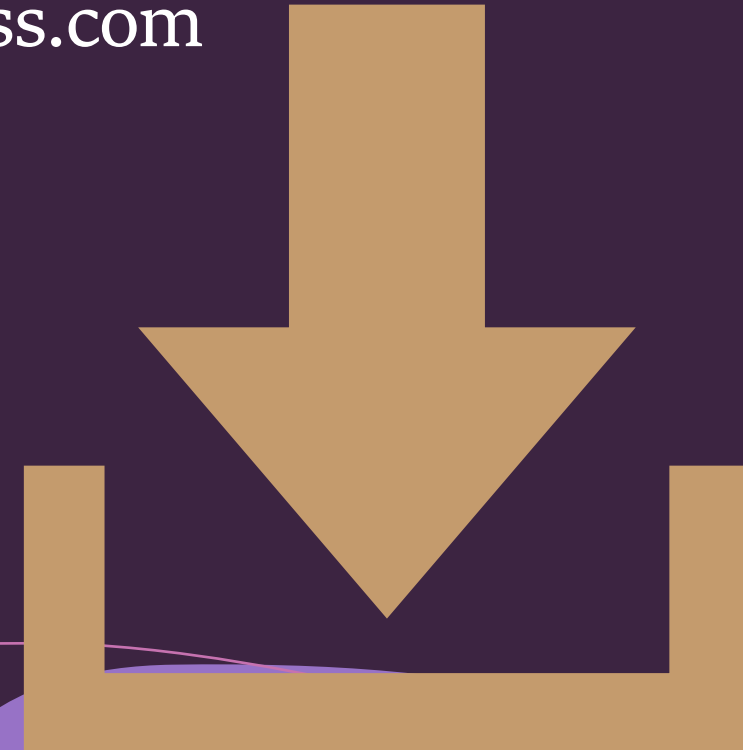


# Hako Software Requirements & Downloading

## Section #1

The following are needed before obtaining/downloading the Hako Diagnostic software from [Powerboss.com](http://Powerboss.com)



Diagnostic cable kit K-SMDIAGKIT which includes the following cables.

- A Hako WebX Account.



OBD II Diagnostic Cable  
#03502750



Can-Fox Interface Cable  
#3502430

# Acceptable

Laptops with Windows 10 or higher. ***User must have Admin rights.***





# Acceptable

Toughbooks with Windows 10 or higher. **User must have Admin rights.**



# Acceptable

Desktop unit with Windows 10 or higher. **User must have Admin rights.**



Unacceptatable

Handheld Tablet will no work



# Unacceptable

Fold out Tablet will not work





# Unacceptable

Kindle/Fire Tablet will not work



Section #2

# Obtaining A Hako WebX Account



Send the following, requesting a WebX account to:

[Techsupport@minutemanintl.com](mailto:Techsupport@minutemanintl.com)

[Techsupport@powerboss.com](mailto:Techsupport@powerboss.com)

- Company Name: • Scrubbers R Us
- Technician Name: • John Doe
- Technicians company email: • [J.doe@SRU.com](mailto:J.doe@SRU.com)
- Technicians Phone number: • 555-555-5555



### Section #3

Obtaining/Downloading the  
Hako diagnostic software  
from [Powerboss.com](http://Powerboss.com)



```
... object to mirror...
mirror_mod.mirror_object

operation == "MIRROR_X":
    mirror_mod.use_x = True
    mirror_mod.use_y = False
    mirror_mod.use_z = False
operation == "MIRROR_Y":
    mirror_mod.use_x = False
    mirror_mod.use_y = True
    mirror_mod.use_z = False
operation == "MIRROR_Z":
    mirror_mod.use_x = False
    mirror_mod.use_y = False
    mirror_mod.use_z = True


#selection at the end -add
mirror_ob.select= 1
modifier_ob.select=1
context.scene.objects.active
("Selected" + str(modifier_ob.name))
mirror_ob.select = 0
= bpy.context.selected_objects
data.objects[one.name].select

print("please select exactly one object")

-- OPERATOR CLASSES -----

...types.Operator):
    mirror_x = mirror_mod.mirror_mirror_x
    mirror_x
```

