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## Assembly Instructions

- |                                |   |
|--------------------------------|---|
| How To Solder in 5 Easy Steps  | ✓ |
| A Quick Note From Dr. Duino    | ✓ |
| Pioneer Parts List             | ✓ |
| Push Buttons                   | ✓ |
| Current Limiting Resistors     | ✓ |
| Potentiometers                 | ✓ |
| Light Dependent Resistor (LDR) | ✓ |
| Piezzo Buzzer                  | ✓ |
| Discrete LED's                 | ✓ |
| Arduino Uno Headers            | ✓ |
| Addressable LED                | ✓ |
| Pioneer Shield Mounting        | ✓ |
| Using The Remaining Header     | ✓ |

Expansion Pack Headers



Quality Check



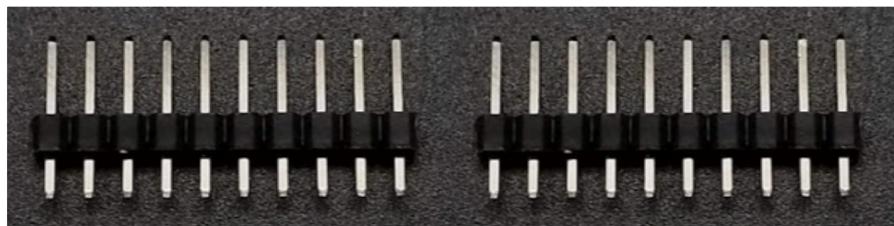
### Assembly Manual Instructions

## Expansion Pack Headers

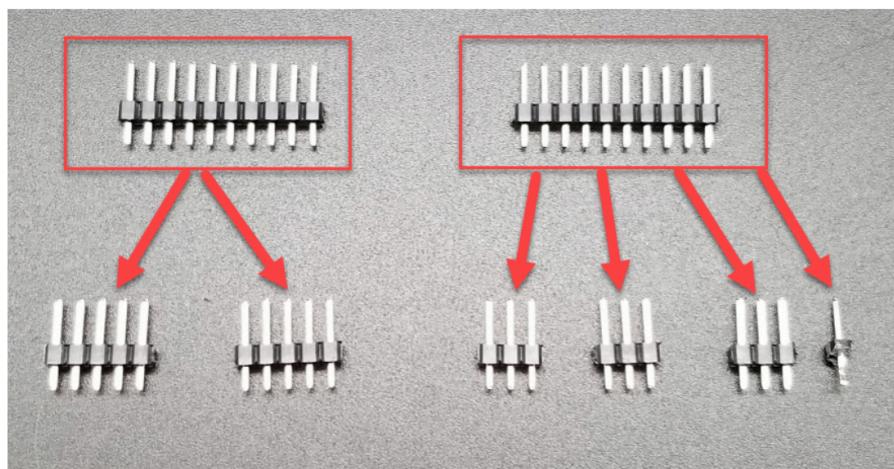


### Parts Used In This Step

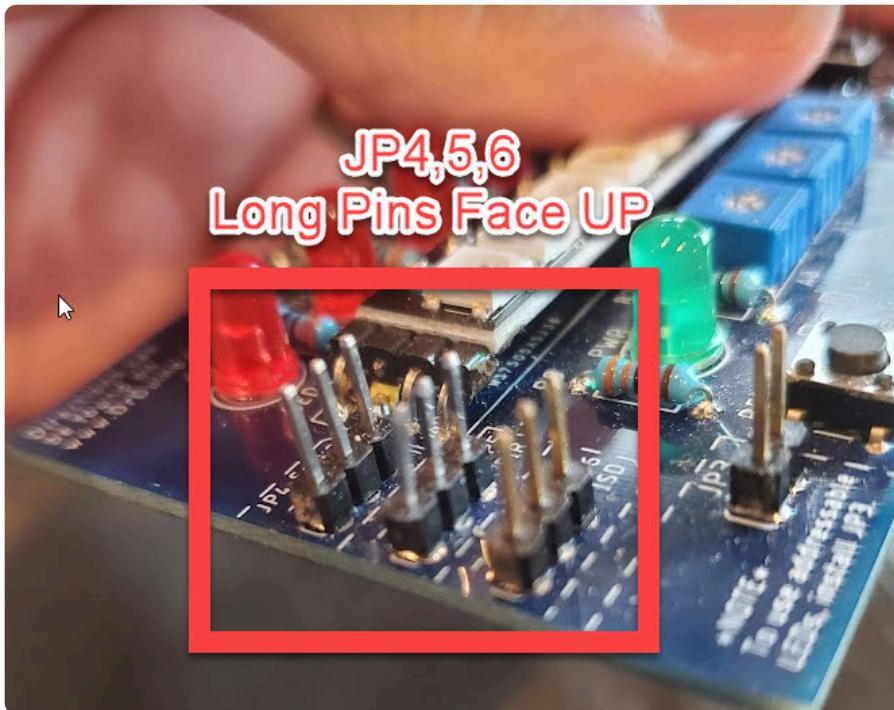
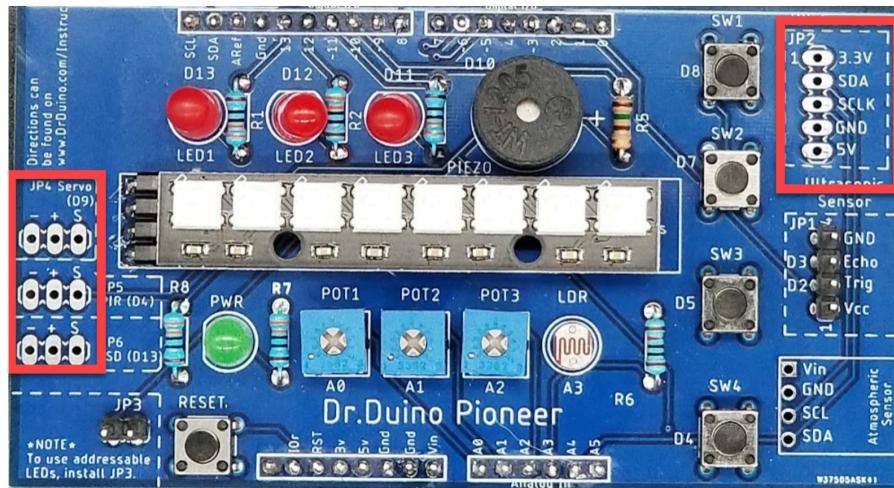
Quantity	Description
2	10 Pin Headers

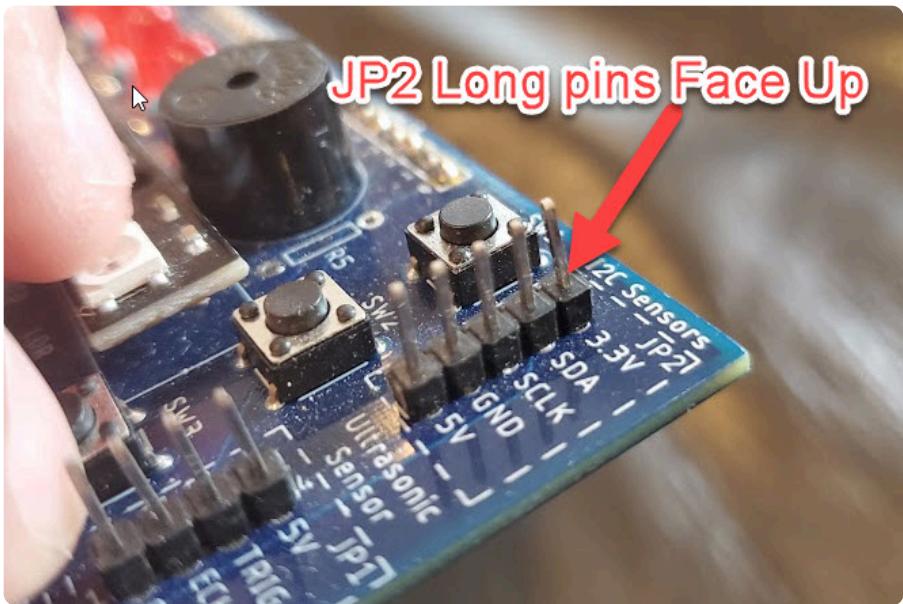


- 1) Take the two 10-pin headers and break them into the following smaller headers.



2) Using the headers you just made, solder them into the following locations.





### IMPORTANT!

The Atmospheric Sensor header is not populated and is ok to leave without a header installed.