

Instructions for Installation for  
Hydraulic Remote control 30200170  
for JD series 6020/6030 and 7430-7530  
tractors with intermediate axle control  
unit, 1. function, forwards/backwards



***Please read these instructions carefully before installation and pay attention to all the information given.***

# Declaration of acceptance and start of operation

The customer was instructed by the dealer concerning proper use, operation and maintenance. He was informed about safety devices in accordance with the instructions for installation and use. The customer was informed by the dealer about the warranty conditions of the manufacturer.

## Data of dealer:

Name		Str. / No
ZIP	Place	Country

Part No.	Serial No.

## End-user:

Name		Str. / No
ZIP	Place	Country

**Before delivery of the front hitch and/or the front p.t.o. the following works were executed.**

	Is the electronic module fixed in a correct way?
	Have all wires been installed in a non-abrasive way?
	Cable connections to be checked!
	Functional test executed?

- Electronic unit as supplied must exclusively be used in the mode as described in the instructions for installation and operation. Any other form of use has to be considered as inappropriate. It is therefore strictly prohibited and is beyond the range of liability of the manufacturer.
- With regard to the risks involved when inhaling exhaust fumes a tractor must never be started in a closed room (Art. 69 of the safety resolution for agriculture).
- The local safety regulation to prevent accidents must be observed at any time.
- Please read the instructions for installation and operation carefully before starting operation of the electronic unit
- Working with a defective component is not allowed.
- Any maintenance and repair works may only be executed by qualified personnel.
- The electronic units are supplied as a complete set with all the required fixing materials and accessories.
- For information required concerning spare parts, maintenance and repair that is not included in these instructions please contact your dealer respectively the manufacturer. Please see to it that you have the information noted on the type plate at hand.

**Electronic unit handed over on \_\_\_\_\_**

\_\_\_\_\_  
Signature customer

\_\_\_\_\_  
Signature dealer



Dismount right side covering.  
Lift floor rubber and remove the fixing nuts of the front side console.

Pass the remote control cable of front switches from bottom through the cable feed through in a non-abrasive way.



Install the cable at the side next to heating hoses to the rear.

**INFO:**

For easy adjustment of lifting and lowering speed put cable harness for external remote control switch at first in the cabin and adjust speed.

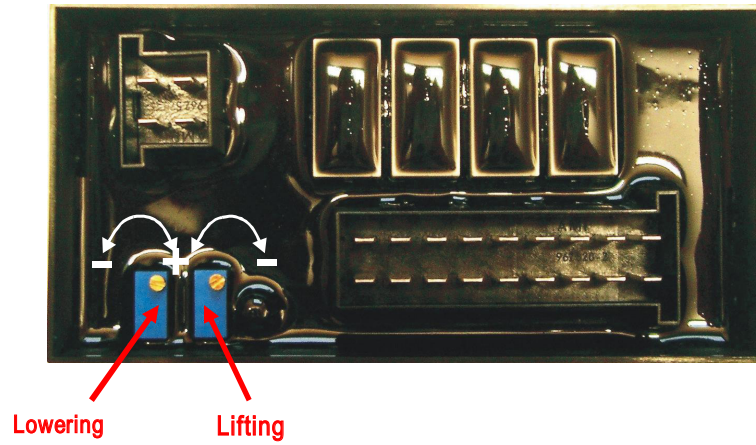


Separate cable harness of electric joystick at the 6- and 8-pole plug.

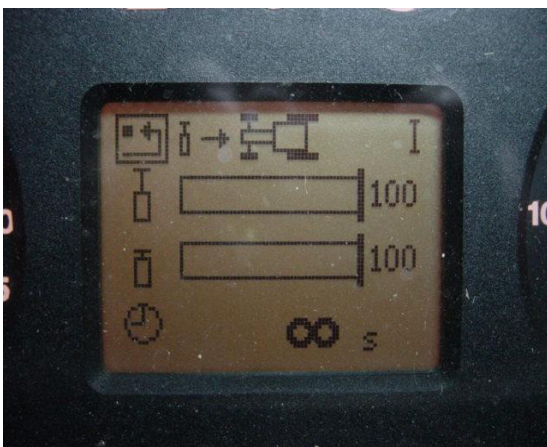


Interconnect the adapter cable included in delivery and connect the remote control module at the designated compact plug. Also insert the feeler cable harness in the module.

