Resetting Robot Controller Phones

Erasing **Phone Data**

1. Go to “Settings”
2. Go to “Backup & Reset”
3. Select “Factory data reset”
4. Select “Reset Phone”
5. Select “Erase Everything” (It erases all data and reboots the phone)

Initial Phone Configuration

1. When the phone reboots, hit next four (4) times
2. Touch the tic-tac-toe (application) image
3. Swipe left to find and select “Settings”
4. Scroll down to find and selct “Display”
5. Select “Sleep after 30 minutes idle”
6. Return to “Settings”
7. Scroll down to find and select “About phone”
8. Scroll to the bottom to find “SW Version”
9. Tap “SW Version” 7 times to put the phone in developer mode
10. Return to “Settings”

Setting up WiFi Direct

1. Scroll up to the top of the “Settings” menu
2. Turn “Airplane mode” to **on**
3. Turn “Wifi” to **on**
4. Select “Wifi settings”
5. In the lower right corner of the display, select the “...” menu
6. Select “Wifi direct”
7. Select “Rename device”
8. Change to 7582-M-RC (Select an unused letter in place of “M”)
9. Press “OK”
10. Return to “Settings”

Set-up Android Debugging Mode

1. Select “Connect to PC”
2. Make sure “MTP” is checked
3. Select “Enable USB debugging”
4. Select “Don’t ask me again”
5. Return from “Connect to PC”
6. Return from “Settings”

Phone is ready to program, NOT to run
Now we shall Program the phone!
When your ready to connect, check always allow from this computer->Okay
Wait for the phone to open the program COMPLETELY
Do without any robot connected, leave computer connected

Menu->Configure robot-> New -> You want “No Devices Found” -> Save -> Name it null -> okay
Return
Make sure there are no errors
When you plug in the phone into the hub:
Check the box “Use by default for this USB device” an hit okay
DO NOT EDIT THE NULL

HB BOT CONFIGURATION
New -> Expansion Hub -> hit Expansion hub 2
For ANY robots-> battery is @ the back of the robot
Motors -> Set all 4 parts from nothing to Rev Robotics 40:1 HD hex Robot
Motor name -> This is will be used by the program (front left, front right, etc.)
Look at port 0, find which motor it’s connected to; Ex: Port 0 is connected to “back left” (make it all lowercase)
Hit next
Do this for all ports
Done -> Done -> Done -> Save -> Name HB (Make it uppercase) -> Okay -> Activate on HB -> return