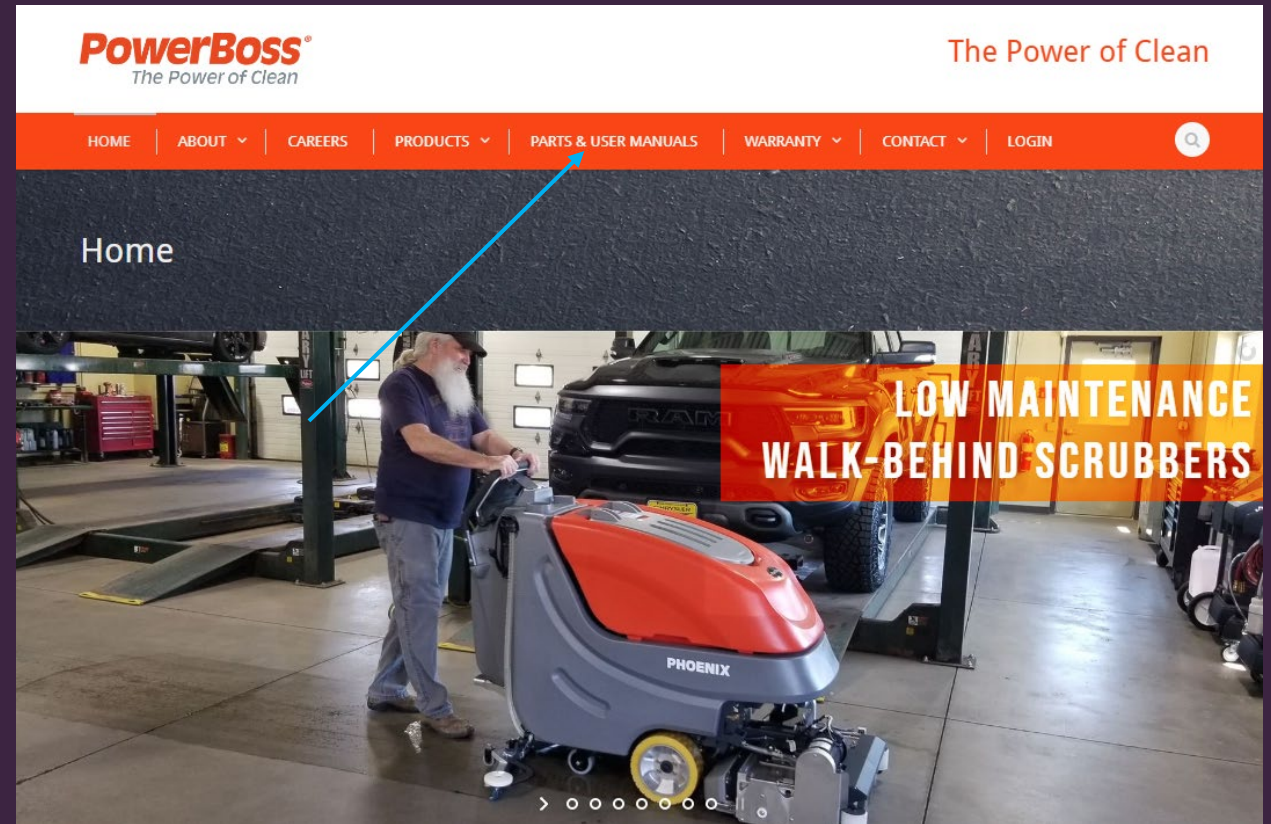
Before loading software: ***USER MUST HAVE ADMIN RIGHTS ON COMPUTER***



