4. Calibration - Final position for Black Type Potentiometers

Carry out calibration no. 3. If machine does not work in auto, recalibrate steps 1 and 2, and

calibrate final positions as follows.

Final positions are calibrated opposite way round than for Grey Type Potentiometer.

Press and hold the (cal.)-key Switch on the device using the $(\bigcirc_{off}^{ON/})$ -key The control lamp in the ON/OFF-key $(\bigcirc_{OFF}^{ON/})$ turns on. When the control lamps in (AUTO \bigcirc)-key (📩 💽)-key turn off, release the 💽 <code>cal.</code>)-key. The control lamp in 💽 <code>cal.</code>)-key is now and on. Press the (•)-key again. When this control lamp flashes, the system can be fed with data on the final positions: slowly to the right. Steering now moves to the final Turn the manual control turn key position of the right side. When steering is in the utmost final position press the (AUTO ())-key. Turn the manual control turn key slowly to the left. Steering now moves to the final position of the left side. When the steering is in the utmost final position press the ((•))-kev. Turn steering to centre position using the manual control turn key Press the (cal.)-key to escape from tuning mode. The control lamp in (cal.)-key is now continuously on. Switch off the device using the $(\bigcirc_{OFF}^{ON/})$ -key. Electrical connection of the potentiometres Caution! The polarity of the potentiometres is very important. If the wires are mixed ∕!∖ up the potentiometres may be destroyed. Correct polarity is shown here: Colour codes:

pr	ld 🗌	D bl	× × ~		s un d n	×	br	gn br	× ×	Alternative colour	
		Ventil B	Spritzen Verteiler	Rad	Verrriegelung	(connected)	Potentiometer Deichsel (= Drawbar)	Potentiometer Schlepper (= Tractor)	Reserve	Colour Alte	-

Location of potentiometres



DIP Switches for # 6978

DIP-Switches	Speed		
ON 1 2 3 4 5 6 7 8	0.2		
ON 1 2 3 4 5 6 7 8	0.3		
ON 1 2 3 4 5 6 7 8	0,4		
ON 1 2 3 4 5 6 7 8	0,5		
· ·	Length of tractor coupler		
ON 1 2 3 4 5 6 7 8 ↑ □ □ ■ ■ □ □ □ ■	450 mm		
ON 1 2 3 4 5 6 7 8 ↑ □ □ ■ ■ □ □ □ □	600 mm		
	750 mm		
ON 1 2 3 4 5 6 7 8	900 mm		
ON 1 2 3 4 5 6 7 8	Tractor Poti - High Draw Bar		
	Tractor Poti - Low Draw Bar		
	Commander III		
ON 1 2 3 4 5 6 7 8	long drawbar		
	2500mm / 2600mm		
ON 1 2 3 4 5 6 7 8	short drawbar		
ᄼ▢▢▢◻⊒▤▤	2050mm / 2600mm		
	Commander II		
ON 1 2 3 4 5 6 7 8	long drawbar		
	2500mm / 2600mm		
ON 1 2 3 4 5 6 7 8	short drawbar		
	2050mm / 2600mm		

Length from rear axle to centre of towing ring

green/yellow

blue g/y: br:

ä

둥 :uɓ WS:

Signal Ground +12 V

brown

br: brown green lite

Dip 5 Not used. For detailed information please refer to user's instruction book

Quick Guide - HARDI AUTO-TRACK

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