



30 OFFLINE

Level:

Information - Übersicht

21

1

Machine data

Hako serial number:	-	
Device name:	-	
Software version:	-	
Board serial number:	-	
Hardware version:	-	
Basic software:	-	
Vehicle type:	-	
Type of seat:	-	
Chosen type of tyre	-	
Winter service	-	
Option overload sensor	-	
Option Fleetrecorder	-	
Option Speed Sensor (only 600)	-	
Option front device frame pressure (only	-	

SOW-Ausrüstung	-	-
Date, Time	-	-
Front coding	-	-
Rear coding	-	-

Active diagnosis

New control unit

Adjustment Work hydraulics

Adjustment Drive hydraulics

Anpassung 3-Besen-System

Flashing the software WH

Flashing the software DU

Flashing the software HS

Flashing the software 3BS

Hako

Power supply

Power supply terminal 30, electronic	- V
Power supply terminal 15	- V
Power supply, pump, -F07	- V
Power supply, dig. output, -F05, -K10, -F03	- V
Power supply, dig. output, -F08	- V
Power supply, indicator, -F14	- V
Power supply, 5V, encoder	- V

Clearance for start

- ☒ Pedal switch, forwards, -S25
- ☒ Reversing signal, -S27
- ☒ Clearance for start from software
- ☒ Startfreigabe Fleetrecorder
- ☐ Drive release from software
- ☐ Freigabe Arbeitsfahrt Fleetrecorder
- ☐ Seat contact okay
- ☐ Generator runs -G02:D+

CM600 - Adjustment Work hydraulics

InformationWork hydraulicHydrostatConfigurationSystem? [EN]


334

Level:
-

CM 1600 - System - Adjustment Work hydraulics



Auswahl

Prop-Ventil Heckkreislauf, -Y10

Prop-Ventil 2

Prop-Ventil Frontkreislauf, -Y21

SOW Einstellungen

Skip

Abort

Choose Proportional Valve Front Circuit



Level:

CM 1600 - System - Anpassung Arbeitshydraulik

Auswahl

Ablauf

Prop-Ventil Frontkreislauf, -Y21

Zur Prop-Ventil Anpassung:
Motor starten, Arbeitsfahrt wählen!
Motordrehzahl 2000 rpm

Nach dem Speichern:
Motor aus und ein, Arbeitsfahrt wählen!
Motordrehzahl 2000 rpm
testen

Fugcodierung

Keine Codierung

Motordrehzahl

2398 rpm

Speichern

Gespeicherter Min-Wert 0
Gespeicherter Max-Wert 100
Gesp. Anschlagswert 84

Ventil-Nennstrom Min-Wert
0 130 %

Ventil-Nennstrom Max-Wert
0 130 %

Nennstrom 50 L Anschlagswert
0 100 %

Testen

Aktueller Min-Wert
Aktueller Max-Wert
Akt. Anschlagswert

Attention before every change of the slider first
slide to 0% and then to the target

Sample Front Attachment uncoded:
Change Front attachment to 70 l (via display/
front attachment)
Activate working mode (green button)
At Display turn volume to 100%
With slider (**max.**) adjust to 74l (without load)
(Proof by **Test** Button)
Change Front attachment to 50 l
With slider (**Anschlagswert**) adjust to 54l (without
load)
At Display turn volume to 10%
With slider (**min.**) adjust to 5l
If everything is correct save to A04 by **Store**
Button

Aussteuergrad

0%

Strom am Ventil

0 mA



334

Level:

CM 1600 - System - Adjustment Work hydraulics

Hako

Auswahl

Prop-Ventil Frontkreislauf, -Y21

Zur Prop-Ventil Anpassung:

- Motor laufen lassen!
- Arbeitsfahrt wählen!
- Motordrehzahl 2000 rpm

Nach dem Speichern:
Front coding 1

2-Broom system

Achtung! Besendrehzahl max 120 rpm !

● Motordrehzahl, 1k9 - 2k7 2401 rpm
10. Einstellungen speichern

Store

Abort

Ablauf

Gespeicherter Min-Wert 31
Gespeicherter Max-Wert 51
Gesp. Anschlagswert -

Ventil-Nennstrom Min-Wert
0 130 %

Ventil-Nennstrom Max-Wert
0 130 %

Nennstrom 50 L Anschlagswert
0 100 %

Test

Aktueller Min-Wert 31
Aktueller Max-Wert 51
Akt. Anschlagswert 0

Sample 2-Broom-System:

Sweeper have to be mounted (incl. Coding Plug X63)

Activate Sweeping (Green Button)

At Display turn Broom Speed to 10%

With slider (**min.**) adjust Broom to 30 rpm
(Proof by **Test** Button)

At Display turn Broom Speed to 100%

With slider (**max.**) adjust Broom to 120 rpm

If everything is correct save to A04 by **Store** Button

Ausseteuergrad

33 %

Strom am Ventil

1230 mA

Adjustments for the calibration of Y21 through flow meter

Funktion	10% (at Display)	100% (at Display)
2 Broom system	3,5 l/min	14 l/min
Citycleaner	13 l/min	23 l/min
Mower	- l/min	54 l/ min
Front sweeper	10 l/min	50 l/min
uncoded	5 l/min	54 / 74 l/min

