Washer-Extractor

Washtools™ Android Programming Application Quick Start Guide

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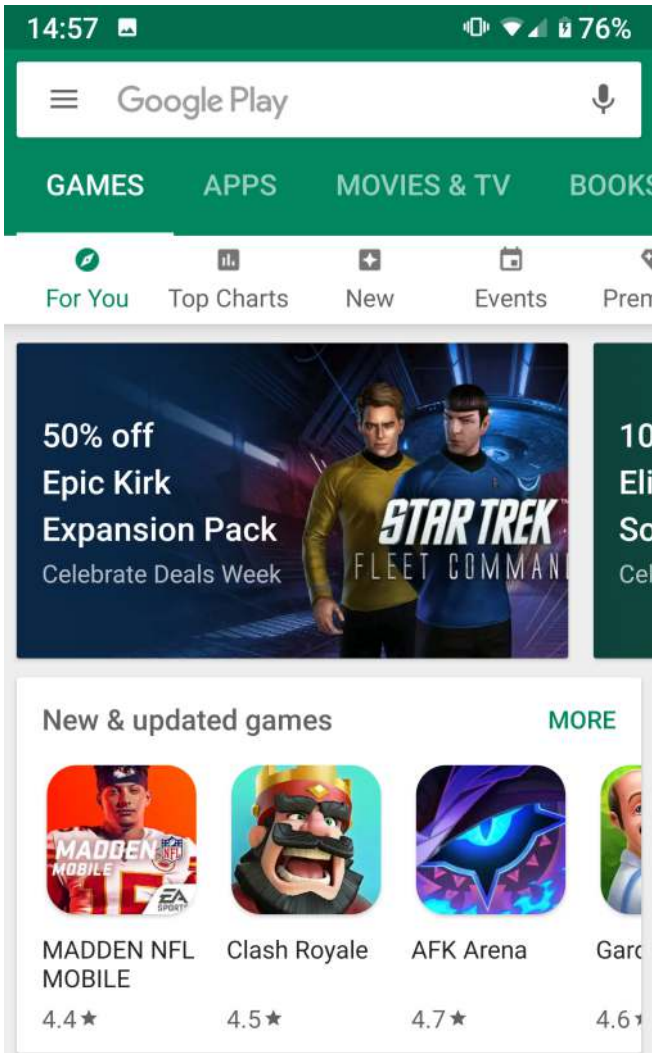
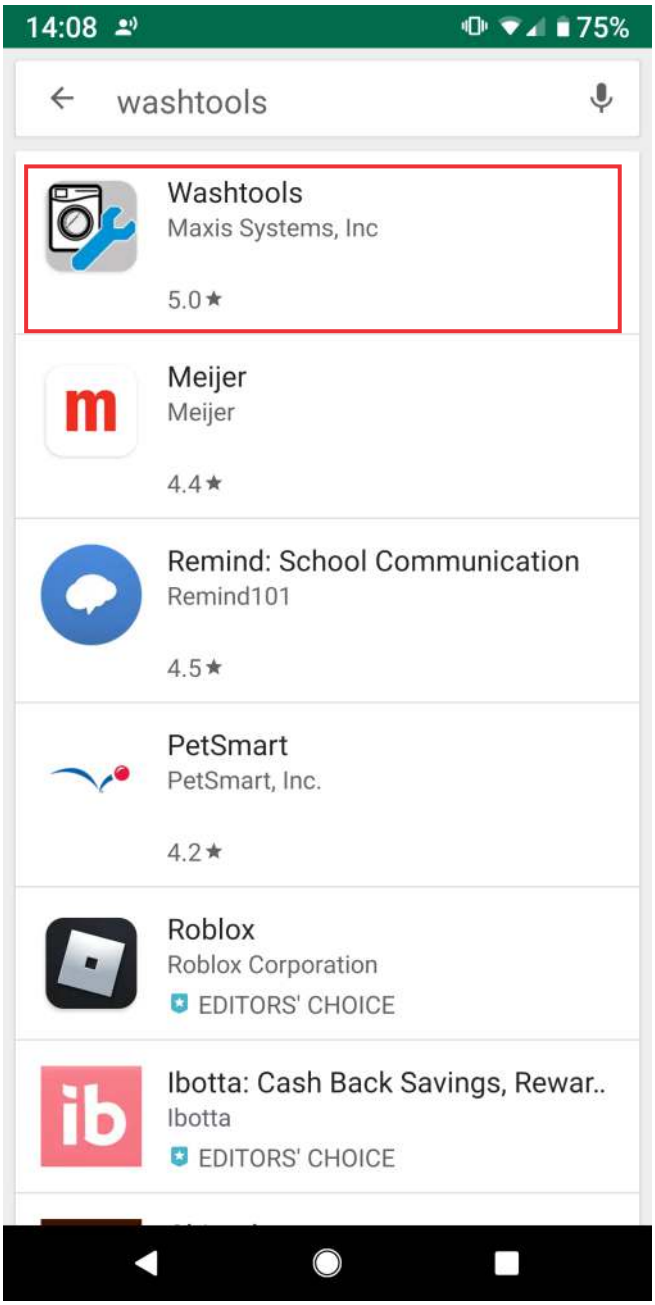
Getting the App

To begin, using your Android device, scan the QR code on the cover of this manual or locate the Google Play Store App and touch it to launch:

You'll now be presented with the Play App.

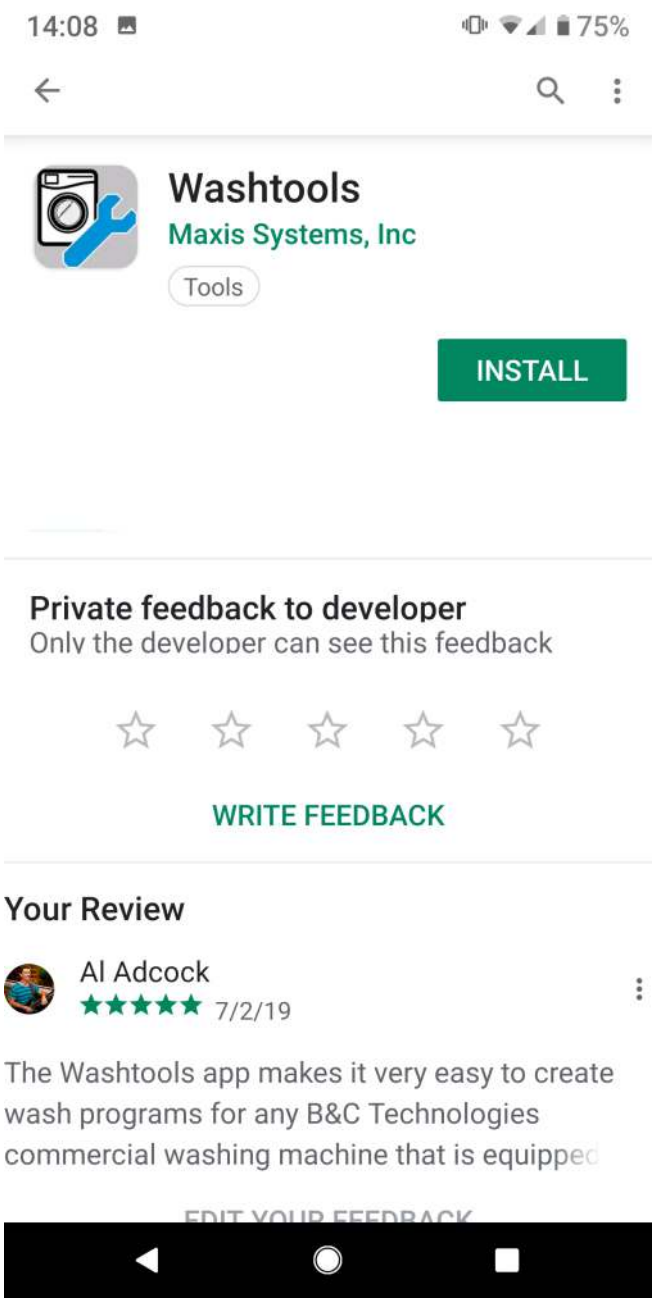


In the search box at the top, type washtools (all one word). Once the search results appear, touch anywhere in the Washtools™ rectangle (highlighted below) to begin the process of installing the app to your device.

