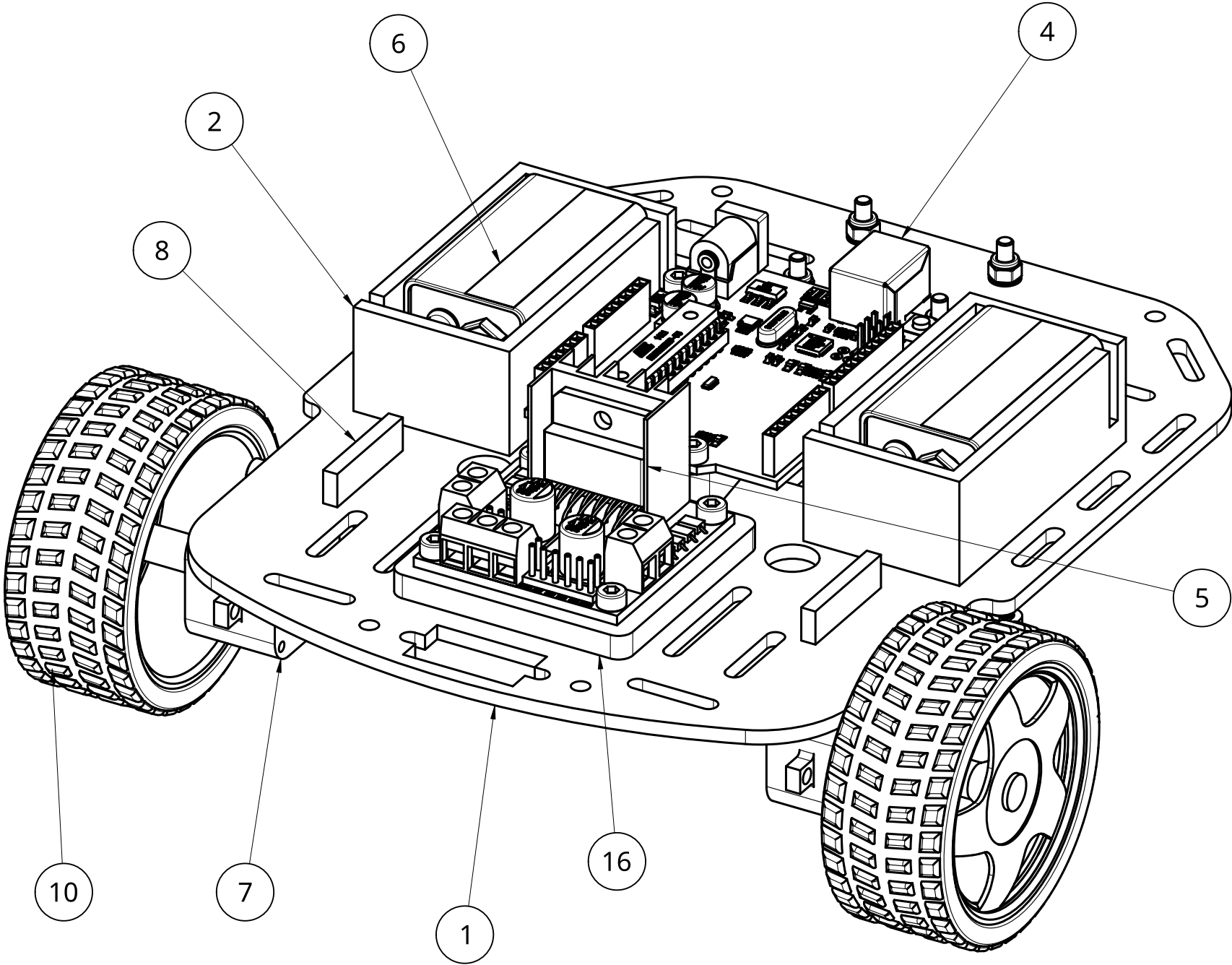


Arduino Car Assembly



Item	Quantity	Description
1	1	Chassis
2	2	9V Battery Mount
3	1	Arduino Uno Mount
4	1	Arduino Uno
5	1	L298N Motor Driver
6	2	9V Battery
7	2	DC Geared Motor
8	2	Motor Mount
9	1	Castor Wheel
10	2	Wheel
11	4	M3 x 12 Brass Spacer
12	36	Chamfered plain washer normal M3 Stainless Steel
13	23	M3 Nyloc
14	4	M3 x 25 Hex socket head cap screw
15	4	M3 x 30 Hex socket head cap screw
16	1	L298N Mount
17	4	M3 x 16 Hex socket head cap screw
18	3	M3 x 20 Hex socket head cap screw
19	4	Hex socket head cap screw M3x0.50 x 50 x 18 Stainless Steel
20	1	Breadboard
21	4	M3 x 10 Hex socket head cap screw

Assembly Notes

- Nyloc 'Locking Nuts' are NOT to be overtightened as the Acrylic Chassis will crack.