Adjustments for the calibration of Y21 through speed frequency checking

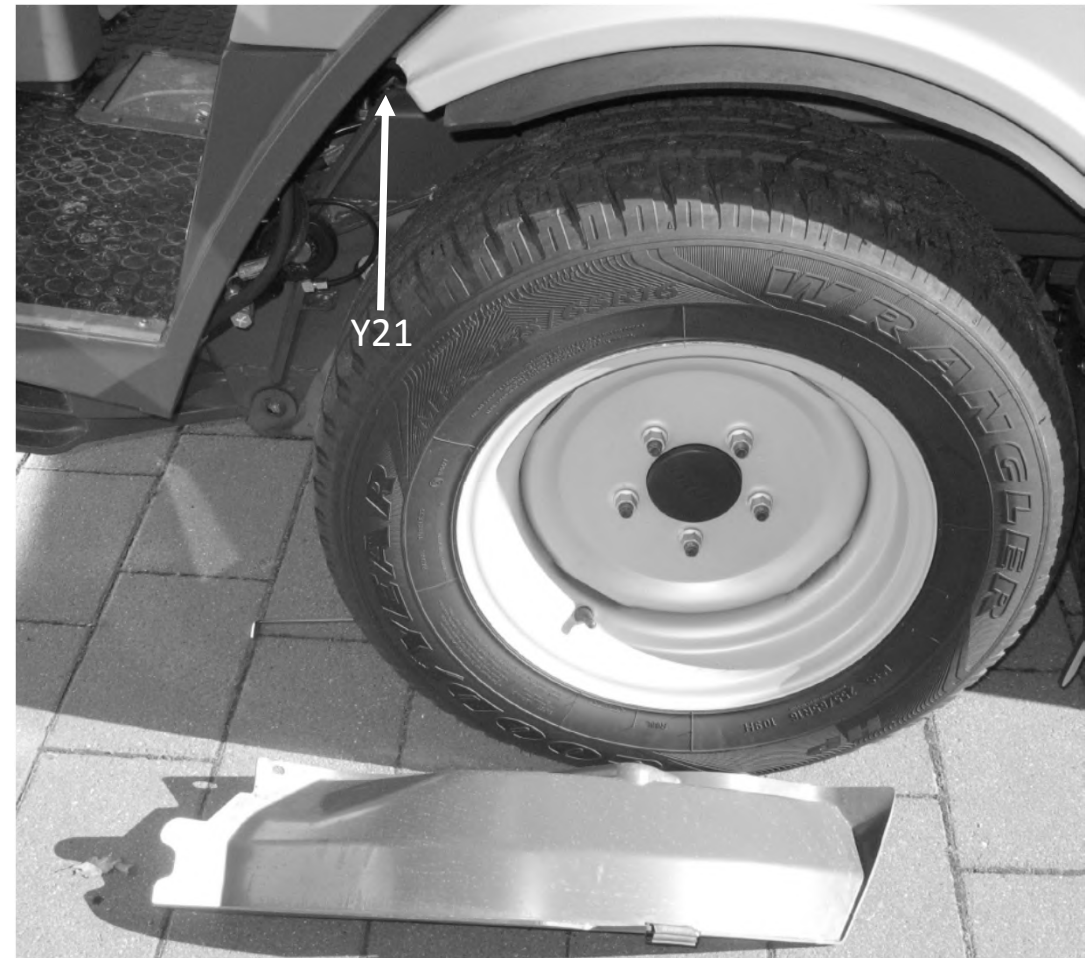
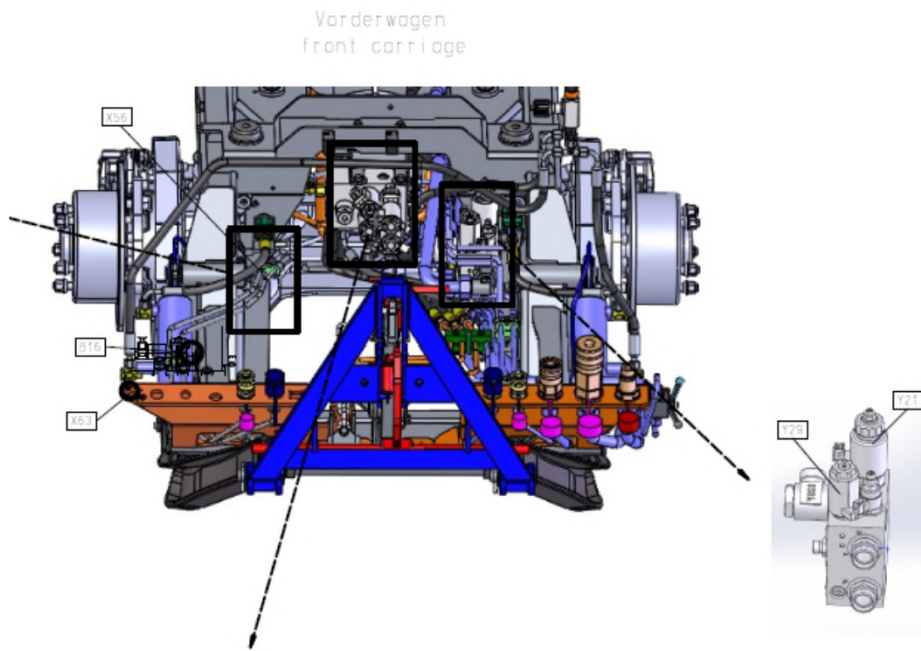
Funktion	10%	100%
2 Broom system	30 rpm	120 rpm
Citycleaner	100 rpm	200 rpm
Mower	- rpm	3100 rpm
Front sweeper	50 rpm	300 rpm