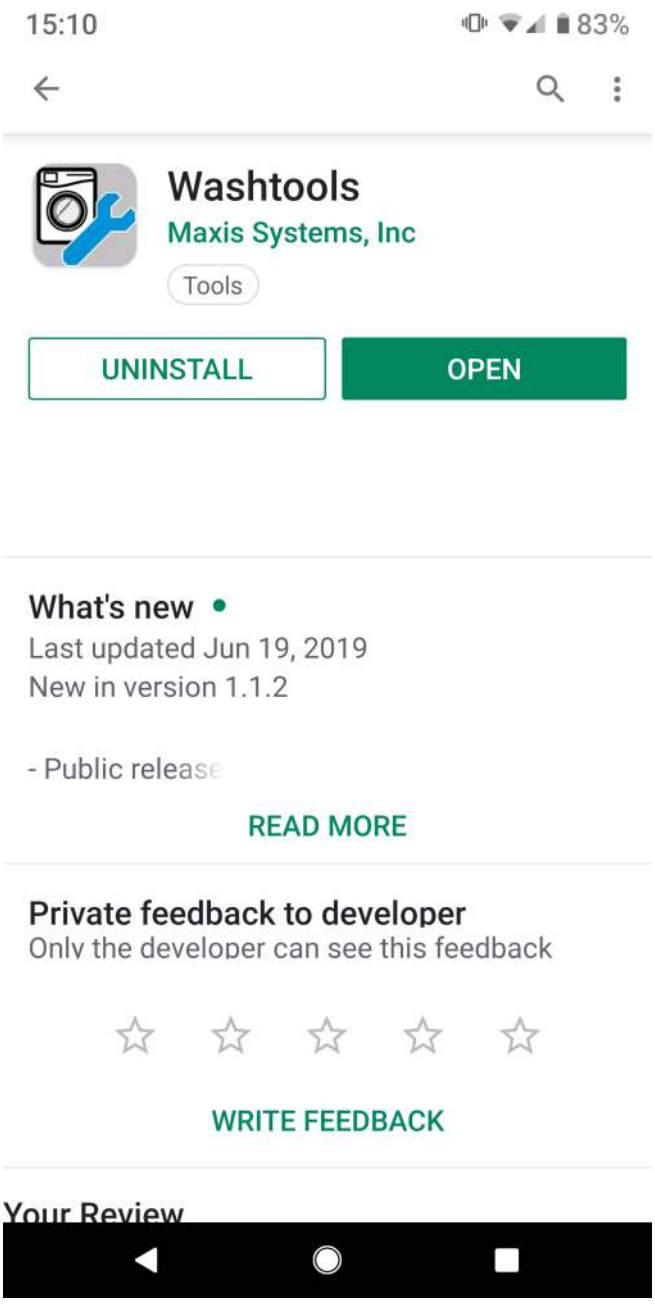


Getting the App

Touching the INSTALL button will begin the installation process. The download and installation will take place in the background and your display will eventually show:



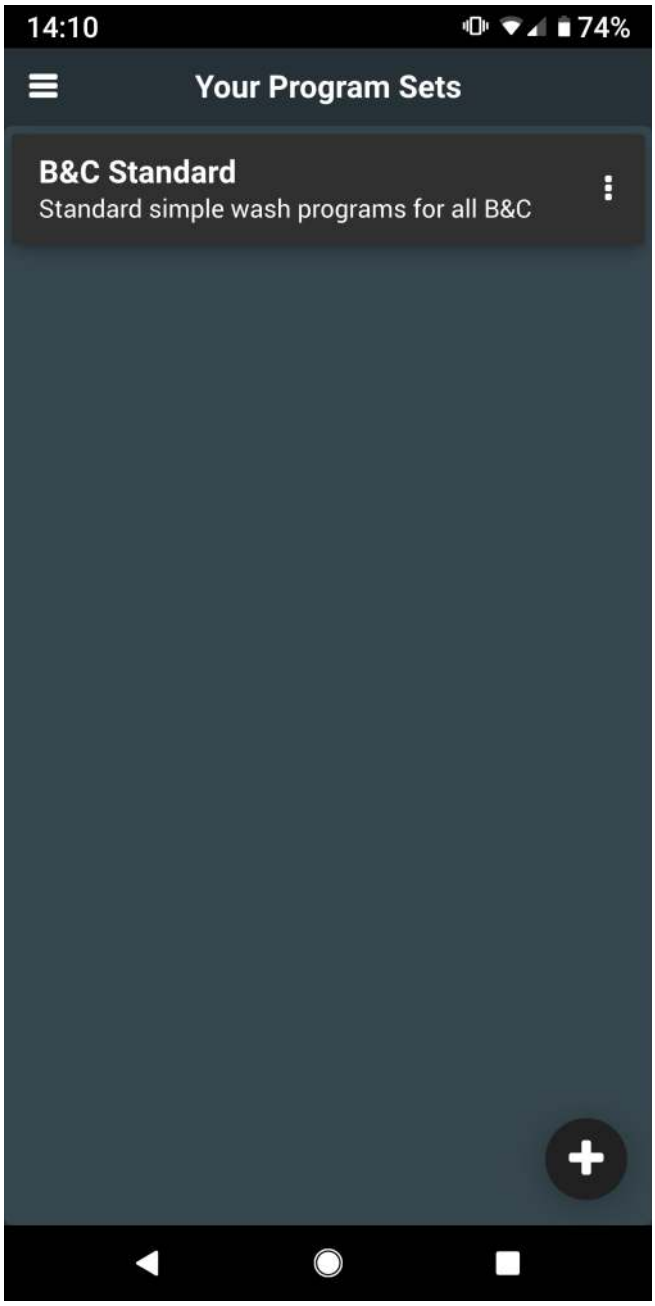
You can now touch the OPEN button to launch the application and begin the process of creating wash programs using the Washtools™ App.



Creating a Program Set

Once the app is launched, you'll see the listing for B&C Stock Programs as well as the ⊕ button, which will allow you to create a new program set.

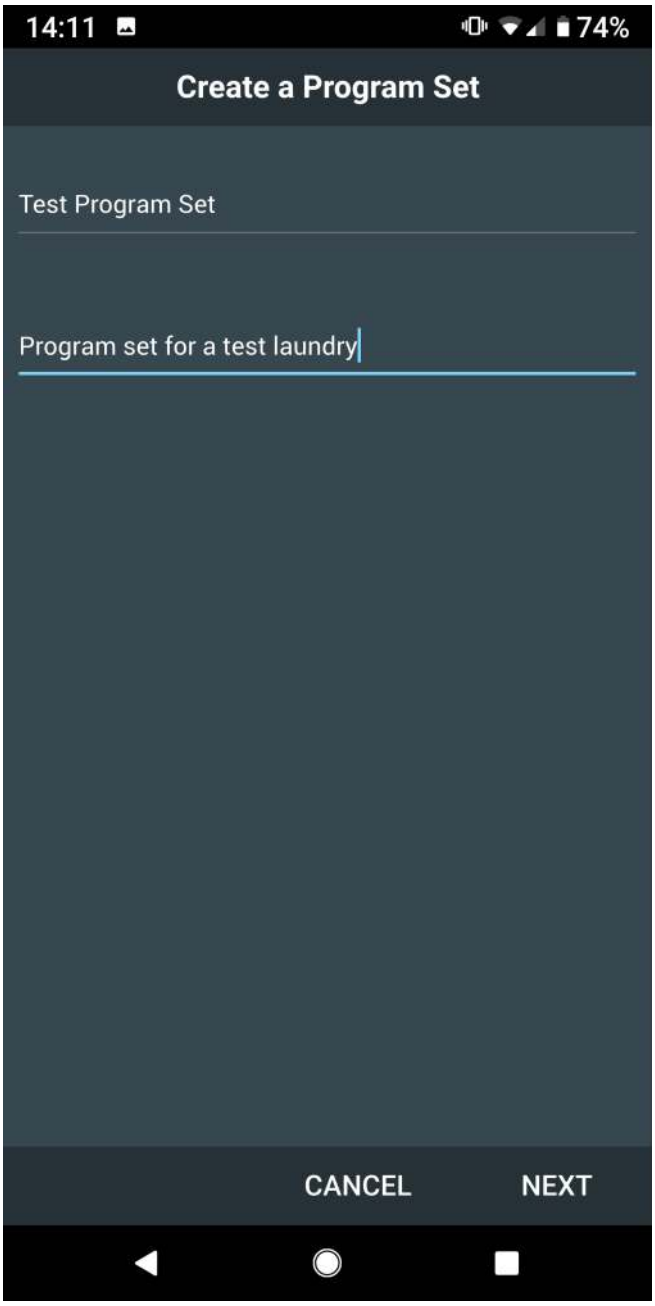
Touching the B&C Standard programs will reveal the contents of this program set and allow you to download the program set to a machine, edit the program set, or delete it. Be careful with the delete function - it cannot be undone. Transferring programs is discussed beginning on page 13.