- Complete Mechanical Build in the following order:
- Fit L298N Motor Driver Board (Not Motors)
  - Fit 9V Battery mounts
  - Fit DC Motors without fitting wheels
  - Fit Trolley Wheel
  - Fit Arduino Uno

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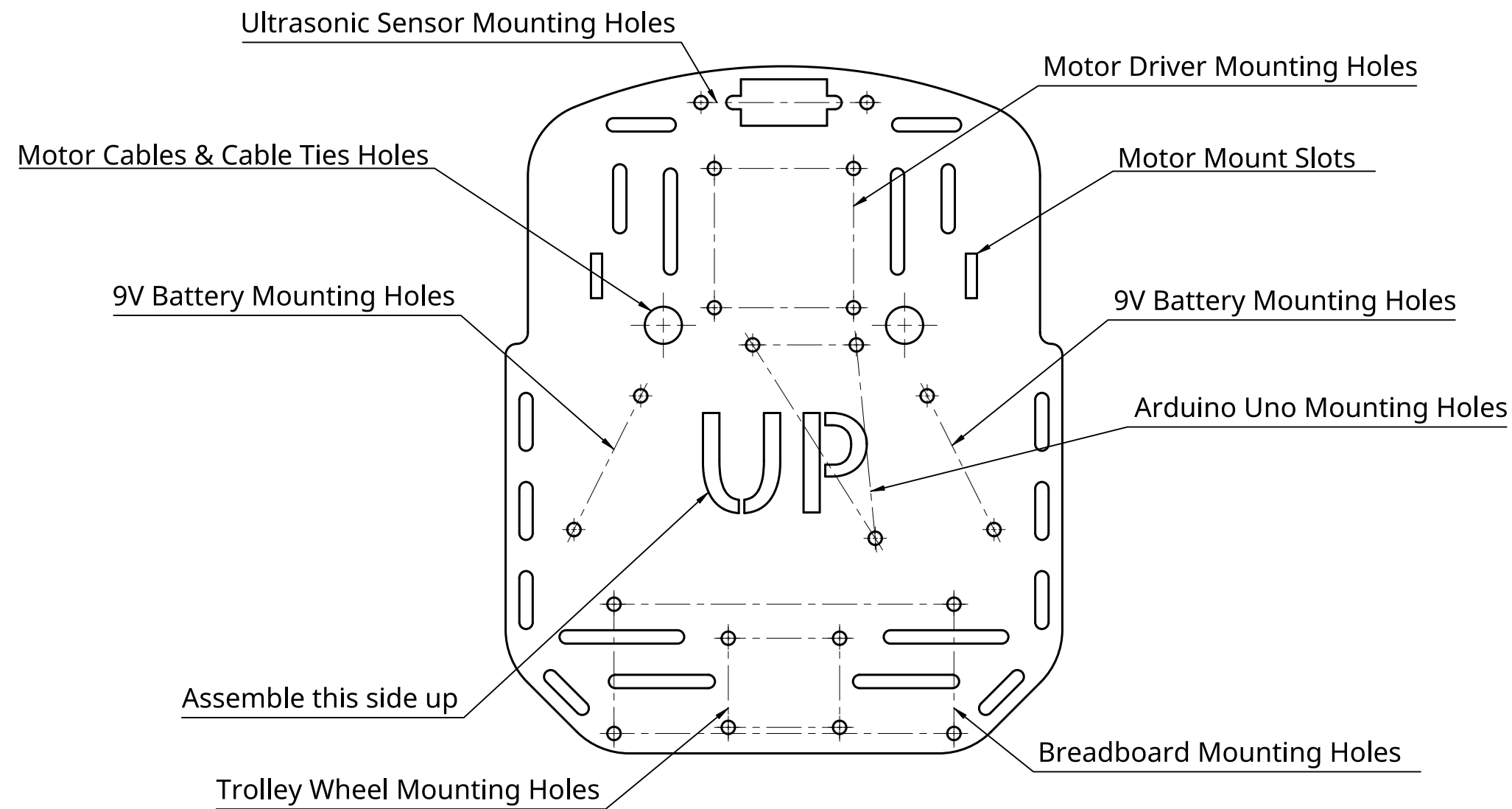
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