

FabMo

FabMo Control Card Upgrade

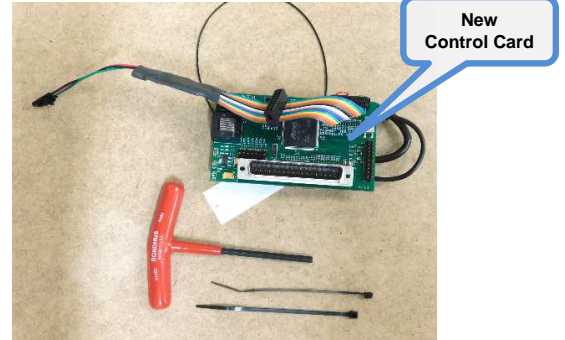
(for V1.0 and V1.1 Handibots)

1

Remove **new Control Card** from packaging (careful of the antenna; save packaging to return old unit for credit)

- Also locate the 4mm hex wrench and included wire-ties

* You will need a pair of small wire cutters

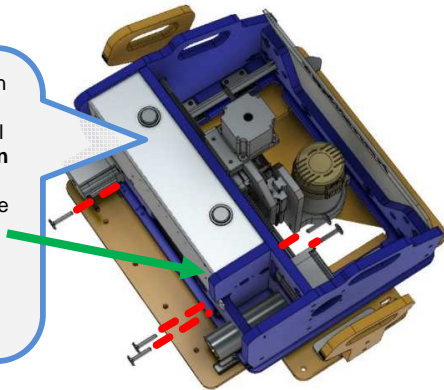


2

UNPLUG your Handibot and find a good place to work

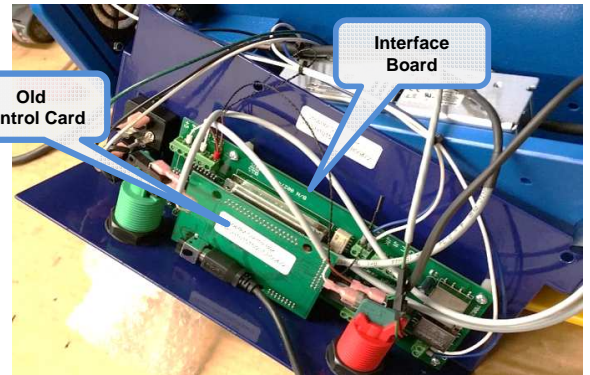
Open the electronics enclosure of your Handibot (using 4mm hex wrench enclosed)

- Remove **2 bolts** on the front of the middle (inside) wall
- Remove **3 bolts on the back wall**
- Push the enclosure **bulkhead to the side** until the enclosure lid is released from the slot in the plastic



3

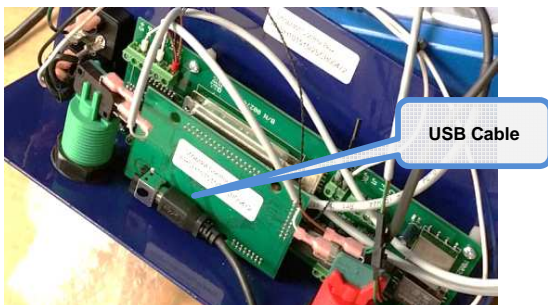
Rotate enclosure piece slightly away from the Handibot so you can **access the electronics**; careful not strain the wiring



4

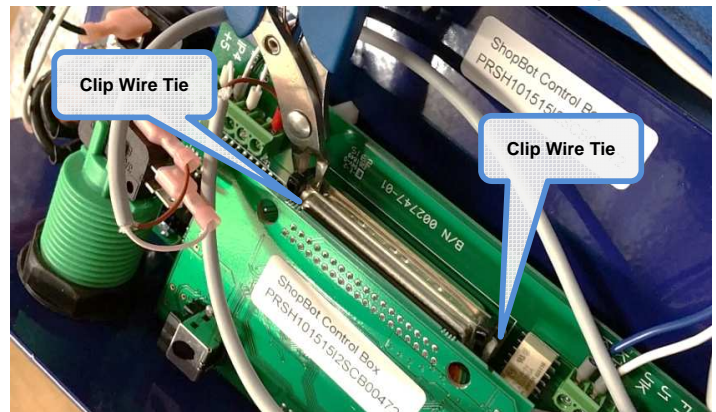
Steps to remove the current Control Card

a) First **disconnect the USB** cable ... you will not re-connect, so just re-situate it down in the bottom of the enclosure, out of the way