CM 1600- Magnetventil Tellerbesendrehzahl Y21; Entlüften und Einstellen

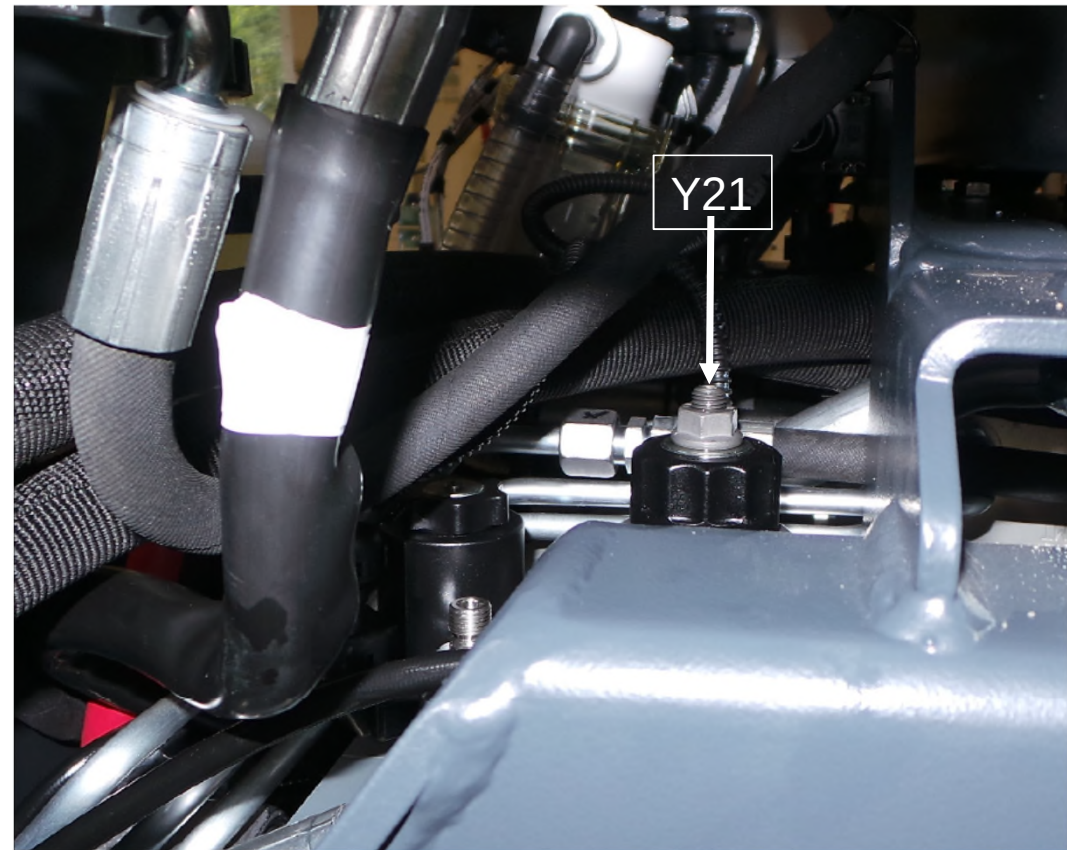
Solenoid valve circular broom speed Y21; Air venting and adjustment

Einbaulage: In Fahrtrichtung links hinter dem linken Vorderrad

Mounting position: Driving direction left behind the left front wheel



CM 1600- Magnetventil Y21; Entlüften und Einstellen
Solenoid valve Y21; Air venting and adjustment
Einbaulage: In Fahrtrichtung links hinter dem linken Vorderrad
Mounting position: Driving direction left behind the left front wheel



CM 1600- Magnetventil Y21; Entlüften bei laufenden Tellerbesen
Solenoid valve Y21; Air venting while the circular brooms are running

Innensechskantschraube bei laufenden Tellerbesen herausdrehen, wenn keine Luft mehr austritt, ist die Innensechskantschraube wieder anzuziehen.

Unscrew the allen screw while circular brooms are running; if no air emerges, tighten the allen screw again.