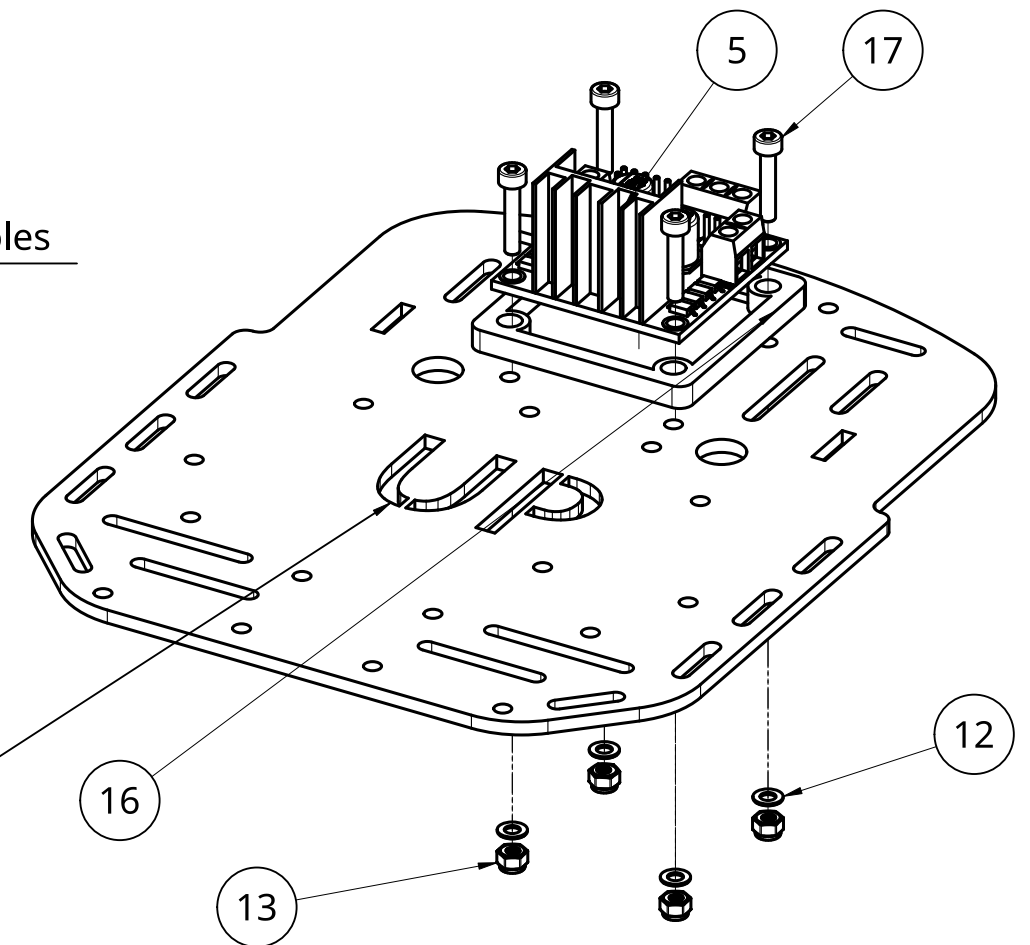
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## Chassis Hole Map



## #1 L298N Motor Driver Assy

Ensure the Chassis  
