

### 1.0 STORAGE BOX

1.1	Compartment storage box (60 x 340 x 250mm)
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### 2.0 ELECTRONICS

2.1	Orange pip Mega2560
2.2	USB cable (Male USB A to Male USB B)
2.3	L298N dual H-bridge motor driver
2.4	170 tie-points mini breadboard
2.5	Brushed geared DC motor
2.6	Brushed geared DC motor with encoder
2.7	Brushless DC motor cooling fan
2.8	HC-SR04 ultrasonic sensor
2.9	TMP36 temperature sensor
2.10	220 Ohm resistor (quantity: 3)
2.11	2.25 V LED 5mm (quantity: 3)
2.12	9V power jack
2.13	9V rechargeable battery with micro-c cable
2.14	Male-to-male breadboard wire (quantity: 8)
2.15	Male-to-female breadboard wire (quantity: 8)

### 3.0 RAPID PROTOTYPING

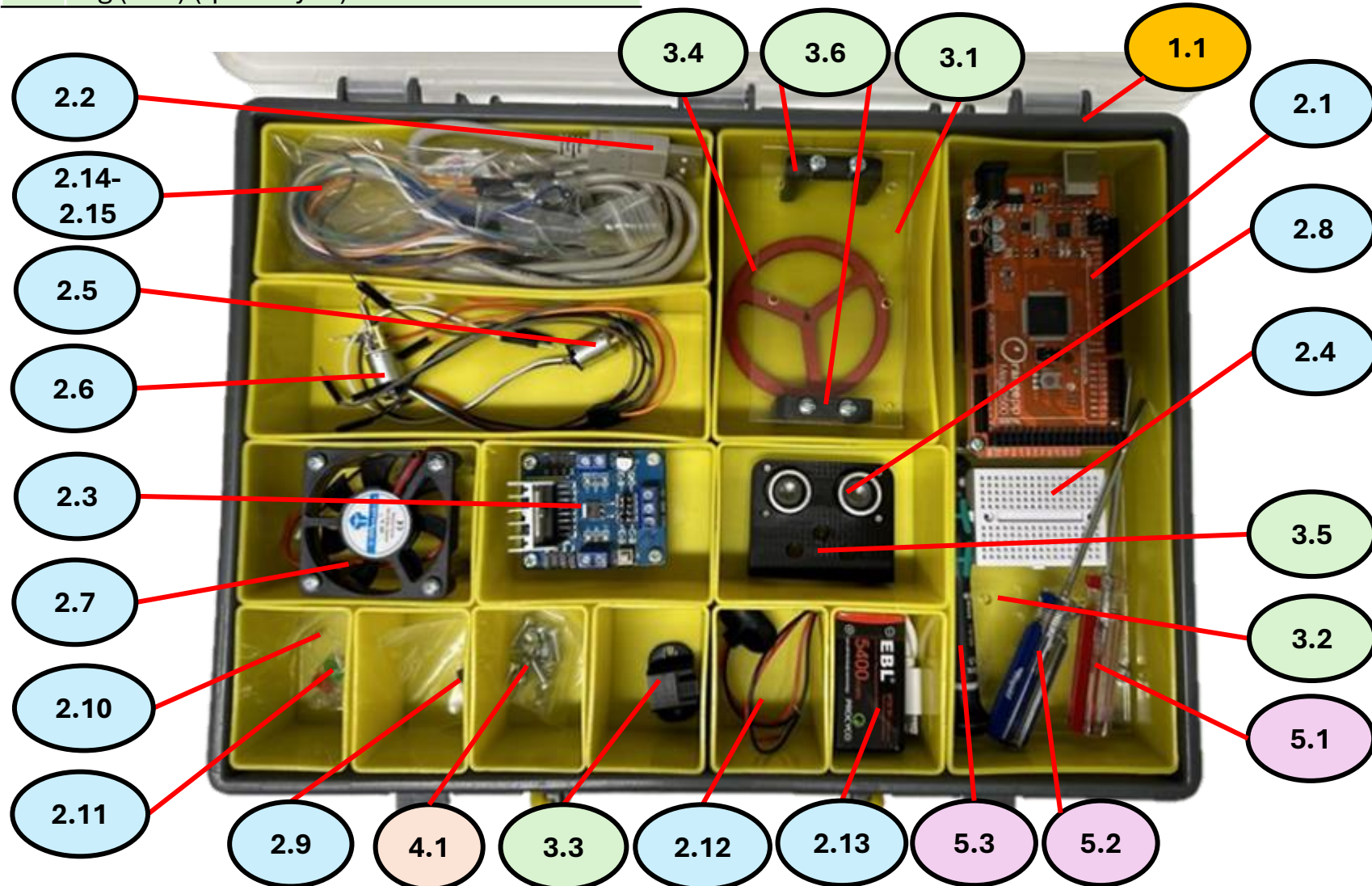
3.1	Base 1 (acrylic), 98 x 54 x 3mm
3.2	Base 2 (acrylic), 209 x 70 x 3mm
3.3	DC motor mount (PLA)
3.4	Wheel (PLA)
3.5	Ultrasonic sensor and LEDs mount (PLA)
3.6	Leg (PLA) (quantity: 2)

