

11.1.2 Software-Update B175R B260R B400R/RM/RH



1) Flash SD-Card



Rear side of dash board

The SD cardslot is on the rear side of the display board A2. For flashing, the SD card has to be extracted from the slot. To do this dismount the dashboard (8 screws). Then you could take out the card.



SD-Card into computer SD-Slot

Only one SD drive may be connected, otherwise an error message will appear.

The Hako Diagnosis must be connected to an interface. A connection to the machine is not necessary.

Depending on whether not connected or connected follow the steps Interface is not connected to the machine or Interface is connected to machine





Choose "CAN Flasher B175R / B260R / B400R" program in Hako Diagnosis.



a) Interface is not connected to machine



By choosing "OK " the search process is canceled.

B175R/B260R/B400R			Hako
👭 HakoDiagnose - Information		- 0	× Group
- 2.0.21.05-357 63744254-3	HakoDiagnose - Information Steuerung suchen	Harko Clean ahead	
[EN]			
Diagnosedaten ID Plattform unbekann Modell unbekannt OK	E CANUSE_1 C Write rr	COM 1 ▼ hicro-SD Card	

Choose "Write micro SD Card" program.



👭 HakoDiagnose - System	
B175R/B260R Display-Image HakoDiagnose - System - 2.0.21.05-357 53534136-3	Hako Clean ahead
[EN]	
SD-Karte flashen	
C:\MDT\Hako\B160_B250\Flasher\Display\V910031_2.008.img	
 Select software : B175 (V910031_2.008.img) 	
B260 (V910031_2.008.img)	
O B400 (V910031_2.008.img)	
OK Abort	

Choose corresponding machine and start flashing with "OK".



b) Interface is connected to machine (sample B260R, equal for all types)

2.0.21.05-357 53534136-:	rubmaster B260R Hako 3	Diagnose - Information	Ha	iko Clean ahead
ormation System	? Exit	[EN]		
Overview	Operating hours Event m	emory Documents		
achine data		Settings and options		
ako model: ako serial number: oftware version: ardware version: isplay Version: lachine Type: rush deck: DS type (Battery type : ratery charger (Battery type): charging characterist c: ravel drive: xternal Memory	Scrubmaster B260R 718200000361 7182.00.001.007 97155519 V910028_2.004 B260 R Walzenbürste 1080mm PzS oder PzB kein Onboard-Ladegerät XAC (Front+Heck) SD-Card	Data SOW, 3.2. SOW, 3.3. SOW, 3.4. SOW, 3.5. SOW, 3.6. SOW, 3.6. SOW, 3.7. SOW, 3.8. SOW, 3.9. SOW, 3.A. SOW, 3.A. SOW, 3.A. SOW, 3.A. SOW, 3.C. SOW, 3.E. SOW, 3.E.	Contents 0 0 1 1 0 1 0 1 0 1 0	
ast error: ate, Time erviceWecker: bgelaufen in 250 Stunden ode	3412 12-07-21 , 13:39:16 er 365 Tagen	Sow, 3.F. Param, 4.0. Param, 4.1. Param, 4.2. Param, 4.3. Param, 4.4. Param, 4.5. Param, 4.6. Param, 4.7	0 3 0 1 3 1 0 3 1 0 3 0 3 0 3	

Choose menue "System"





Choose the programm "SD-Karte flashen".



2.0.21.05-357 53534136-	rubmaster B400R 3	HakoDiagnose	- System		Clean ahea
ormation System	? E	Beenden (DE)	No.		
Software flashen	Wartung	SD-Karte flashen	OBL Historie	Konfiguration	BandEnde
MDT\Hako\B160_B250\Flasi	her/Display/V910031_2.00	8.img			
) Software auswählen:					
B175 (V910031_2.008.im) B260 (V910031_2.008.im)	g) g)				
B400 (V910031_2.008.im)	g)				
ок 🔶	Abbruch				

Choose corresponding machine and start flashing with "OK".