**STEP 1.**  
**DOWNLOADING THE**  
**HAKO DIAGNOSTIC**  
**SOFTWARE**

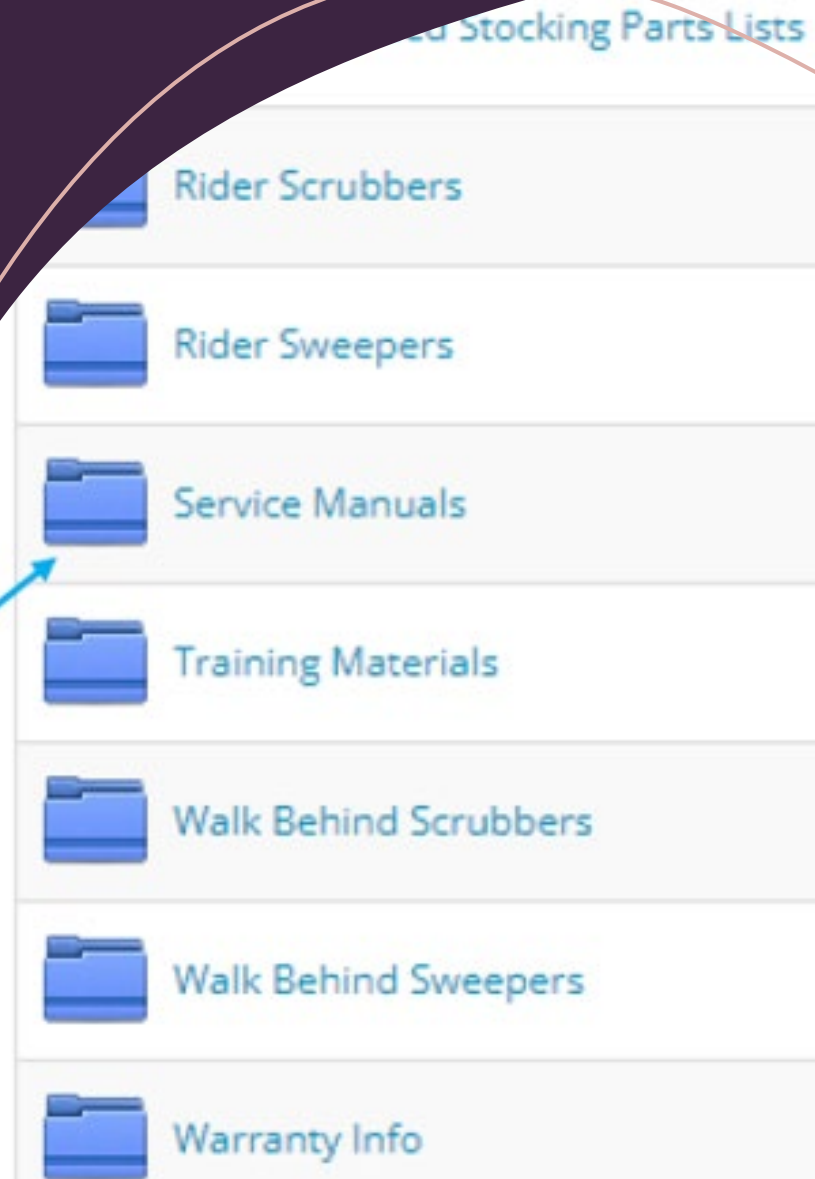
Go to  
[www.Powerboss.com](http://www.Powerboss.com)