Creating a Program Set

Touching the ⊕ button will begin the process of creating a new program set. When entering the name and description, try to be as descriptive as you can. Usually, the property or customer name is a great place to start, as well as the date and location.

Once you've created a name and description, touch the NEXT button on the bottom left of the screen.



Creating a Wash Program

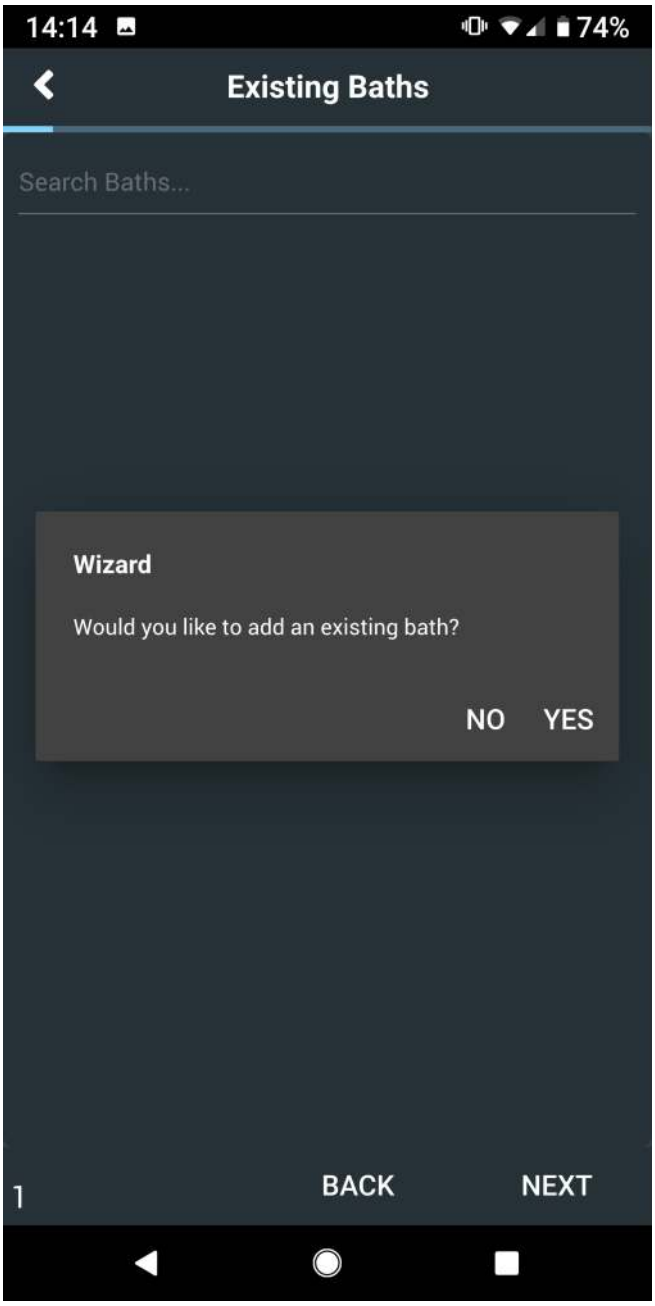
Touching the ⊕ button will begin the process of creating a new wash program within the set you have just created.

When adding a wash program to a set, you are given the choice of adding an existing program or creating a new program from scratch. Over time, creating new program sets will become easier, as adding existing programs is much faster than creating them. For now, we'll create a new program. Press the ⊕ key to continue.

Creating a Wash Program

Again, create a useful name and description. This will make adding existing programs into a new set much easier as you use the app over time.

As with programs, you can also add an existing bath from any other program set, saving time. For now, we'll create a new bath so that the process can be understood. Touch NO to add a new batch to this wash program.



Creating a Wash Program

Again, create a useful name and description. This will make adding existing baths into a new program much easier as you use the app.

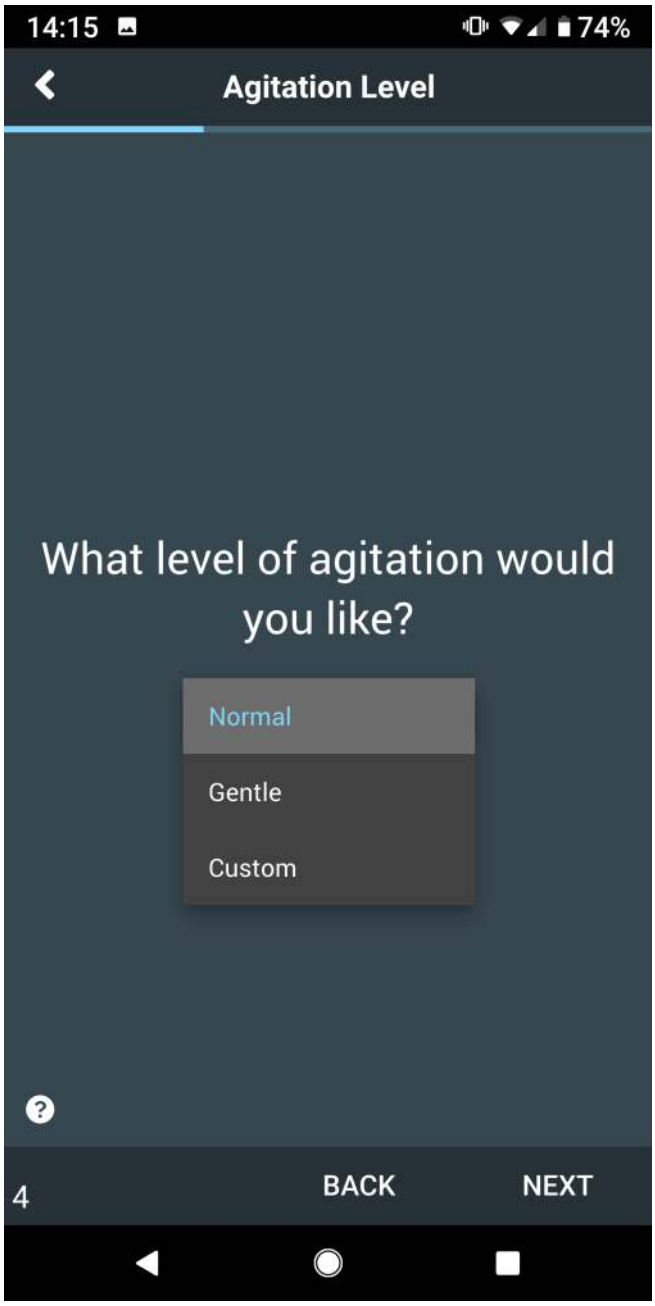
Choose the bath type - the choices are for convenience and it doesn't really matter which type you choose.

Creating a Wash Program

Three agitation levels are possible:

- Normal - 16 seconds wash and 4 seconds pause
- Gentle - 4 seconds wash and 16 seconds pause
- Custom - 0-240 seconds wash and 0-240 seconds reverse

Enter the wash time - this is the actual time spent agitating after the fill and chemical steps are complete.