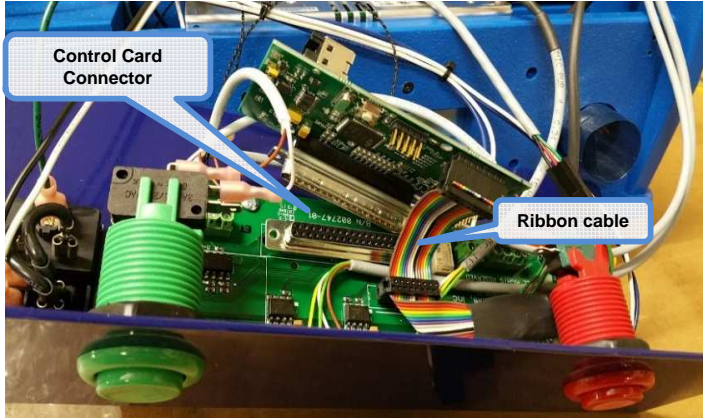


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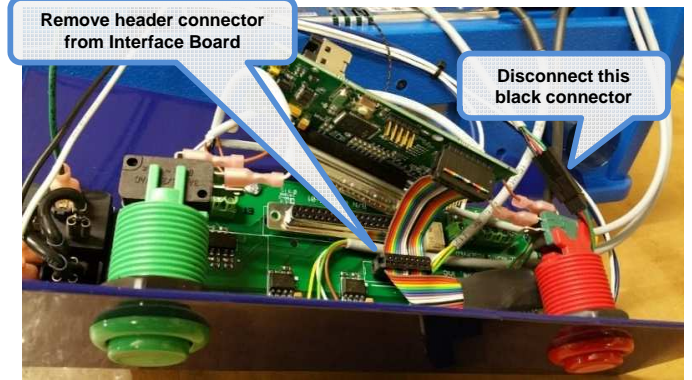
b) The Control Board connectors are locked by **small black wire ties**, one at each end; **clip** these wire ties free (note attachment method for re-connecting)



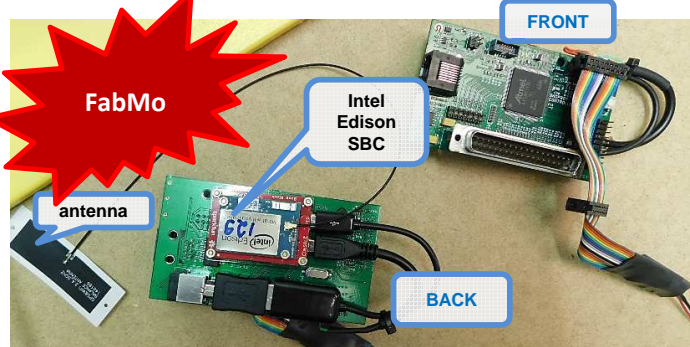
- 6) c) Then wiggle the Control Card off the connector; you will see the ribbon cable attached to the Interface Board



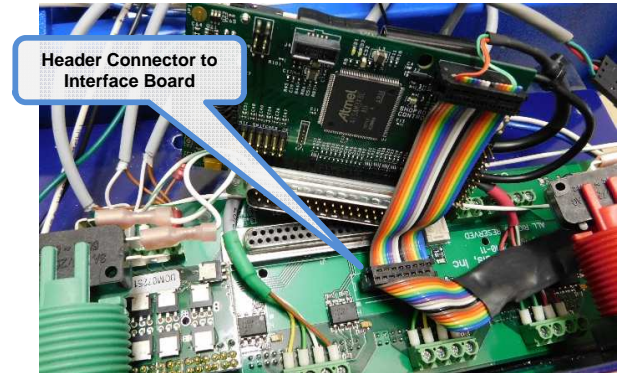
- 7) d) Remove the header connector noting its orientation
e) Disconnect extension of the ribbon cable at **black connector** (the small button in the clip releases it)



- 8) f) Old Control Card is now free; you can set it aside to **return later**
g) The **New FabMo Control Card** has more cables and an external antenna, it is otherwise similar and plugs in the same way



- 9) a) Install the NEW FabMo Control Card
Push the **new header connector over the pins on Interface Board** in the same orientation the old one came off
(* *brown wire on your left; note 2 rows*)

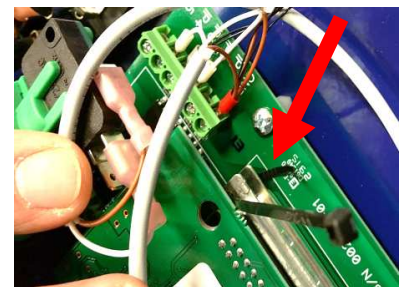


- 10) b) Then **insert the Control Card connector** into the mating connector on the Board
(* *insert fully, some force may be needed*)



- c) Connect the **black clip** connector

- 11) d) Use the **wire ties to secure the Control Card connectors** at each end, as before...
Hint: put a little **bend*** in the wire-tie to help feed it into position
e) **Tidy-up** by shortening the ties, and...



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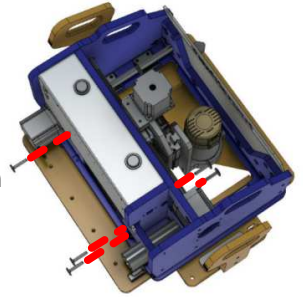
- c) Thread the **wire for the external antenna** through the exit hole in the bulkhead by pulling the bulkhead back a bit and letting the antenna wire drop down into it



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Re-Install the Enclosure on the Handibot

- a) Yes, it is a compact fit and you may need to **push** a few wires around to get all in place... careful of those new cables!
- b) Spread the bulkhead wall a bit as you **guide the edges** of the enclosure back into the slots... it should all snap into place
- c) Start all the **bolts back in** and make sure they are aligned; then **tighten** them up



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- d) Using the sticky back, **mount the external antenna** on the wall inside the accessory bay



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Now it's FabMo time!
... your Handibot should be all ready to go as almost a new tool!

Questions: 888.624.2658 (Toll Free)

Return Mailer included, or mail to:
Handibot

3120 Old Oxford Hwy
Durham, NC 27704

(Make sure we know who it is from!)

FabMo

Introduction to using FabMo (docs):

[Hooking-Up: Anchor Point \(AP\) Mode \(direct\)](#)
[QuickLaunch TestCut \(for V2, but you can use\)](#)
[Hooking-Up: Network Mode](#)

More docs available at: docs.handibot.com