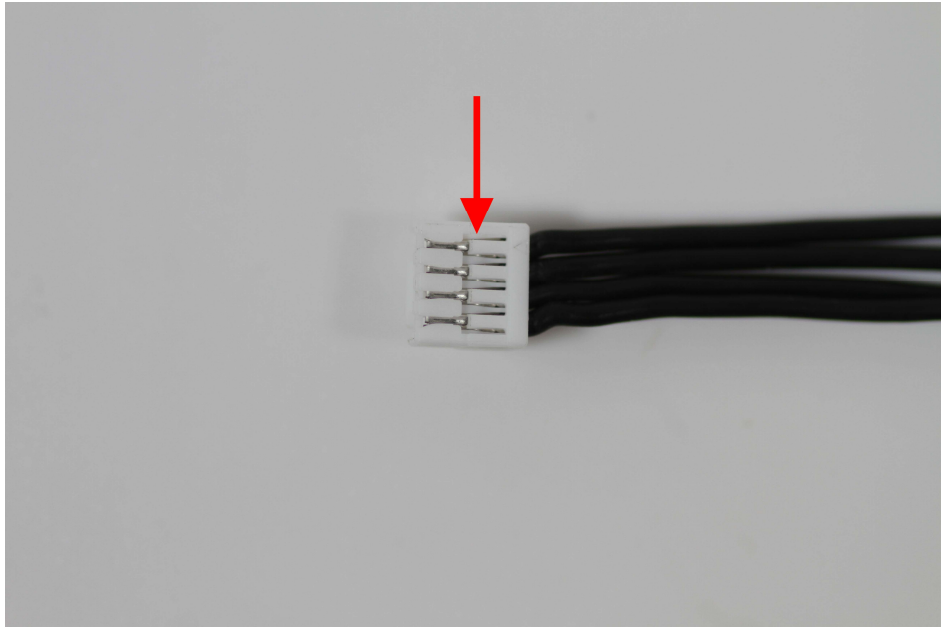
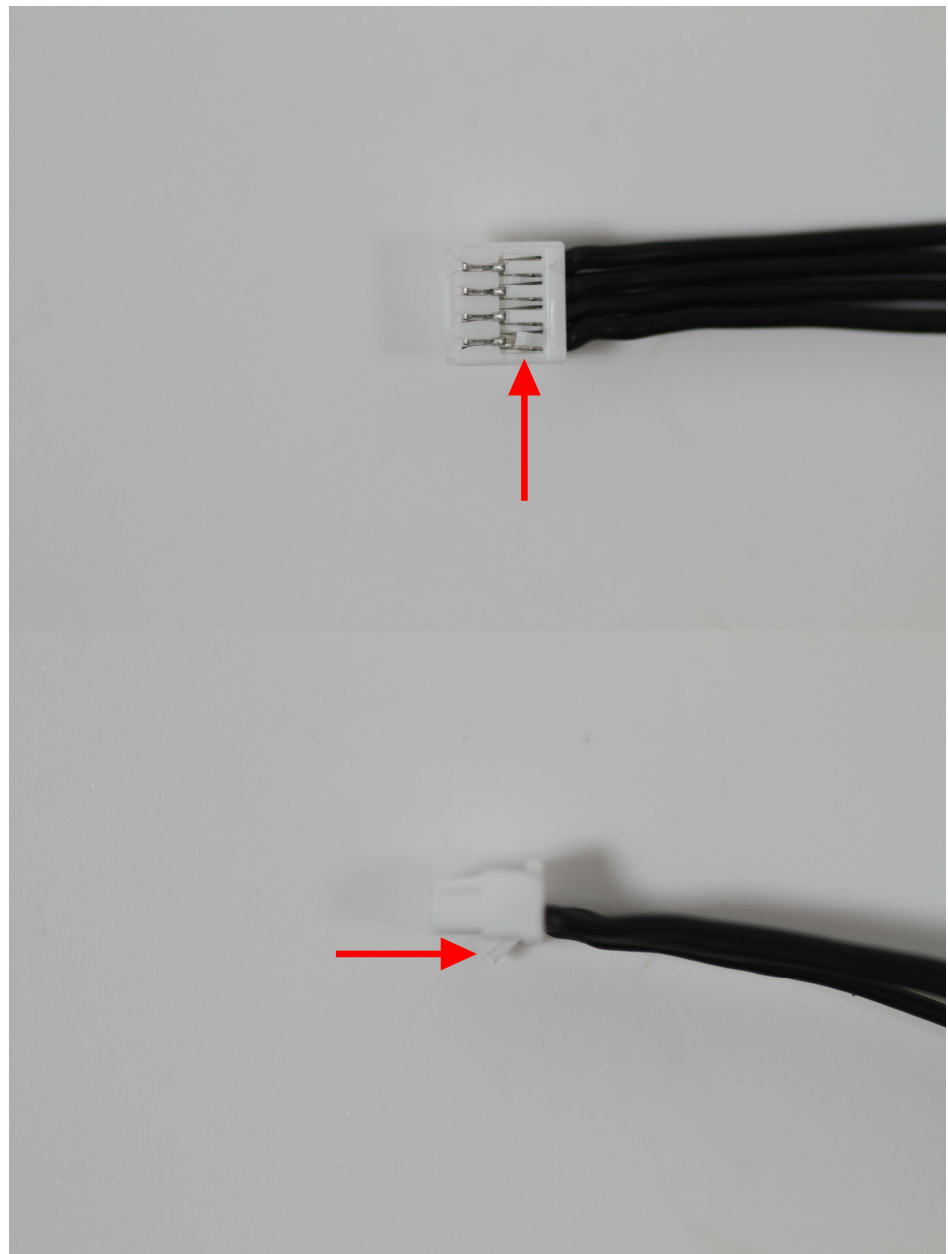