Possible error message with both variants

HakoDiagnose - System					
2.0.21.05-357 53534136-	crubmaster B400R ·3	HakoDiagnose -	System		Clean ahead
formation System	? B(eenden [DE]			
Software flashen	Wartung	SD-Karte flashen	OBL Historie	Konfiguration	BandEnde
	Ľ				
		SDuritor - 11			
		Image File	Device Error - 1.1		Device
		V910031_2.008.img	Please ins	ert exactly one device.	NO DEVICE
		Progress		ОК	0%
		Waiting for a task.			
)

Message if there are problems with the SD card or the drive. The following errors are possible:

- SD card is defective
- SD drive is defective
- More than 1 SD drive is recognized
- Drive does not meet the specifications of the SD-Writer



HakoDiagnose - System	Scrubmaster B400R	HakoDiagnose	- System		Hako
2.0.21.05-357 53534136	-3	nakoblugnose	o juccini		Clean ahead
nformation System	? !	Beenden (DE)			7
Software flashen	Wartung	SD-Karte flashen	OBL Historie	Konfiguration	BandEnde
16] USER ERROR, Flashen a	abgebrochen. Mehrere oder	keine			
ок					

Display if the message "Please insert exactly one device" was confirmed with OK.



B175R/B 2.0.21.05-357 63744254-3	260R Display-Image HakoDiagnose - System	Harka Clean ahea
1	SD-Karte flashen	
	SDwriter - 1.2 Image File V910031_2.008.img	Device [E:\]
	Progress 9.51949MB/s	79%

Display when the flash process has started normally



👭 HakoDiagnose - System	States of the St	
B175R/B260R Display-In - 2.0.21.05-357 63744254-3	nage HakoDiagnose - System	Harko Clean ahead
[DE]		
	SD-Karte flashen	
Das Flashen wurde erfolgreich abgeschlossen		
ок		
	_	

Flash process is succesfully finished. Confirm with "OK"



SD card back into SD-Slot of display



Rear side of dashboard

After the flash process is done, put the SD card back (from the computer to the display).





After the key switch is ON, the message of a new variant appears on the screen,

with the request "Update". To do this, just press the rotary push button. Turning it leads to termination





2) Flash software A1

HakoDiagnose - Star	rtseite Diagnose			- 🗆 ×	
2.0.21.05-21.05	-	HakoDiagnose - S	Startseite Diagnose	Hako	
Startseite ?	Beenden [DE]			citan antao	The
					conn
					conn
					(OBI
	CM 2000 Euro 3		Scrubmaster B90 CL		
_					1 tot
					1
	CM 2000 Euro 4		Scrubmaster B75 R / B115 R		
					No. of Concession, Name
	CM 2000 Euro 5		CAN Flasher B75 R / B120 R		
_					Ì
	CM 600 / CM 650		CAN Elasher B175 R / B260 R / B400 R		
	CM 1600 / CM 1650	/	Sweepmaster 1500 RH		
_		_ /			
	CM 2200		CM 650 Hydrostat-SG		

The Hako diagnosis must be connected to an interface. A connection to the machine (OBD plug) is essential.



Choose "CAN Flasher B175R / B260R / B400R" program in Hako Diagnosis.



2.0.21.05-357 53534136-	crubmaster B260R 3	HakoDiagnose -	Information		Hoka Clean ahea
formation System	? Exit	[EN]			
Overview	Operating hours	Event memory	Documents		
achine data		Settings a	nd options		
lako model: lako serial number:	Scrubmaster B260R 718200000361	SOW, 3.2 SOW, 3.3	Data	Contents U 0	
software version: lardware version:)isplay Version:	7182.00.001.007 97155519 V910028_2.004			0 1 1	
lachine Type: crush deck:	B260 R Walzenbürste 1080mm		9 <u>9</u> 4	0 1 0	
DS type (Battery type): lattery charger (Battery type)	PzS oder PzB kein Onboard-Ladeger	ät SOW, 3.A SOW, 3.B SOW, 3.C		0 0 0	
harging characteristic: ravel drive: xternal Memory	 XAC (Front+Heck) SD-Card	SOW, 3.D SOW, 3.E SOW, 3.F		0 0 0	
Last error: 3412 Date, Time 12-07-21, 13:39:16 ServiceWecker:		Param, 4. Param, 4. Param, 4.	0. 1. 2	3 0	
		Param, 4. Param, 4. Param, 4.	2. 3. 4.	3	
bgelaufen in 250 Stunden od	er 365 Tagen	Param, 4. Param, 4. Param, 4.	5. 6. 7.	3 0	

Choose menue "System" (sample B260R, equal for all types).



📕 HakoDiagnose	- System					
7 1 2.0.21.05-3	S 0 857 53534136-	crubmaster B260 3	R HakoDiagnose -	- System		Hako Clean ahead
Information	System	?	Exit [EN]			
Flash soft	vare	Maintenance	SD-Karte flashen	OBL history	Configuration	BandEnde

Choose program "Flash software".