is This Side Up



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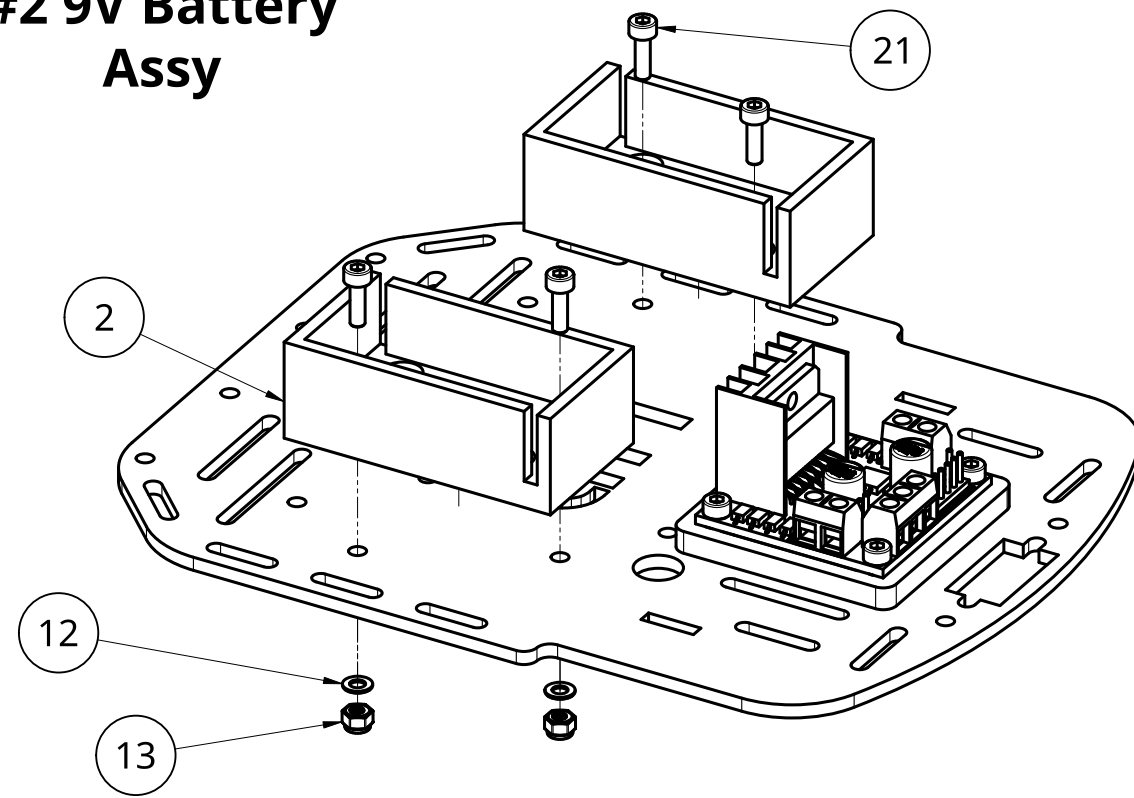
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