Click on Parts & User Manuals



New page/Tab  
opens

Click on Service Manuals





## Directory



Admiral



Apex



Armadillo



Nautilus



Phoenix



Scrubmaster

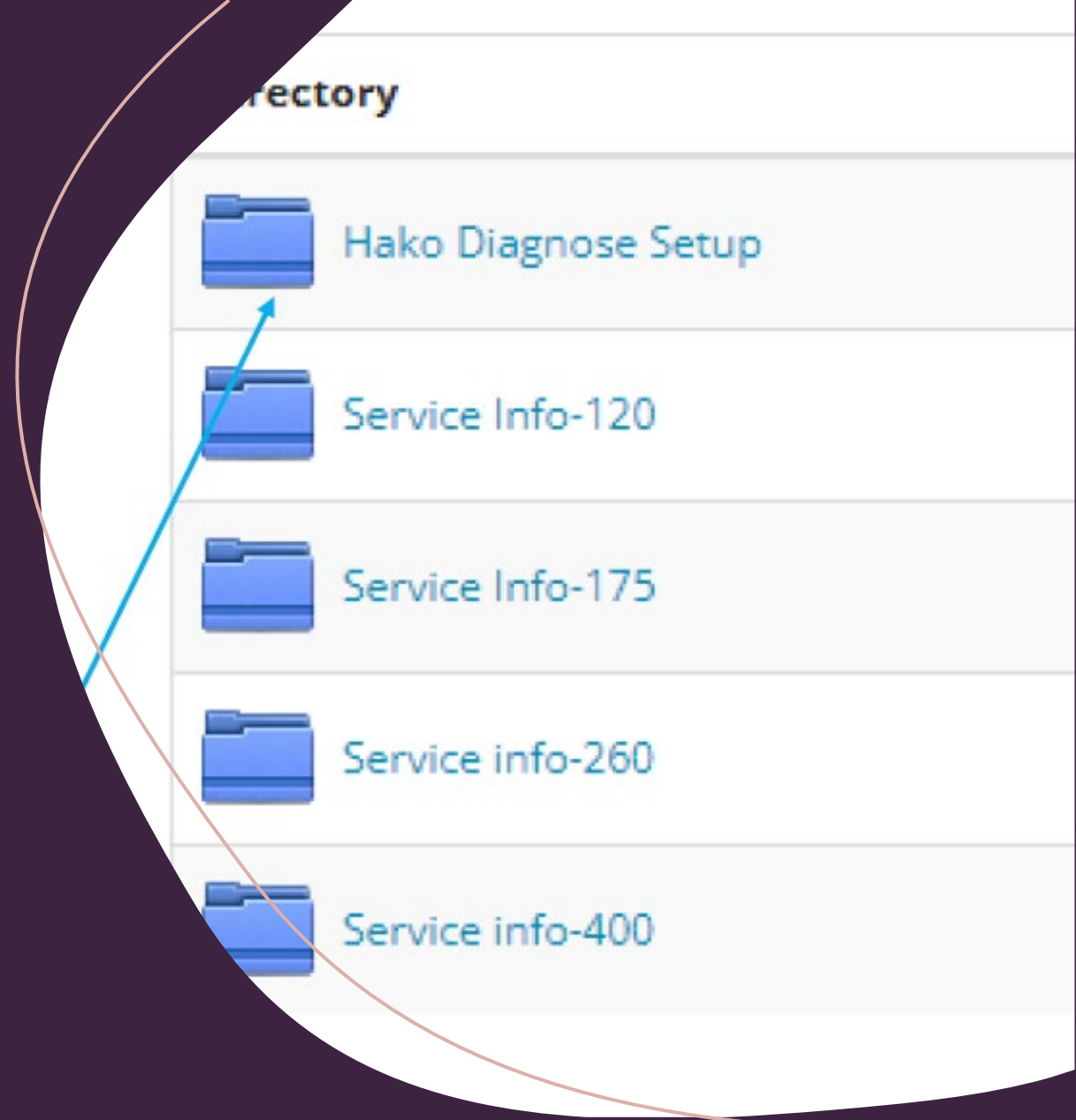


Sweepmaster 1500




- Click on Scrubmaster

- Click on Hako Diagnose Setup



INDEX / POWERBOSS / SERVICE MANUALS / SCRUBMASTER / HAKO DIAGNOSE SETUP

#### Directory

 [Converting PB serial to HAKO serial](#)

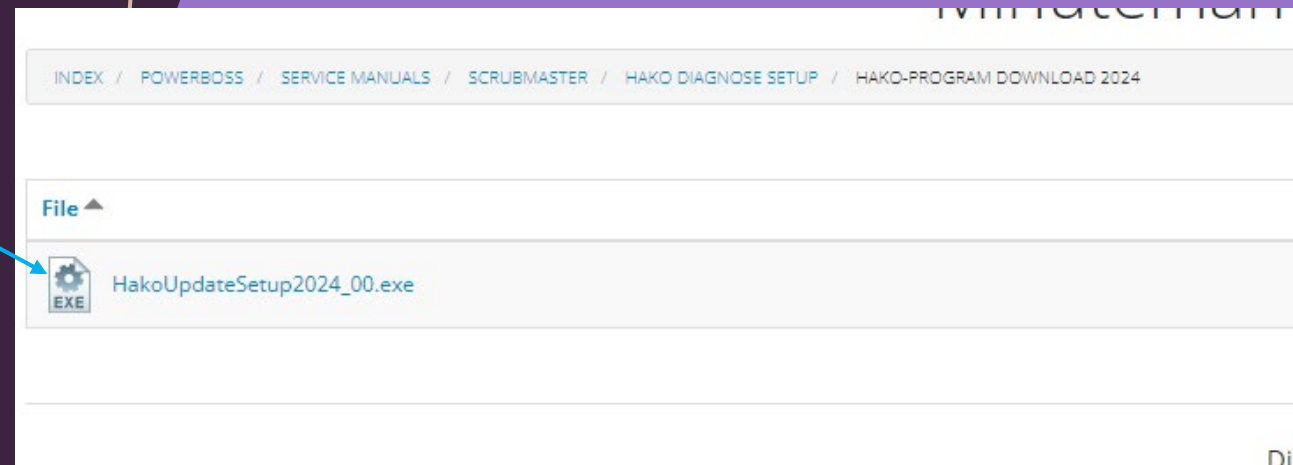
 [Flashing SD card](#)