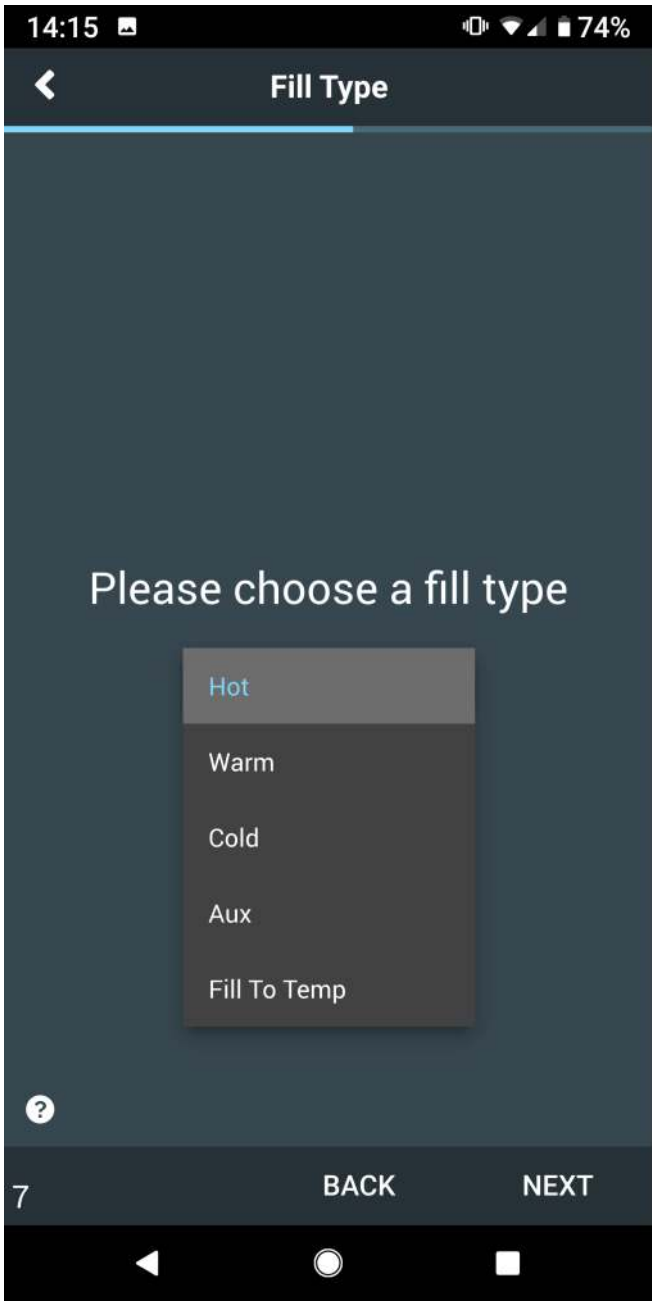


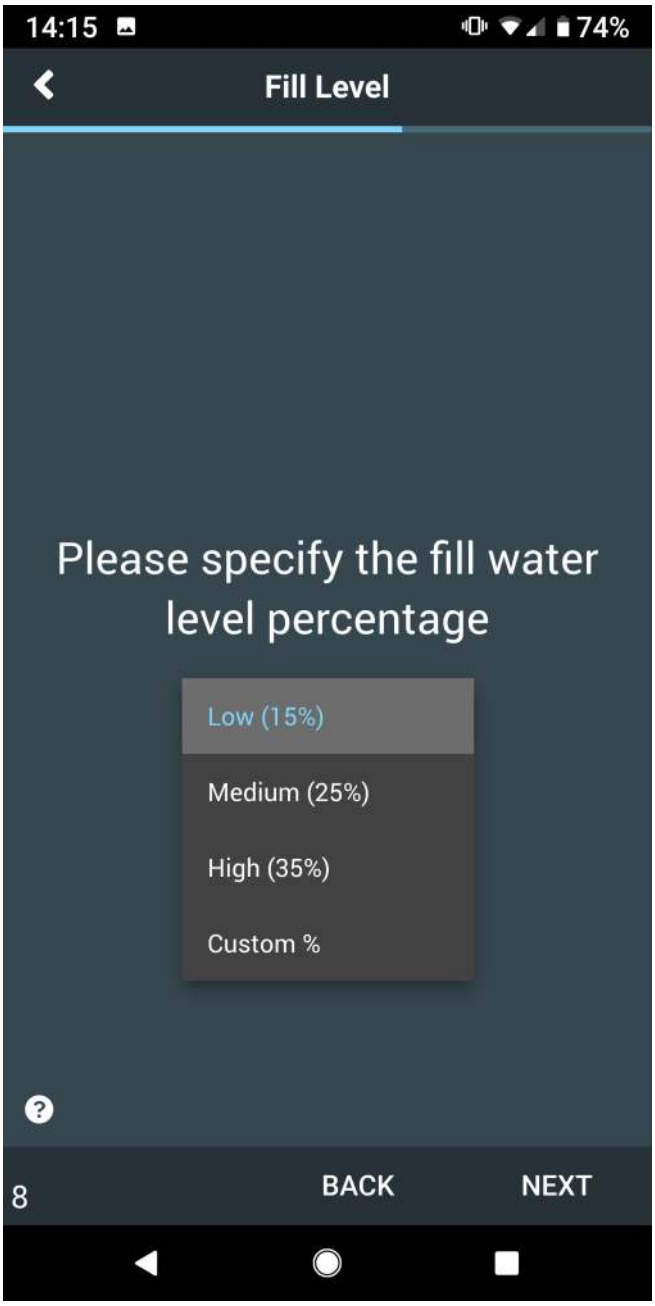
Creating a Wash Program

Choose the fill type:

- Hot - hot only
- Warm - hot and cold together
- Cold - cold only
- Aux (if the machine is so equipped)
- Fill to Temp - target must be between the hot water temperature and the cold water temperature

Enter the fill level as a percentage of the cylinder diameter. Custom can be up to 44% (slightly less than half way filled).





Creating a Wash Program

If the machine is equipped with heating (direct steam or electric heat), it can be enabled by choosing yes. You'll then be prompted for a target temperature.

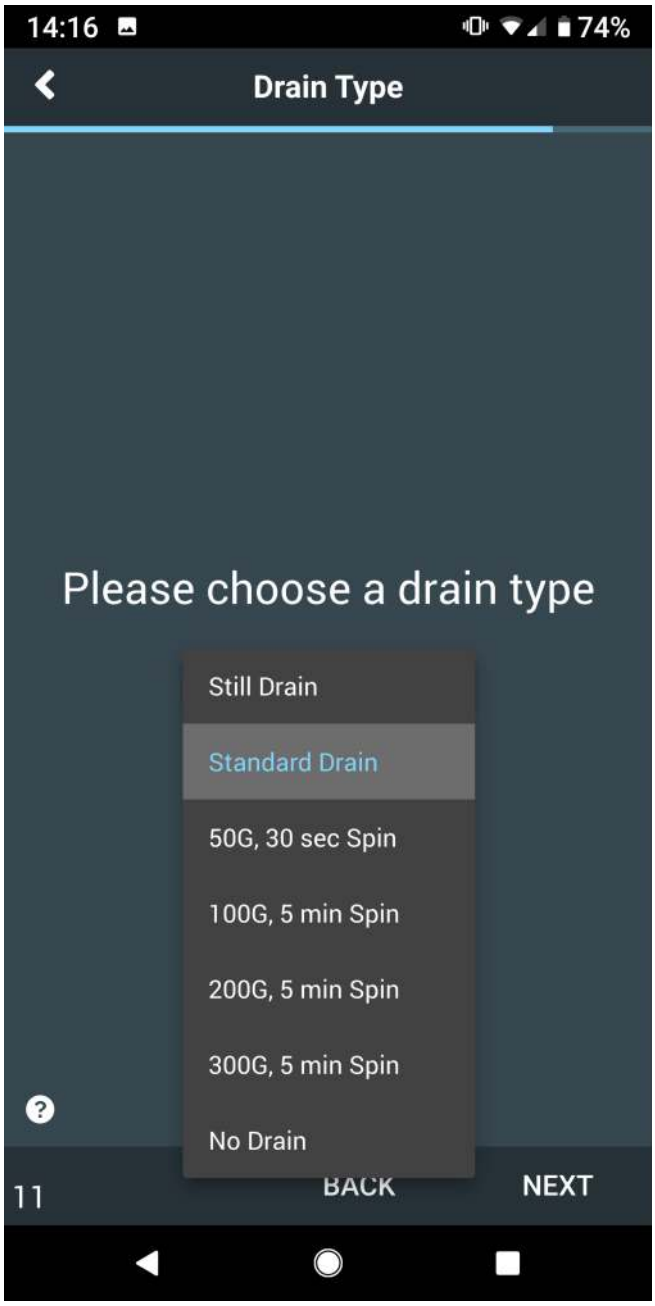
Chemicals can be released in parallel (all chemical signals chosen turned on simultaneously) or in series (chemical signals turn on one after the other). Use the check boxes to determine which signals are activated and enter a time if different than the 30 second default.