Modifying MCBL-00015-1 to become MCBL-00061-1

Explanation	Photo
<p>This is the tab that holds the pins in</p>	 A photograph of a white plastic connector with four metal pins protruding from its front face. A red arrow points to a small tab on the top edge of the connector, which is used to hold the pins in place. The connector is attached to a black cable.

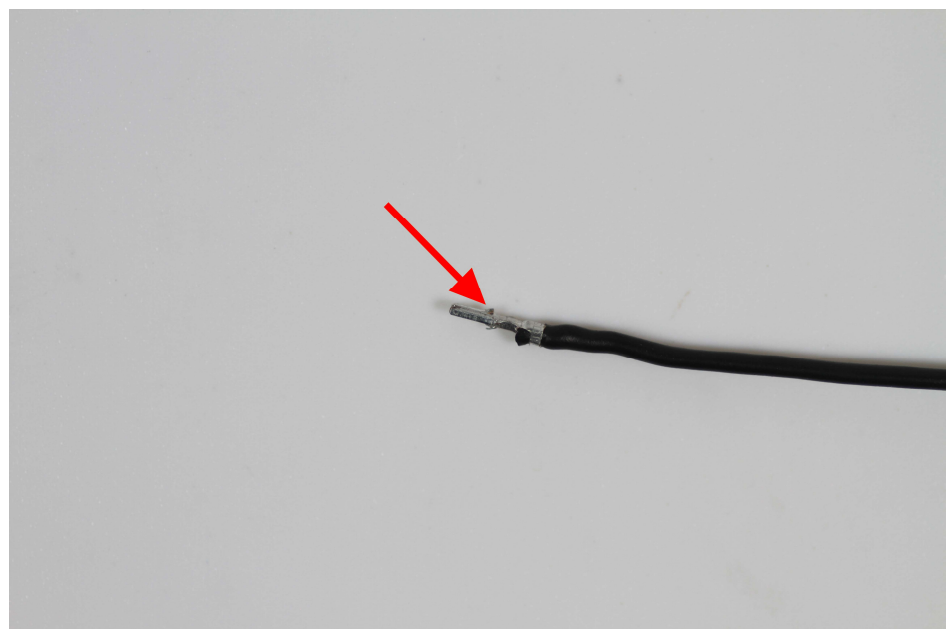
Bend the tab up like so to allow easy de-pinning

Bending the plastic to this extreme can be done only when the connector that is being de-pinned is going to be discarded