 [Hako-Program download 2023](#)

 [Hako-Program download 2024](#)

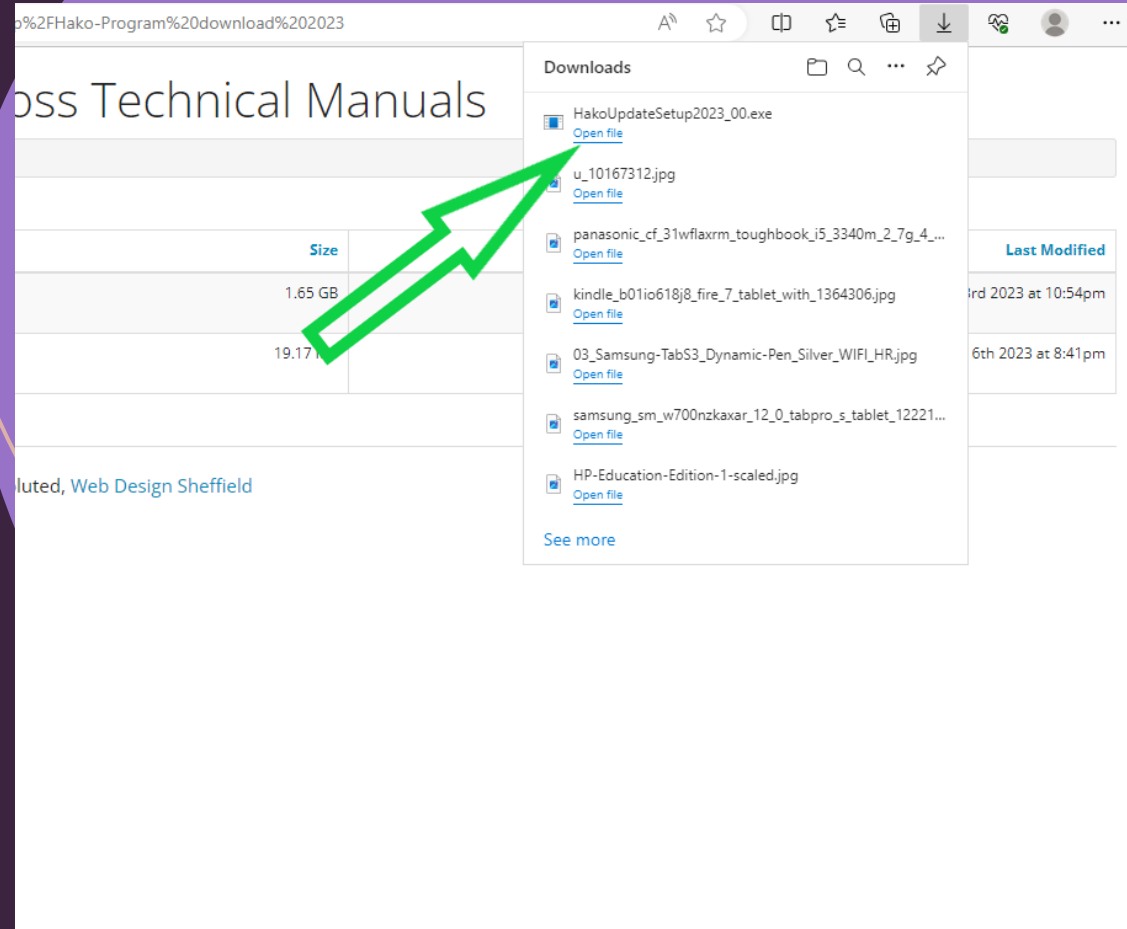
- Click on the latest Hako-Program download folder

- Double-Click on the .exe file





- Open file & follow on screen installation instructions.





- Once software is finished loading you should have this icon on your desktop. This is the software launcher.



- In the far right, lower corner there should be the Hako icon in the toolbar. ***This does not launch the software.*** This is the Updater Tool, to update the software from Hako.

Section #4

# Activating the Hako License Key



***Make sure internet connection is up & running.***

Plug in USB portion of the Can-Fox Cable to your computer.