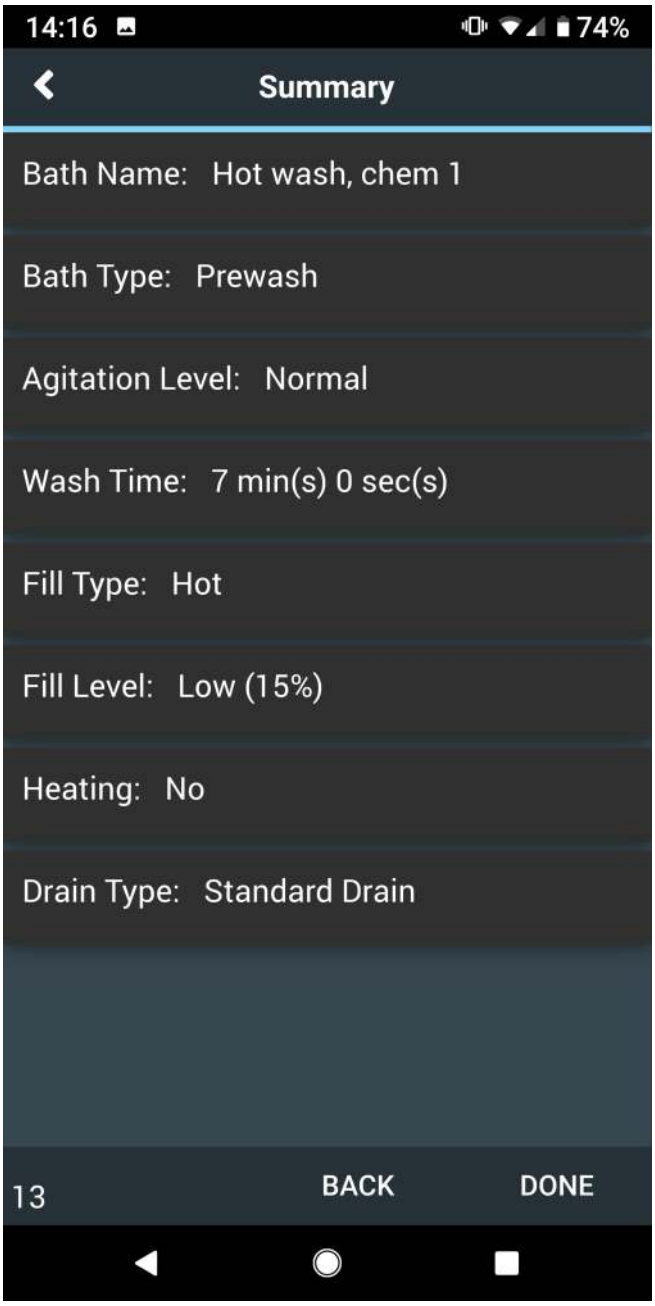
Creating a Wash Program

Choose the drain type:

- Still drain - drain with no rotation
- Standard drain - drain with distribution (3G)
- 50G - intermediate spin
- 100G - gentle spin
- 200G - high speed on HE series
- 300G - high speed on others
- No drain - hold the wash bath

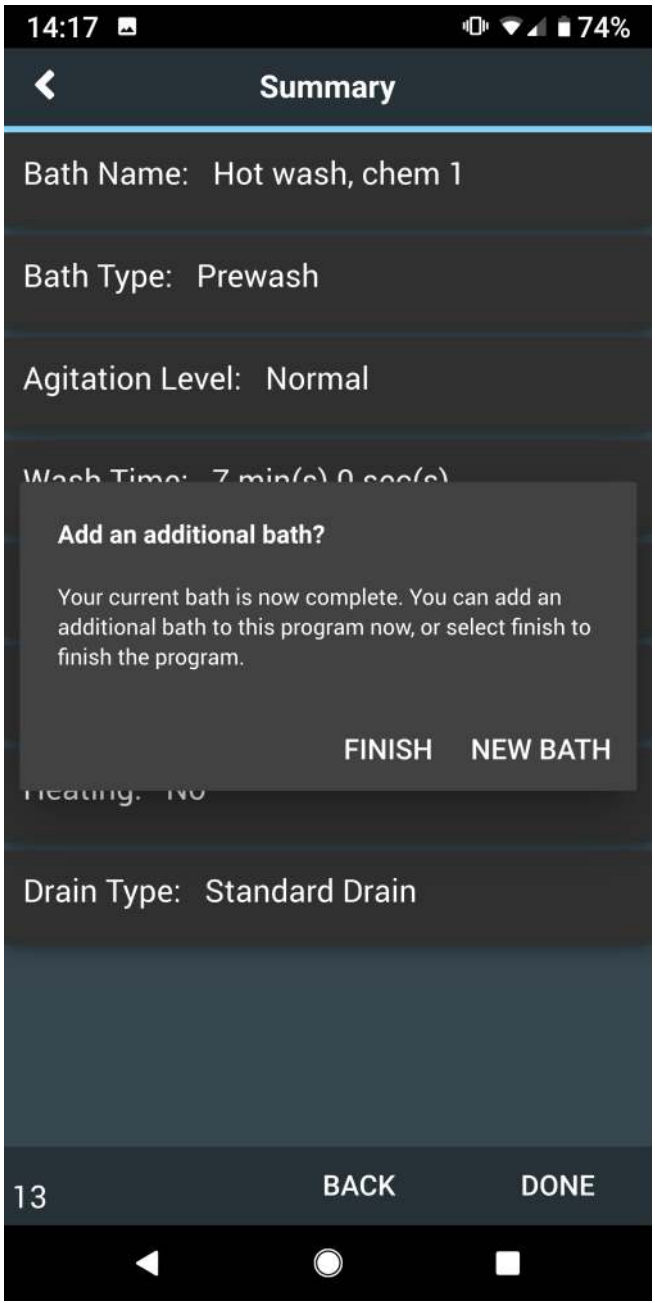
Congratulations! The first bath in the first wash program in your program set has been created. You'll see a summary of what you've created. Touch DONE to either finish work on the baths in this program or to create additional baths. If you need to make any changes, use the BACK button.





Creating a Wash Program

To continue creating and adding baths to the current wash program, touch NEW BATH. If you are finished with the current program, touch FINISH.

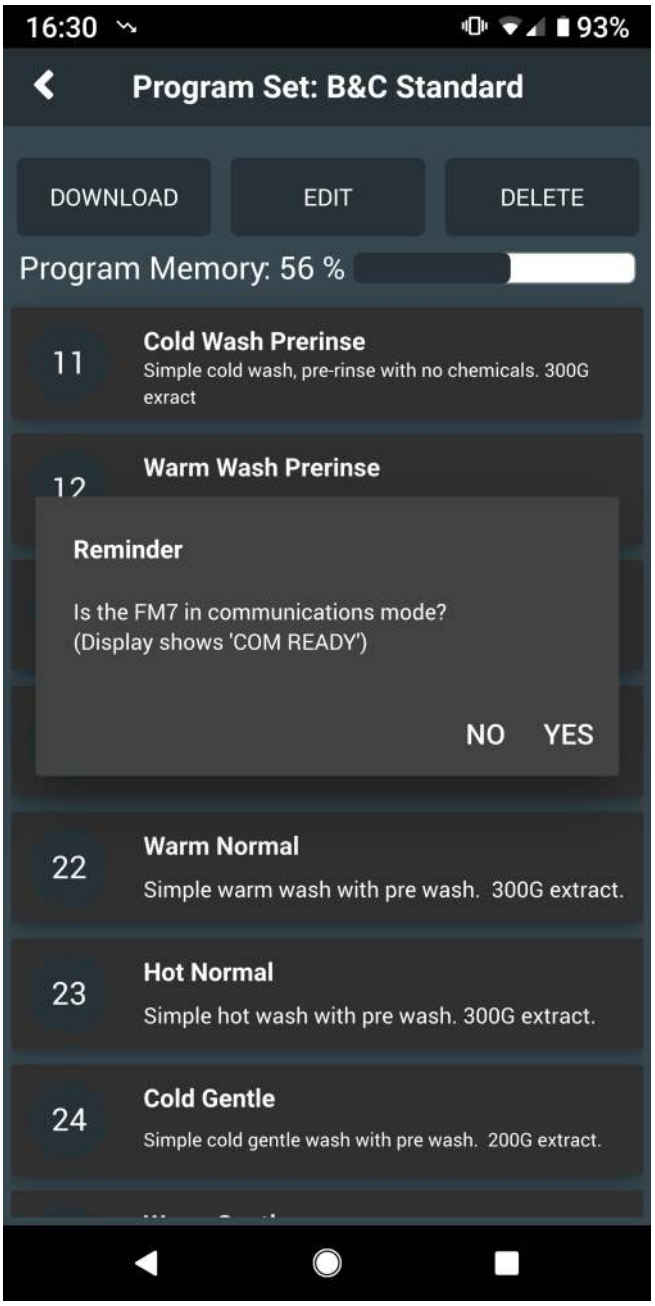


Transferring to the Machine

From the main window, pick the program set you wish to transfer, then press the DOWNLOAD button.