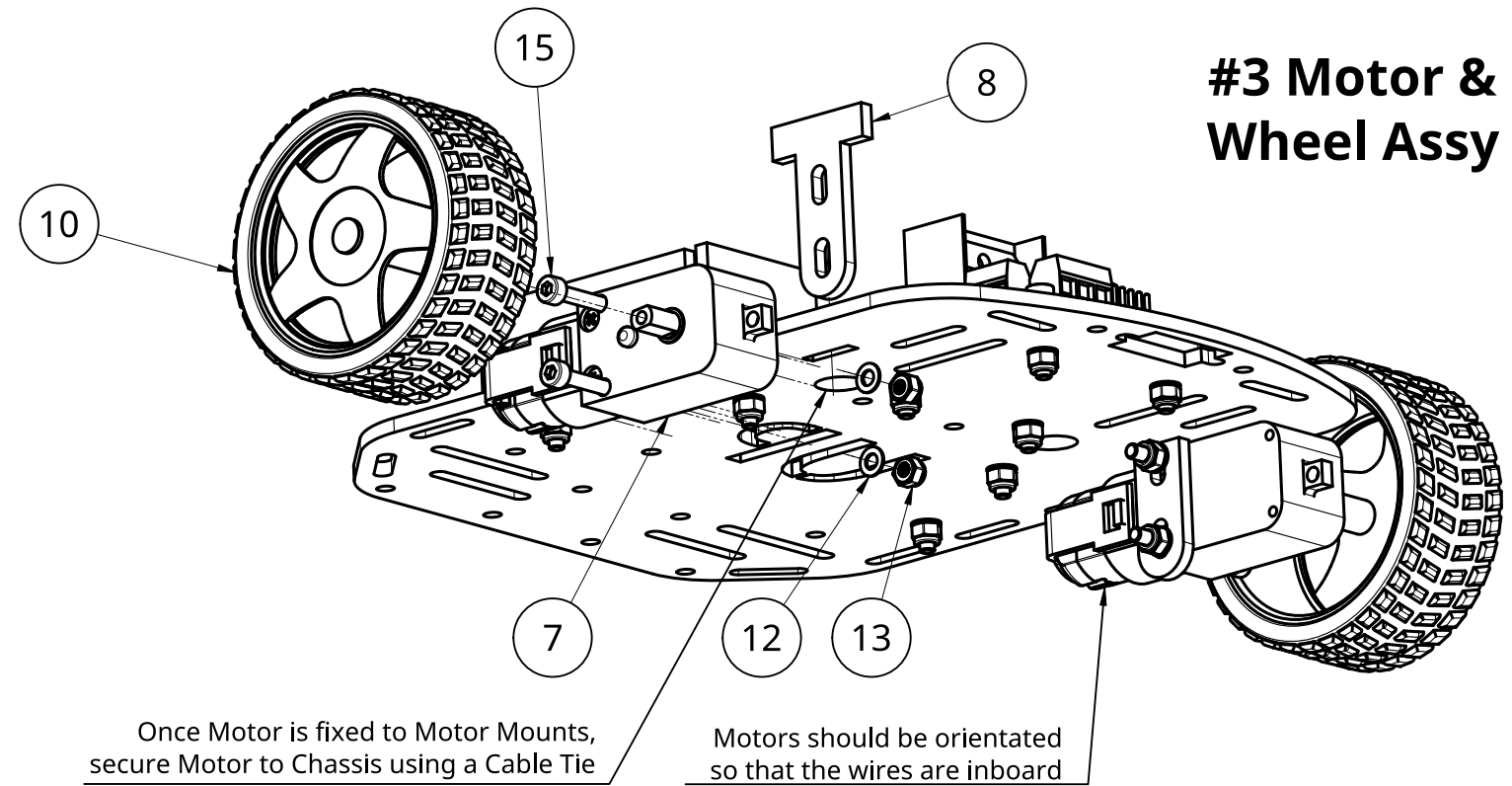
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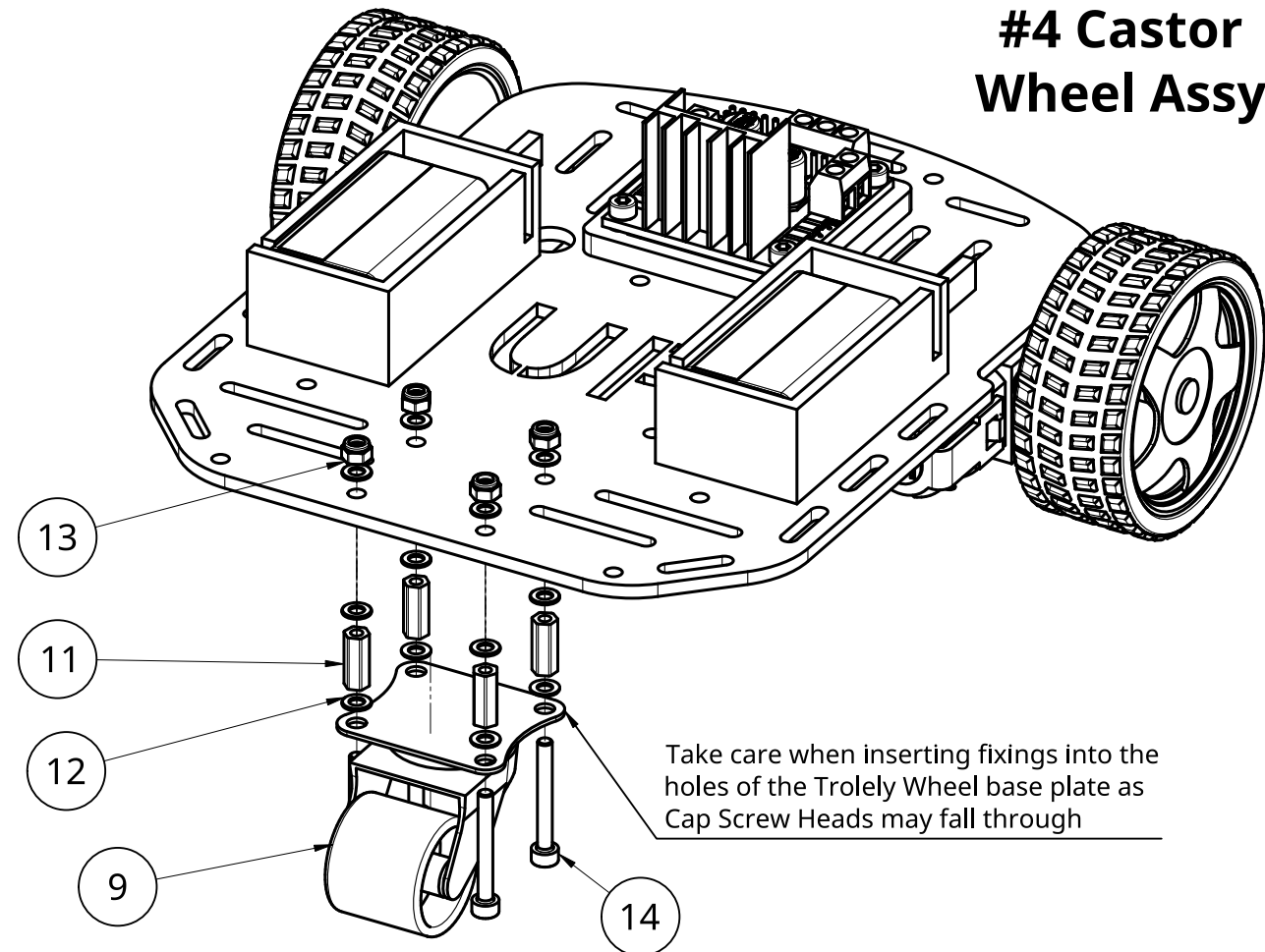
## #2 9V Battery Assy