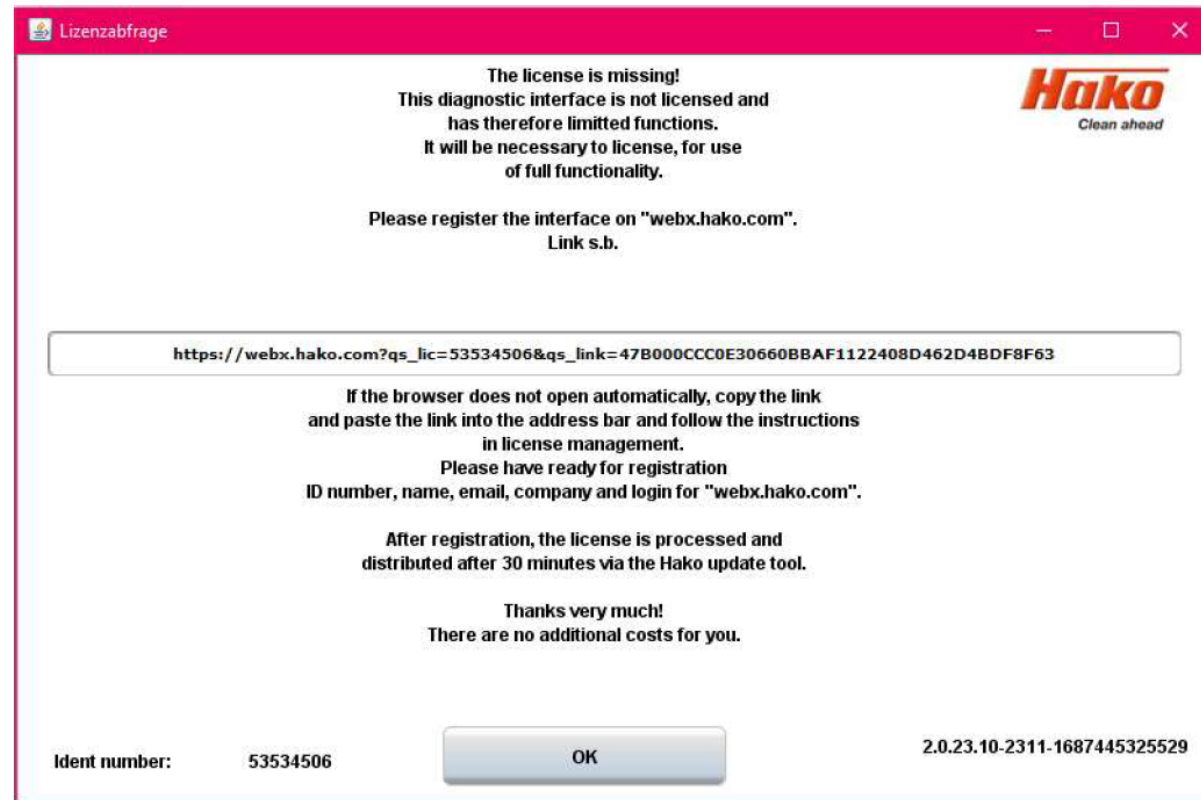
Can-Fox Interface Cable  
#3502430

- Launch the Hako Software by double-clicking the Hako icon on the desktop of your computer.



- Once software loads the following screen will pop up.

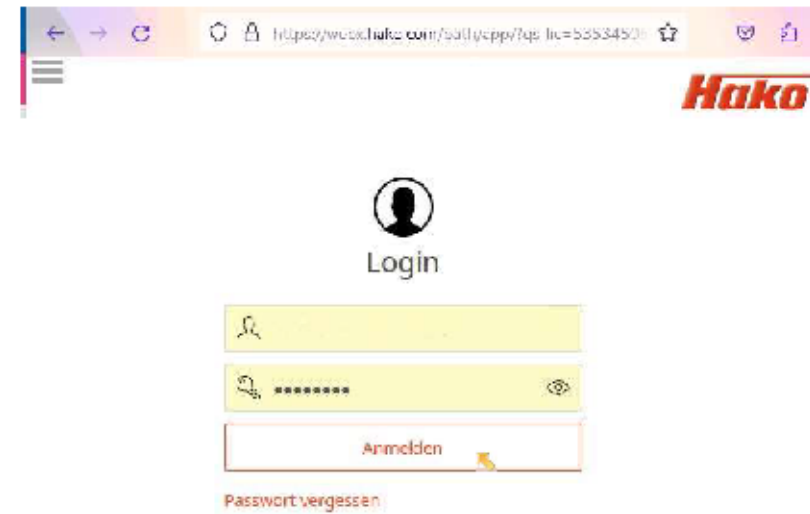
Hako Diagnosis  
opens this message box.