Put the FM7 in COM mode by pressing START and RESET simultaneously on the FM7 keypad, then entering 144 at the n? prompt. Once done, the FM7 will display COM READY.

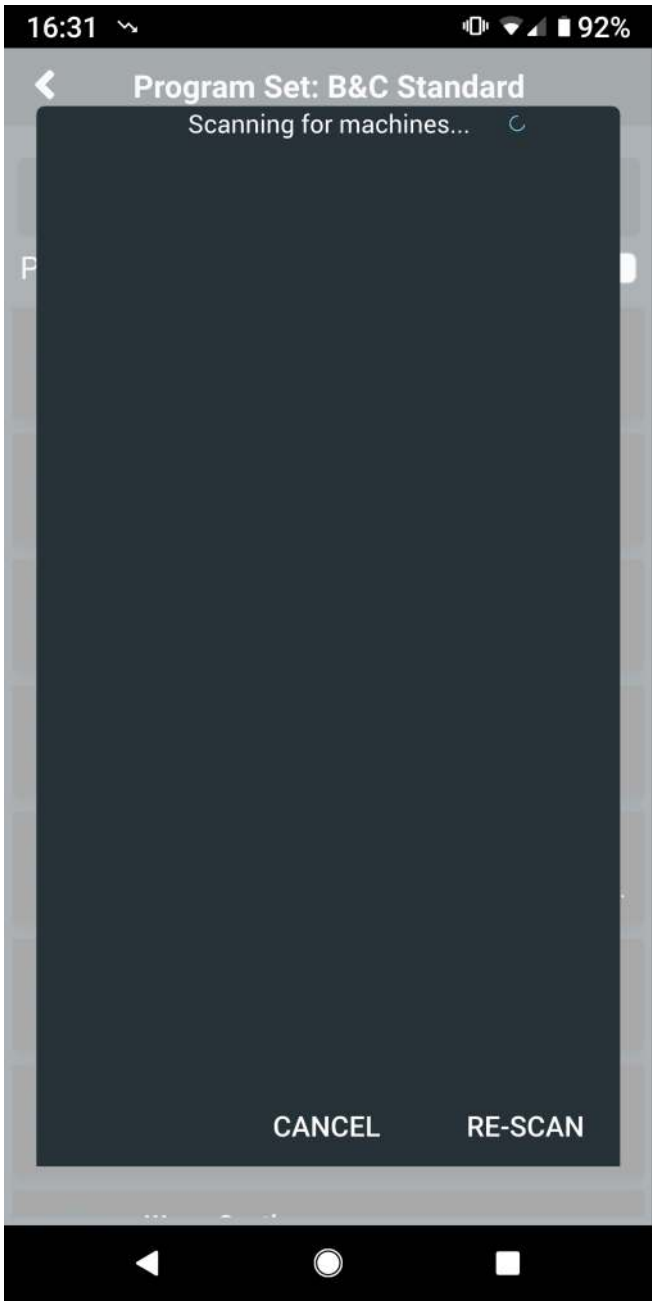
Touching NO gives you the option of displaying detailed instructions. Touch YES to continue on your device.

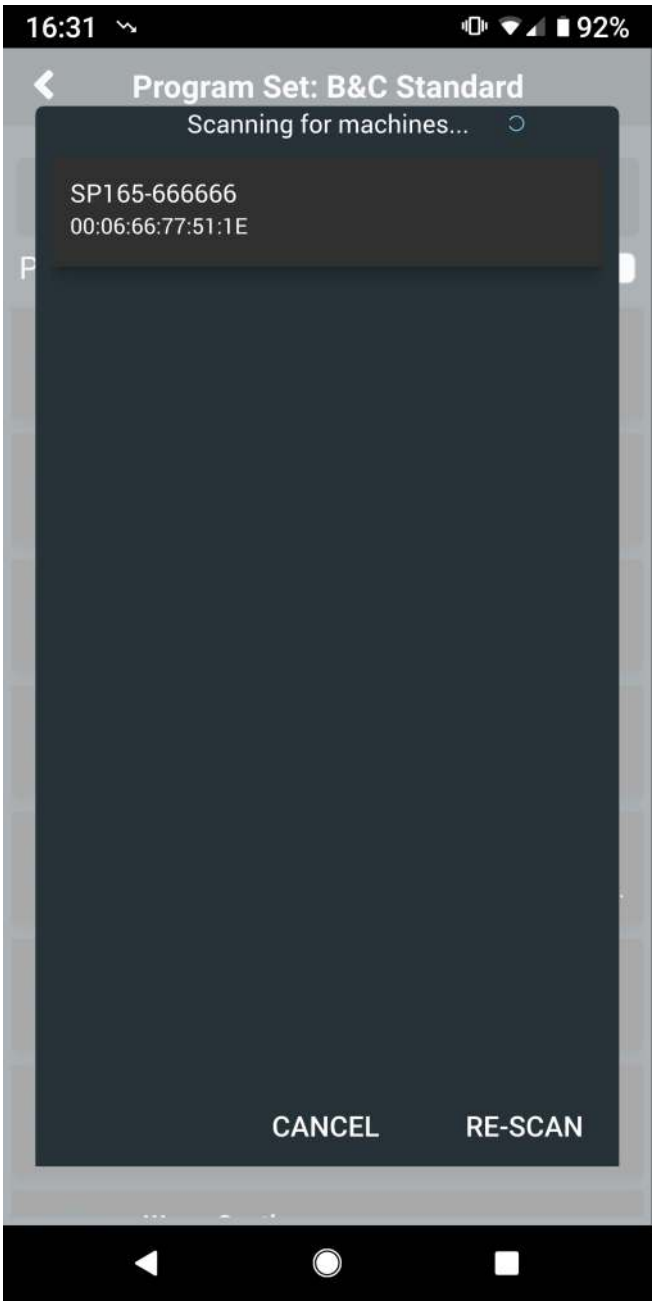


Transferring to the Machine

At this point, the Washtools™ app will begin scanning for FM7 equipped B&C Technologies washer-extractors.

Once the scan is complete, a listing of found machines will appear. Touch the machine you wish to transfer your programs to. Note that the last 6 digits of the listed machines is the serial number of the machine. For convenience, the serial number is located inside the door ring or inside the hinge, depending on model.

