Ah, the joys of crashing on alien planets—everything gets tossed around like a cosmic salad! No worries, Explorer, the repair kit’s contents are crucial, so let’s make sure you’ve got everything accounted for.

Here’s the checklist:

1. **HERO board** – Arduino IDE compatible, the brains of this operation.
2. **Breadboard** – No soldering required, we’ll plug components into this for easy circuit building.
3. **Rotary Encoder** – We’ll spin this later to control systems.
4. **LEDs** (10 of them) – These little lights will be our eyes in the dark.
5. **RGB LED** – A multi-colored star in your repair kit, and we’ll make it shine!
6. **Resistors** – 100k, 10k, 1k, 220 Ohm (10 each). Trust me, we’ll need these to keep things from frying.
7. **128x64 OLED Display** – This will help us see some critical data as we get your systems online.
8. **7 Segment Display** – Think of this as a tiny number display, great for quick feedback.
9. **Passive Buzzer** – We’ll use this for sound alerts, or perhaps some tunes—if you’re into that.
10. **3-Switch DIP Switch** – Switch control at its finest, this will let you toggle different systems.
11. **16-Button Keypad** – Think of it like a mini keyboard, useful for input.
12. **USB Data Cable** – The lifeline between your HERO and the programming computer.
13. **Male-to-Male Wire Bundle** & **Female-to-Male Wire Bundle** – Essential for connecting everything together.

Once you’ve got these scattered parts gathered, we can start building. Don’t take too long—remember, we’ve got a shuttle to fix!

Got everything?

Libraries Downloaded

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