Log into your WebX account

## webx.hako.com login


Please login to webx.hako.com



The screenshot shows a web browser window with the URL <https://webx.hako.com/portal/cpp/?q:lic=5353450>. The Hako logo is visible in the top right corner. The login form consists of a profile icon, the text "Login", a username input field, a password input field with a toggle for visibility, an "Anmelden" button, and a "Passwort vergessen" link.

https://webx.hako.com/portal/cpp/?q:lic=5353450

**Hako**

  
Login

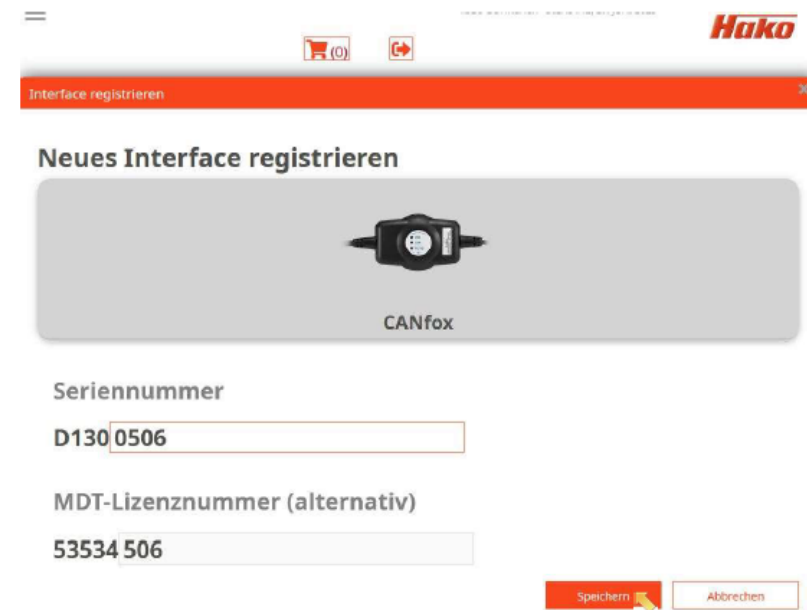
Anmelden

[Passwort vergessen](#)

# webx.hako.com registration webx.hako.com Registrierung

Select Save

Select save.



The screenshot shows a web browser window titled "Interface registrieren" with the Hako logo in the top right corner. The main heading is "Neues Interface registrieren". Below this is a large grey button with a CANfox device icon and the text "CANfox". Underneath are two input fields: "Seriennummer" with the value "D130 0506" and "MDT-Lizenznummer (alternativ)" with the value "53534 506". At the bottom right, there are two buttons: "Speichern" (Save) and "Abbrechen" (Cancel).

Interface registrieren

Neues Interface registrieren

CANfox

Seriennummer  
D130 0506

MDT-Lizenznummer (alternativ)  
53534 506

Speichern Abbrechen

- Select the "KEY" (ICON) for licensing.

EIGENE LIZENZEN VERWALTEN MDT LIZENZNUMMER REGISTRIEREN

### Neues Interface registrieren

CANfox

CANUSB

	TYP	HERSTELLER	LIZENZEN	LIZENSIEREN
	CANfox	Sontheim		



It opens a message box.  
Select the „License“ drop down.

- It opens a message box.
- Select the “LICENSE” drop down.

**Neue Lizenz hinzufügen** ✕

Interface  
D1300506

Lizenz  
▼

Gültig Ab  
27.06.2023

Sp A...

## Neue Lizenz hinzufügen

Interface

D1300506

Lizenz

Hako MDT  
HATZ

Sp A...



- Select "HAKO MDT".

Select "SAVE".

Select „Save“.

×  
**Neue Lizenz hinzufügen**  
Interface  
D1300506  
Lizenz  
Hako MDT  
Gültig Ab  
27.06.2023  
Sp A...

Now the interface is registered.