### 4.0 NUTS AND BOLTS

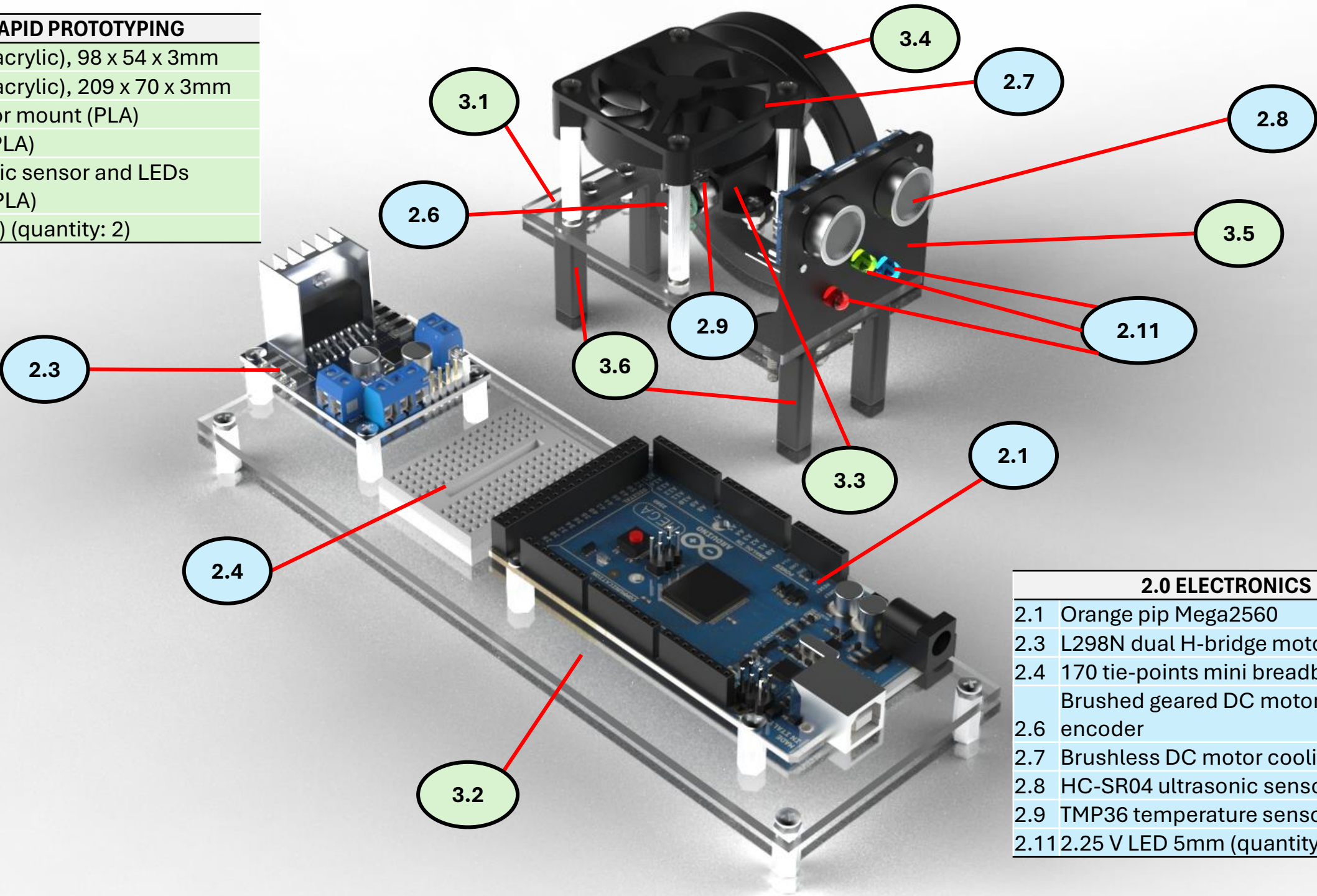
4.1	Various nuts and bolts (full details not provided)
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### 5.0 TOOLS

5.1	Philips screwdriver (75mm x No 0)
5.2	Flat bladed screwdriver (75 x 3mm)
5.2	Hexagon nut driver, 5.5mm tip



3.0 RAPID PROTOTYPING	
3.1	Base 1 (acrylic), 98 x 54 x 3mm
3.2	Base 2 (acrylic), 209 x 70 x 3mm
3.3	DC motor mount (PLA)
3.4	Wheel (PLA)
3.5	Ultrasonic sensor and LEDs
3.6	mount (PLA)
3.6	Leg (PLA) (quantity: 2)



2.0 ELECTRONICS	
2.1	Orange pi Zero 2W
2.2	L298N dual H-bridge motor driver
2.3	170 tie-points mini breadboard
2.4	Brushed geared DC motor with encoder
2.5	TMP36 temperature sensor
2.6	HC-SR04 ultrasonic sensor
2.7	2.25 V LED 5mm (quantity: 3)
2.8	Brushless DC motor cooling fan
2.9	Wheel (PLA)
2.10	DC motor mount (PLA)
2.11	Ultrasonic sensor and LEDs