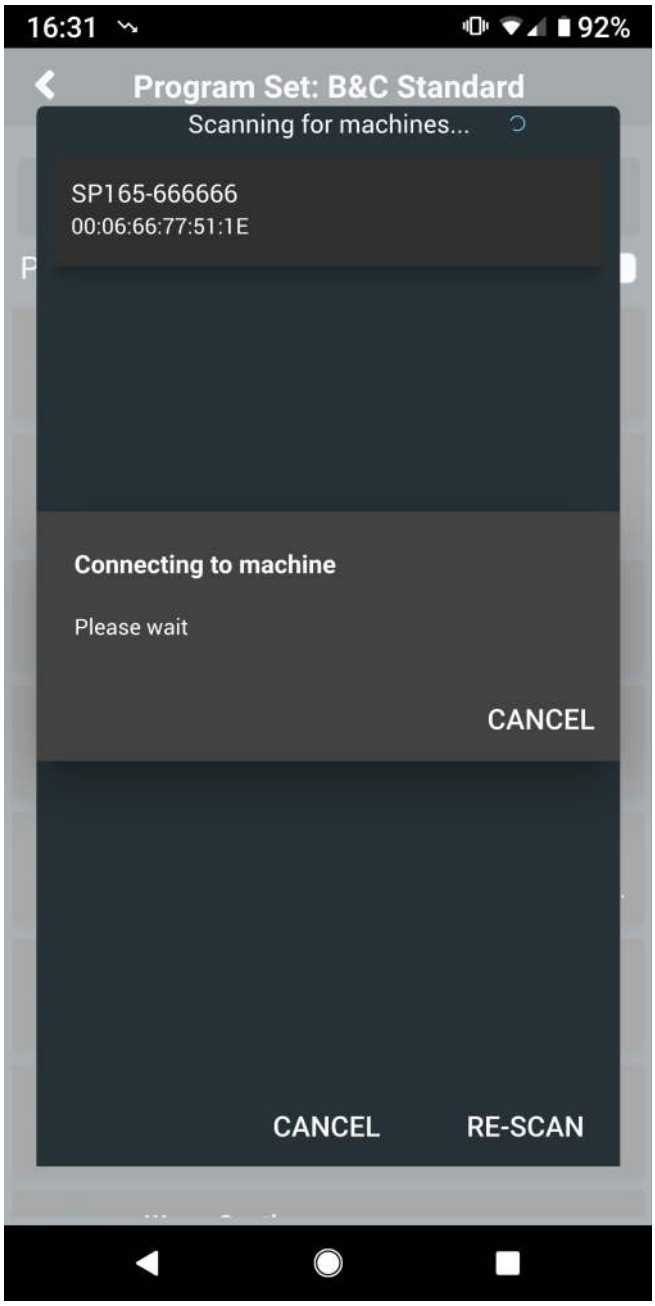


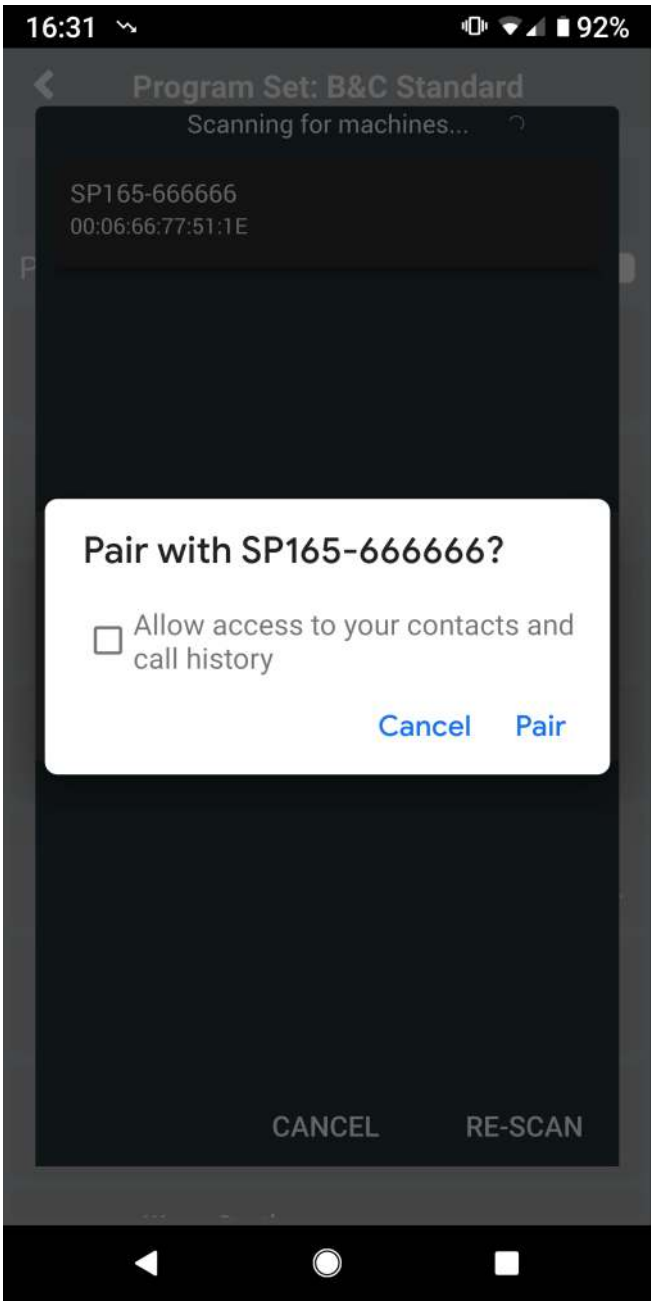


Transferring to the Machine

The Washtools™ app will now connect to the chosen machine.

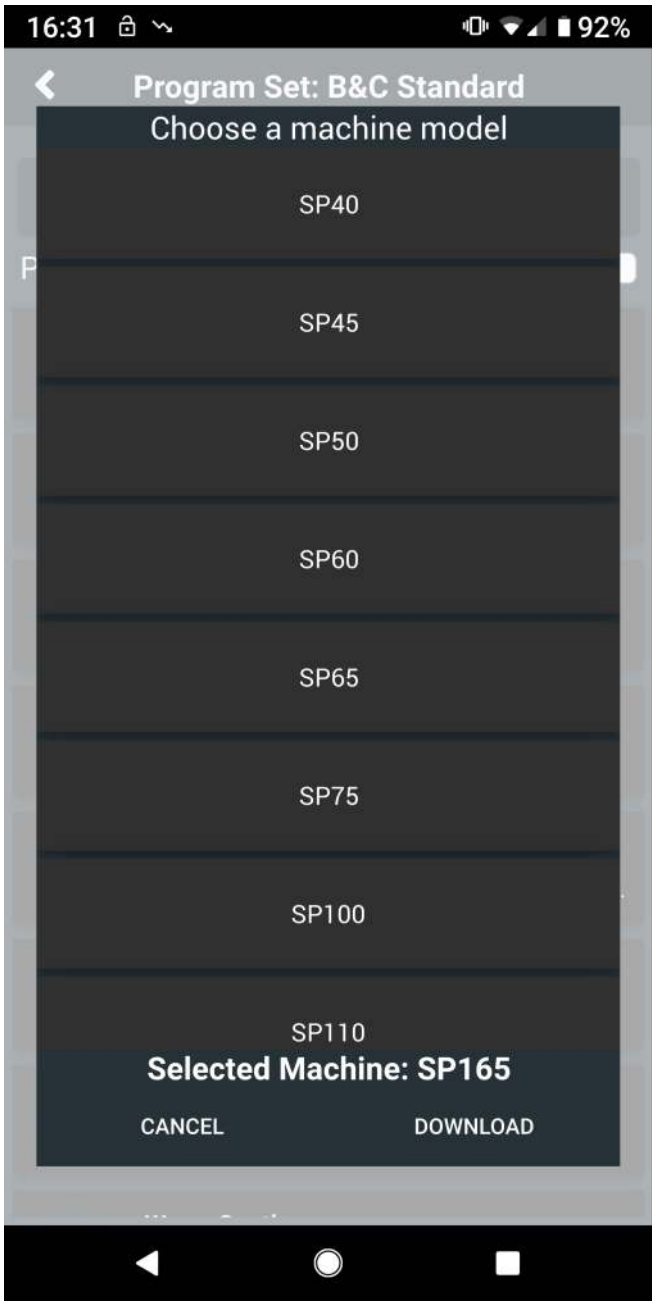
Touch “Pair” to finish the connection process.





