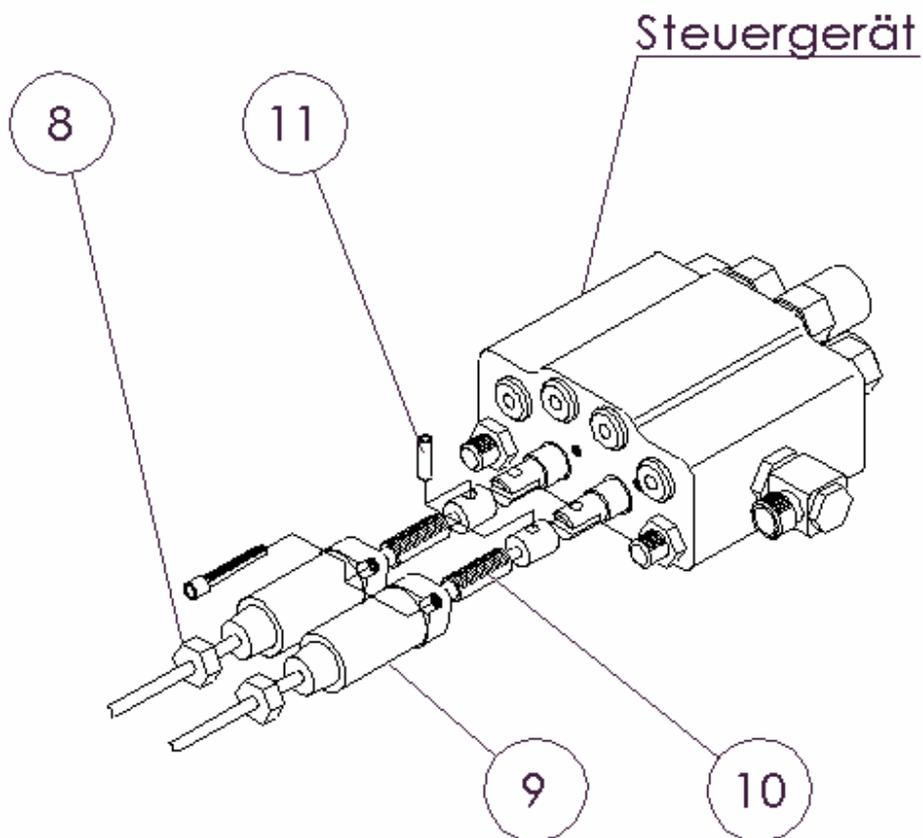
Connection of bowden cables to the control unit:

1. Dismont poston control in accordance with sketch 6:

Screw nut **8** and adjustable cap **9** over the bowden-cable-support **10** so that the piece stick on the bowden cable covering.

Fasten bowden cables to the valve-pistons **11**. Screw on adjustable cap **9** up un the thread of the bowden cable support **10**.

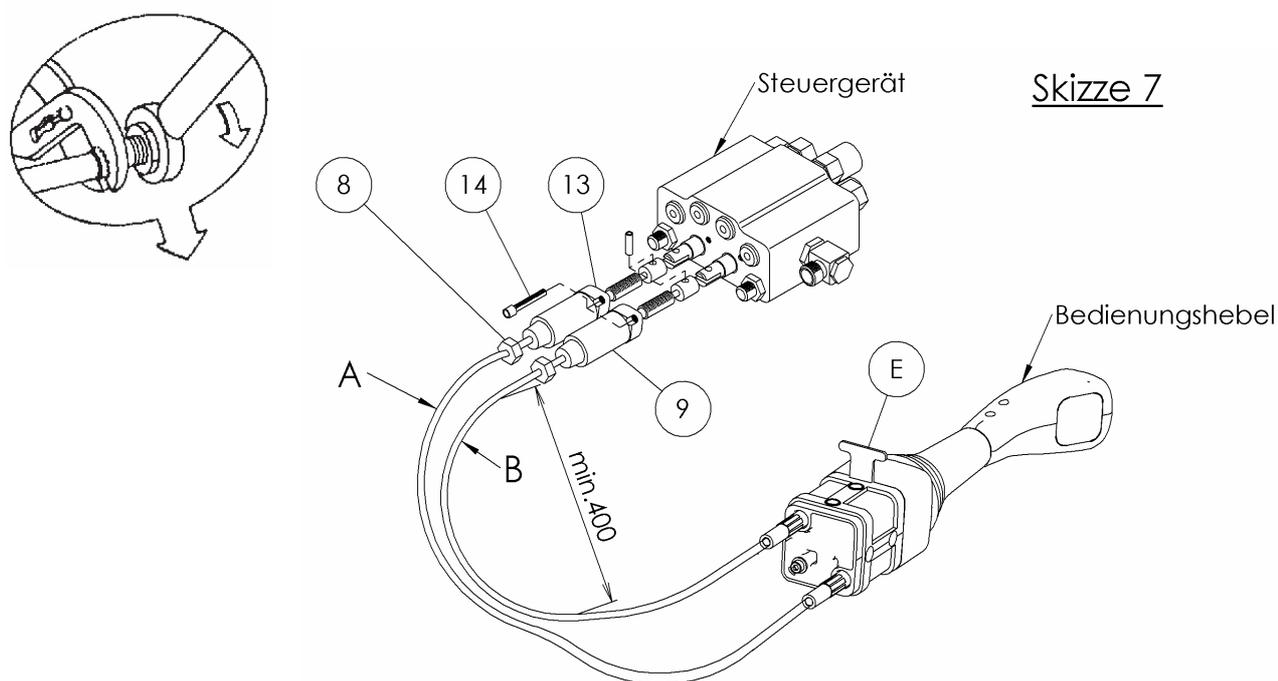
Skizze 6



Press adjustable cap **9** against fixing washer **13** and screw on until the lever of the control lever is in control position. Fasten adjustable cap 9 with screw 14 to the control unit.

Fasten nut **8**, therefore hold fast the bowden cable cover against rotation. Check, if the bowden cable control works correct and if the control unit regulates correct, when both valve pistons are actuated.

This is worth specially for the actuating of control units with 4 switch positions, whereby the fourth has a stop (floating position).



Performance check:

After installation test all working functions (up to the final positions).

Check all connections for tightness.

Check on the correct oil level of the hydraulic after finishing the working test (all hydraulic pistons fully pulled in).

Read and observe all operating- and care-instructions especially the "Declined use of the loader".

Attention:

By actuation the lever C the rode run safety device C is put in.

Unintentional actuation of the control lever is prevented.