The screenshot shows the Hako web interface. At the top right is the Hako logo. Below it are two icons: a shopping cart with '(0)' and a square with a right-pointing arrow. Below these are two menu items: 'EIGENE LIZENZEN VERWALTEN' (underlined) and 'MDT LIZENZNUMMER REGISTRIEREN'. The main content area is titled 'Neues Interface registrieren' and contains two options: 'CANfox' with an image of a black device and 'CANUSB' with an image of a blue device. Below this is a section titled 'Registrierte Interfaces' containing a table with the following data:

SERIENNUMMER	TYP	HERSTELLER	LIZENZEN	LIZENSIEREN
D1300506	CANfox	Sontheim	Hako MDT	

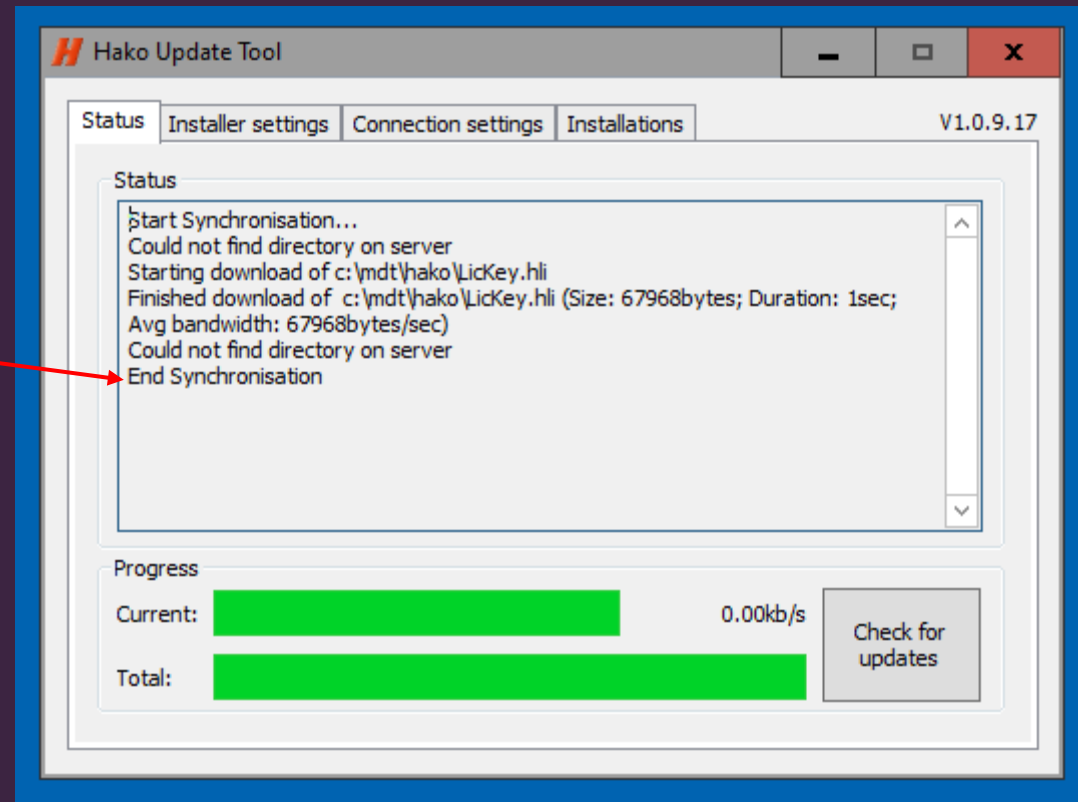
A yellow arrow points to the 'Hako MDT' entry in the 'LIZENZEN' column of the table.

- The license will be distributed via the Hako Updater Tool.
- Right click the "H" icon in the lower right portion of your toolbar.
- Click on Open Updater Tool.



Click on "Check for Updates".

When "End Synchronization" is displayed, Computer is updated and ready for use.



Hako

Multicar

CMAR



- Once the License Key has been registered & the Hako software is launched this screen should appear.



## Section #5

The following section is what not to do with this software & cable set.



Can-Fox Interface Cable

#3502430

*The following is to be adhered to. If not, software will be unusable with no fix other than re-loading & purchasing a new License Key/Cable Set.*

- Once software is installed, it is installed on this computer, cannot be re-loaded/transferred/duplicated.
- Once the Can-Fox Interface cable has been inserted into the USB port it becomes active and paired to this computer & it's software. It is read by the License Key. It **CANNOT** be plugged into another computer, doing so will cancel out this license key & any other License Keys installed on that computer.