Transferring to the Machine

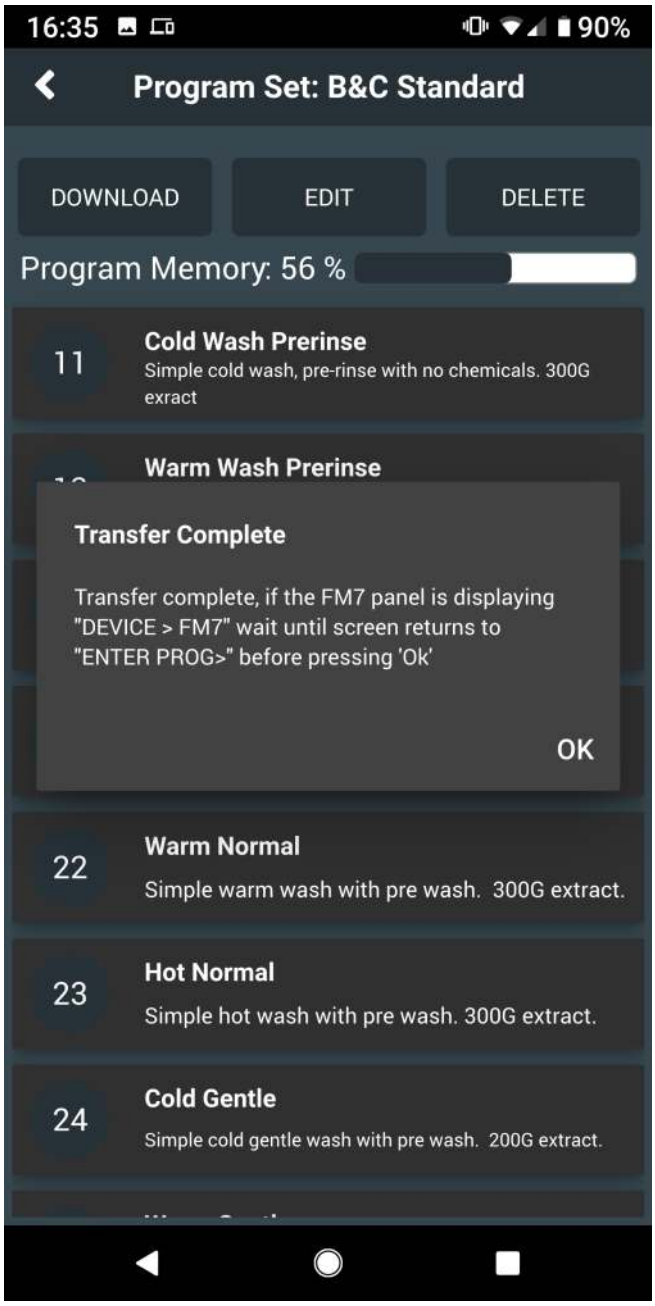
Make sure that the selected machine at the bottom matches the machine type you are transferring the program set to, then touch DOWNLOAD. If the model detected does not match the machine you are attempting to program, you may choose the correct model from the list. Make sure to choose the correct machine or undesirable operation will occur.



The transfer of the wash program now begins and will take less than one minute to complete. The display on the FM7 will show DEVICE > FM7 indicating that the FM7 is receiving a new program set from your Android device.

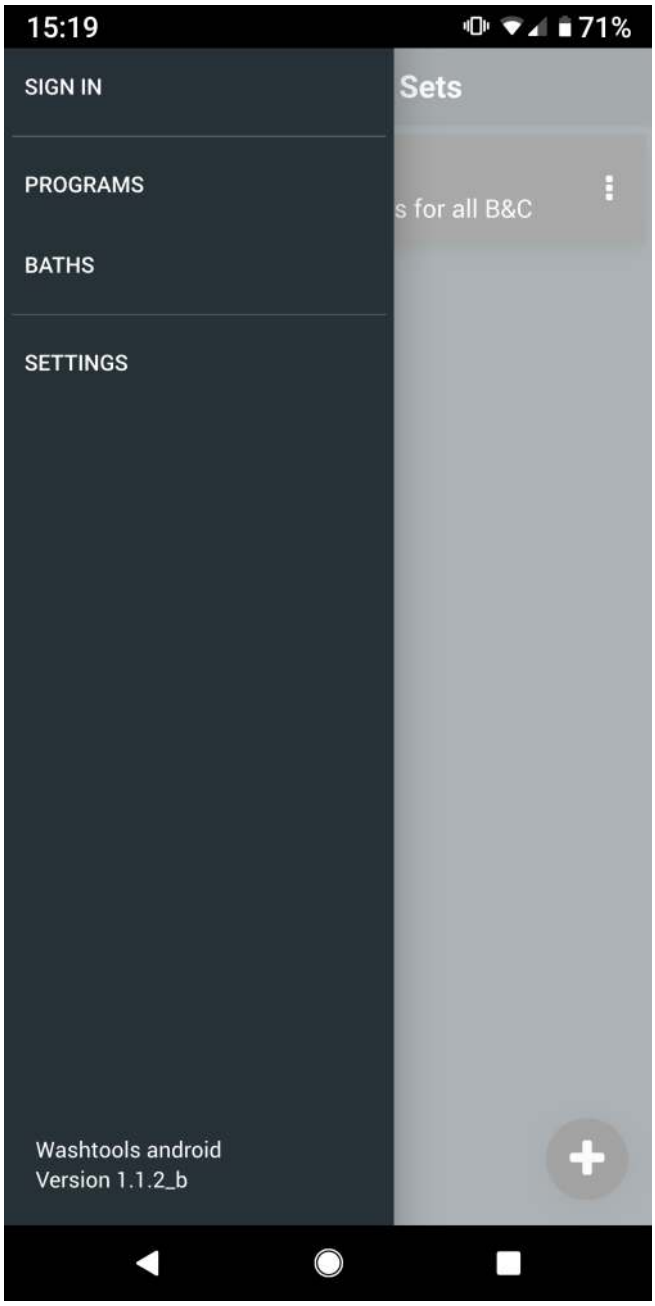
Transferring to the Machine

Once the program set has transferred successfully, the message below will appear on your device indicating that the transfer is complete.



Menu Options

Clicking the menu button while on the main programs screen reveals the following list of items:
SIGN IN: Not implemented yet
PROGRAMS: lists all programs on the device
BATHS: lists all baths on the device
SETTINGS: reveals a new menu

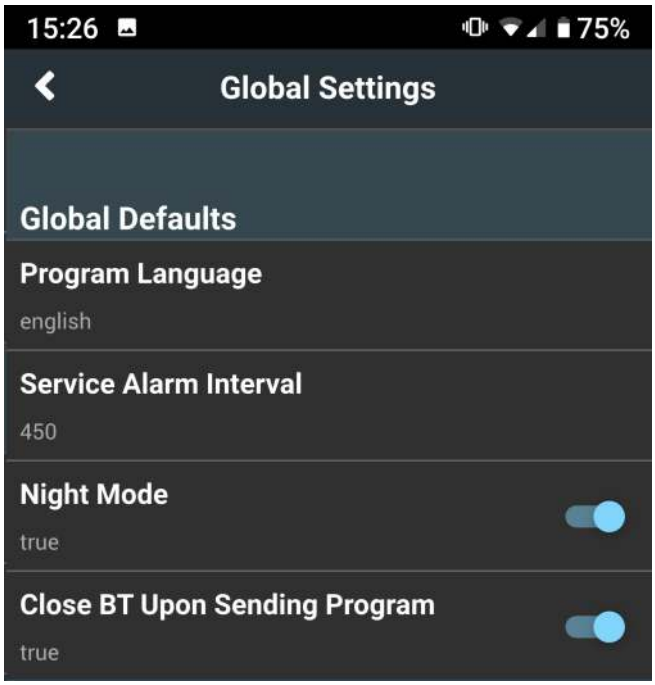


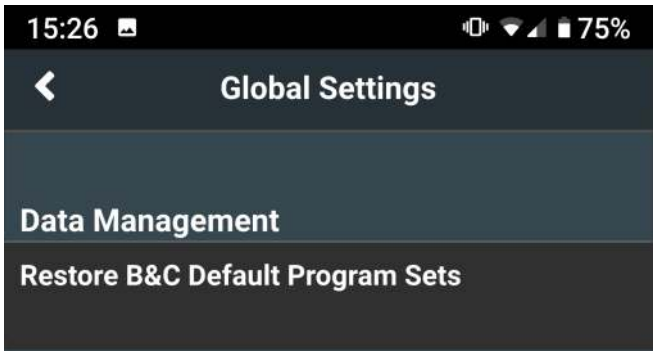
Wizard Defaults
Allows you to predefine certain settings when creating baths. Touch any item to edit the values.

Menu Options

Global Defaults:
Program Language: Touch to change language settings (English, Italian, Spanish, French, German).
Service Alarm Interval: Sets the number of wash programs between service alarms. 450 is default.
Night Mode: Enables night mode
Close BT Upon Sending Program: Closes the Bluetooth connection after programs are sent. This should always be enabled for best performance.

Data Management:
Restore B&C Default Program Sets: If the default programs are accidently deleted or modified, they can be restored by touching this menu item.





Notes

Notes

Much more information is available on our website:
www.bandctech.com

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