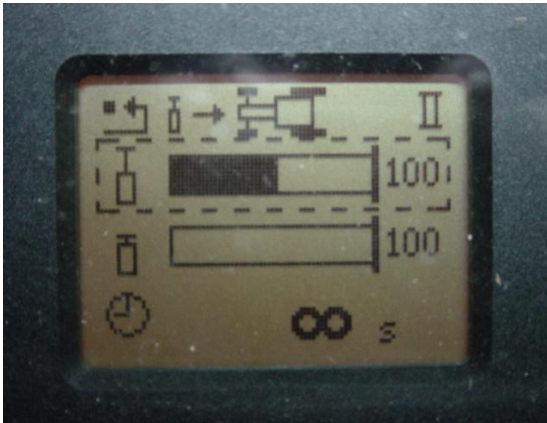
The lifting- and lowering speed can be adjusted at the control box by means of the two potentiometers. Left "poti" is for lowering speed, right "poti" is for the lifting speed.



Connect all plugs according to the instructions in the tractor and take the feeler cable harness with you into the cabin. Choose the respective control unit by means of the selector switch for the hydraulic valves and select lifting or lowering to prevent display from changing after a short while.



**Information:** Please make sure that adjustment is made while control unit is set at highest flow rate.



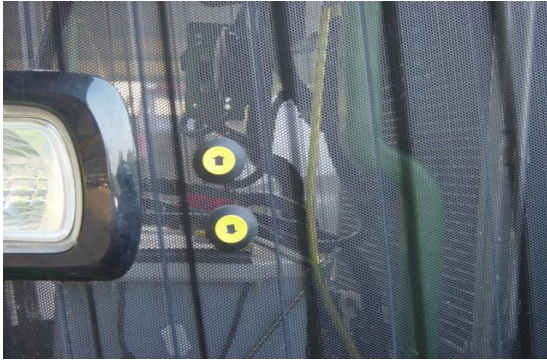
Actuate the remote control switch for „lowering“ and set the desired flow rate by means of the potentiometer. Repeat this procedure for „lifting“.  
When making the adjustment please note the directions of the arrows for the respective potentiometer.  
(see picture of “module“).



Put the control box at the side next to the air duct and the temperature governor in the cavity.



Mount the plate included in delivery at the side plate of the front hitch with the switches.  
Connect cable harness and install the cable in a non-abrasive way to the rear to the right access.  
If the cable is too long form a loop below the right access and fix the cable.



Only for front hitches without cut-out:

Place the switch for the remote control at a suitable place, e.g. in the front grill. To do so drill two holes of a diameter of 30 mm.

Fix the switch and connect the cable harness.



Only for front hitches without cut-out:

Fix the cable at bonnet and lighting cable harness.

Install the cable in a non-abrasive way and fix it by means of cable ties.



Only for front hitches without cut-out:

Take off sealing rubbers between cowling and cabin and put the cable across. Install the cable in a non-abrasive way (cabin suspension ).

If cable is too long form a loop below the right access and fix the cable.

**Check function of the remote control!**

**All plug contacts and switches must be mounted to exclude any malfunctioning.**

## Instruction for adjustment Hydraulic remote control for intermediate axle control unit 30200170

Install the electronic unit in accordance with the instructions for installation.

If there are problems when adjusting via display please proceed as follows:

1. Use a multimeter, adapted to DC with a measuring range of up to 10 V.
2. Contact at the 18-pole plug (see picture) Pin 2 and Pin 10. Pin 2 is earth, Pin 10 is signal voltage.



3. Actuate the pushbutton „lowering“. Voltage of “lowering” must then be in the range between 0,5 V and 2,0 V. Adjust voltage by means of lowering potentiometer. Now the flow rate is again visible in the JD display and fine adjustment can be effected via the display.
4. Actuate the pushbutton „lifting“. The voltage of “lifting” must then be in the range between 3,0V and 4,5V . Adjust voltage by means of the potentiometer for lifting. Now the flow rate is again visible in the JD display and fine adjustment can be effected via display.



**The electronic unit has to be installed in the cabin in a way that no humidity has access to the electronic system, as this causes corrosion on the plug and thus leads to malfunctions.**