This is what a cable/pin looks like

The arrow is indicating the barb that retains the pin within the connector



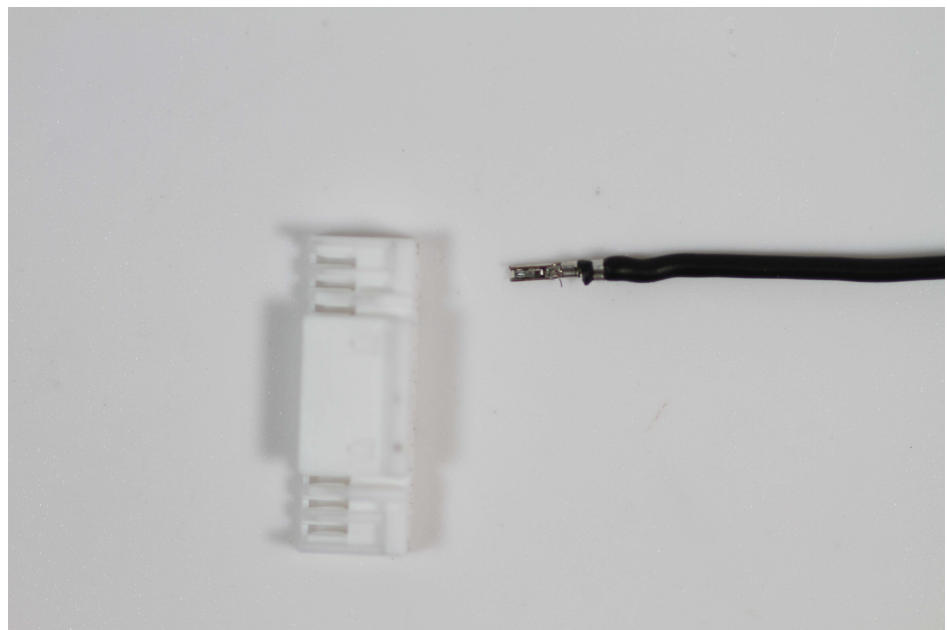
The pins are easiest to install into the connectors in one of two orientations:

Barb and retaining clip facing towards you as seen here



Or you can have the barb and retaining clip face away from you

Doing it this way might make it easier to see if the pin/barb is properly oriented and everything is going to properly click in place



Starting with MCBL-00015-1



Remove "15" sticker



De-pin pin 4 on MCBL-00015-1

Take care to not damage the metal pin on MCBL-00015-1

It is perfectly alright to damage the plastic retaining clip on the connector as it will be discarded



Install into pin 12 on the 12 pin connector

Be sure the barb on the pin gets fully seated

Conduct a tug test to verify the wire is fully seated and will not come out of the connector



De-pin pin 3 on MCBL-00015-1

Take care to not damage the metal pin on MCBL-00015-1

It is perfectly alright to damage the plastic retaining clip on the connector as it will be discarded



Install into pin 11 on the 12 pin connector

Be sure the barb on the pin gets fully seated

Conduct a tug test to verify the wire is fully seated and will not come out of the connector



De-pin pin 2 on MCBL-00015-1

Take care to not damage the metal pin on MCBL-00015-1

It is perfectly alright to damage the plastic retaining clip on the connector as it will be discarded



Install into pin 10 on the 12 pin connector

Be sure the barb on the pin gets fully seated

Conduct a tug test to verify the wire is fully seated and will not come out of the connector



De-pin pin 1 on MCBL-00015-1

Take care to not damage the metal pin on MCBL-00015-1

It is perfectly alright to damage the plastic retaining clip on the connector as it can now be discarded



Install into pin 9 on the 12 pin connector

Be sure the barb on the pin gets fully seated

Conduct a tug test to verify the wire is fully seated and will not come out of the connector

This is the completed cable!



Completed cable flip side view:

Conduct one last tug test on the 4 newly installed connectors! It will save a lot of time/headache down the line if the connectors are 100% seated

All wires should nicely line up with their corresponding connectors as seen here

All pins should be fully seated in the connector with the barb oriented properly. No wires should be able to be pulled loose from the connectors