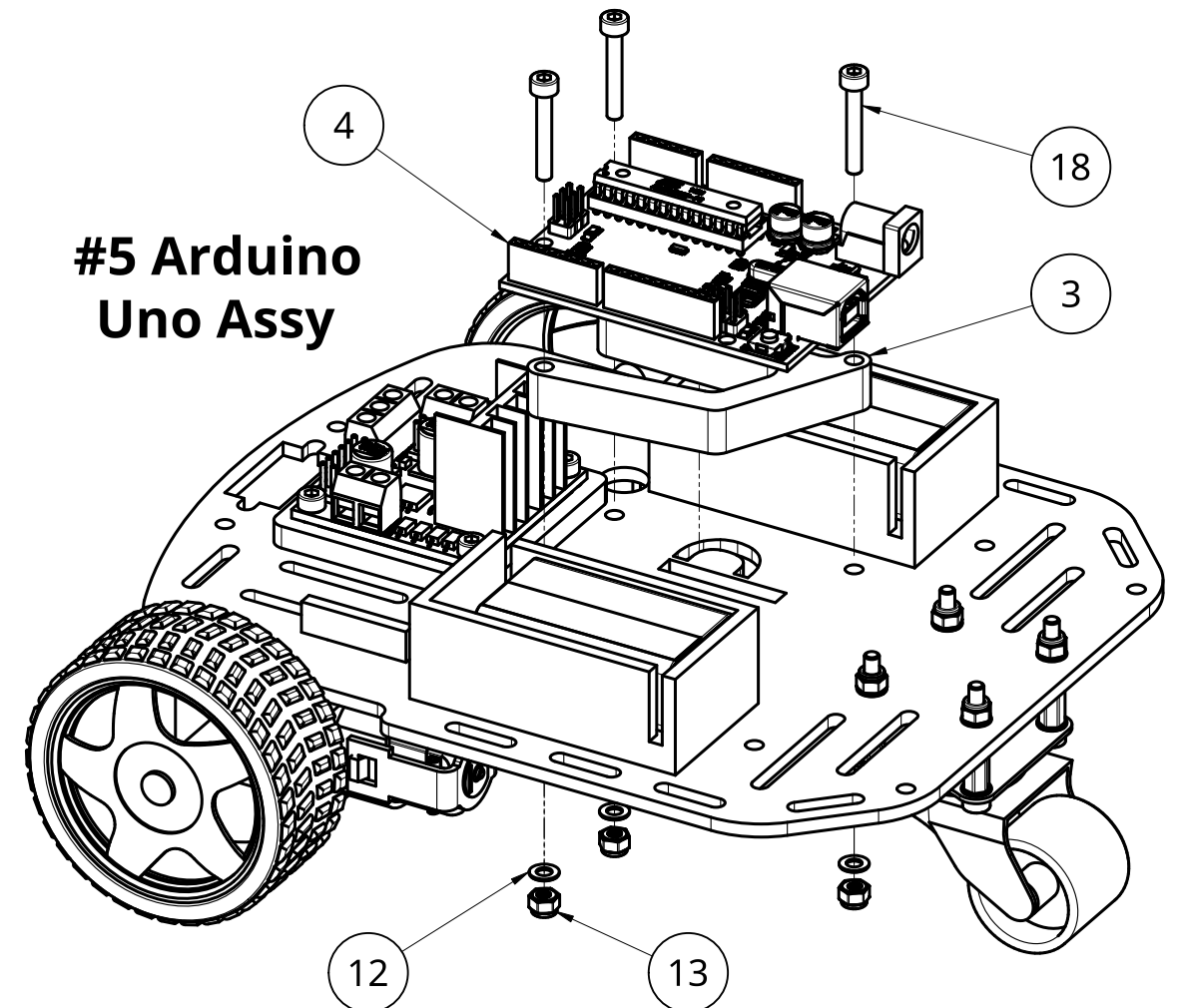
## #3 Motor & Wheel Assy



## #4 Castor Wheel Assy



## #5 Arduino Uno Assy



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