🚪 HakoDiagnose - System						
 1 2.0.21.05-357 5353413	Scrubmaster B260	R H	akoDiagnose -	System		Hako Clean ahead
Information System	?	Exit	[EN]			
Flash software	Maintenance	SD-K	arte flashen	OBL history	Configuration	BandEnde
Flashing must not be interrup	oted!		Data		Contents	
Ensure that the power supply	y of the		Flasher:	Flashvorbereitun	9	
PC and machine work correc	ctly and		HW-Version	97155519		
the cable is not disconnected			SW-Version vorhe	r 7182.00.001.007	8	
			Hako Seriennumn	ner 718200000361		
ок	Abort					

Start flash process with "OK".

2.0.21.05-357 53534136-3	r B260R H	łakoDiagnose -	System		Hako Clean ahead	
nformation System ?	Beenden	[DE]				
Software flashen Wartun	g SD-H	(arte flashen	OBL Historie	Konfiguration	BandEnde	
)as Flashen darf nicht unterbrochen werden!		Daten		Inhalt		
Sicherstellen, das die Spannungsversorgung von PC und Maschine korrekt arbeitet und die		Flasher:		Flashvorbereitung		
		HW-Version		97155519		
Kabelverbindung nicht unterbrochen wird!		SW-Version vorher		7182.00.001.007		
	_	Hako Seriennummer		718200000361		
		Common particular in the second se		3 008.000.hex		
Software auswählen: 7182.00.001.008.000		Das Flashen war erfolgreich! Bitte den Schlüsselschalter aus- und einschalten, dann bestätigen.		TATUS_LOAD_FILE		
				TATUS_CONNECT_J2534		
				TATUS_CHECK_STATE		
		QK		[ATUS_READ_ECU_ID		
				TATUS_SEND_PASSWORD		
	Ċ	11		TATUS_ERASE_FLASH		
		Flasher: \$ACTION_S		STATUS_FLASH_PROGRESS		
		Flasher:	ar: \$ACTION_STATUS_CHECK_FW			
		Flasher:	SACTION_STATUS_SWITCH_TO_APP			
		Flasher:	The status_uk			
		Flasher:	Епоід		8	

Flash process is succesfully finished. Confirm with "OK"



Group



If only update software A1 is carried out. The following display appear after the key switch is ON. This means that newer display software is required





3) Check software versions



Choose "CAN Flasher B175R / B260R / B400R" program in Hako Diagnosis.



formation System	? Ex	it [EN]			
Overview	Operating hours	Event memory	Documents		
achine data		Setti	ings and options		
lako model:	Scrubmaster B260	R	Data	n	Contents
lako serial number:	718200000361	301	N 22	0	
oftware version:	7182.00.001.008.00	0 50	N 34	0	
lardware version:	97155519	SOV	V. 3.5.	1	
Display Version: V010031 2 0		SOV	V. 3.6.	1	
Sopial Version		SOV	N, 3.7.	0	
Machine Type:	B260 R	SOV	V, 3.8.	1	
rush deck:	Walzenbürste 1080mm		V, 3.9.	0	
type (Battery type): PzS oder PzB		SOV	N, 3.A.	0	
Battery charger (Battery type)	: kein Onboard-Lade	gerät	V, 3.B.	0	
harning characteristic:	the second second	Sev	V, 3.C.	0	
ravel drive:	VAC (Front-Hock)	SOV	V, 3.D.	0	
raver unive.	CD Card	SOV	N, 3.E	0	
xternal memory	SD-Card	SOV	N, 3.F.	0	
		Para	am, 4.0.	3	
9		Para	am, 4.1.	0	
ast error:	4535	Para	am, 4.2.	1	
Date, Time	12-07-21, 14:24:04	Para	am, 4.3.	3	
erviceWecker:		Para	am 45	0	
Abgelaufen in 250 Stunden oder 365 Tagen		Rar	am, 4.6.	3	
		Par	am 17	0	

Compare the version numbers under "" Display Version: and Software Version: "with the specification (sample B260R, equal for all types)





Alternative method to check versions (sample B260R, equal for all types)

"Rotate" until green arrow on red background confirm by "Pressing" rotary push button



"Rotate" until the information field is framed in _yellow confirm by "Pressing" rotary push button



(sample B260R, equal for all types) Serial number of the machine Display version Front wheel drive control version Rear wheels drive control version Main board (A1) version Bootloader version