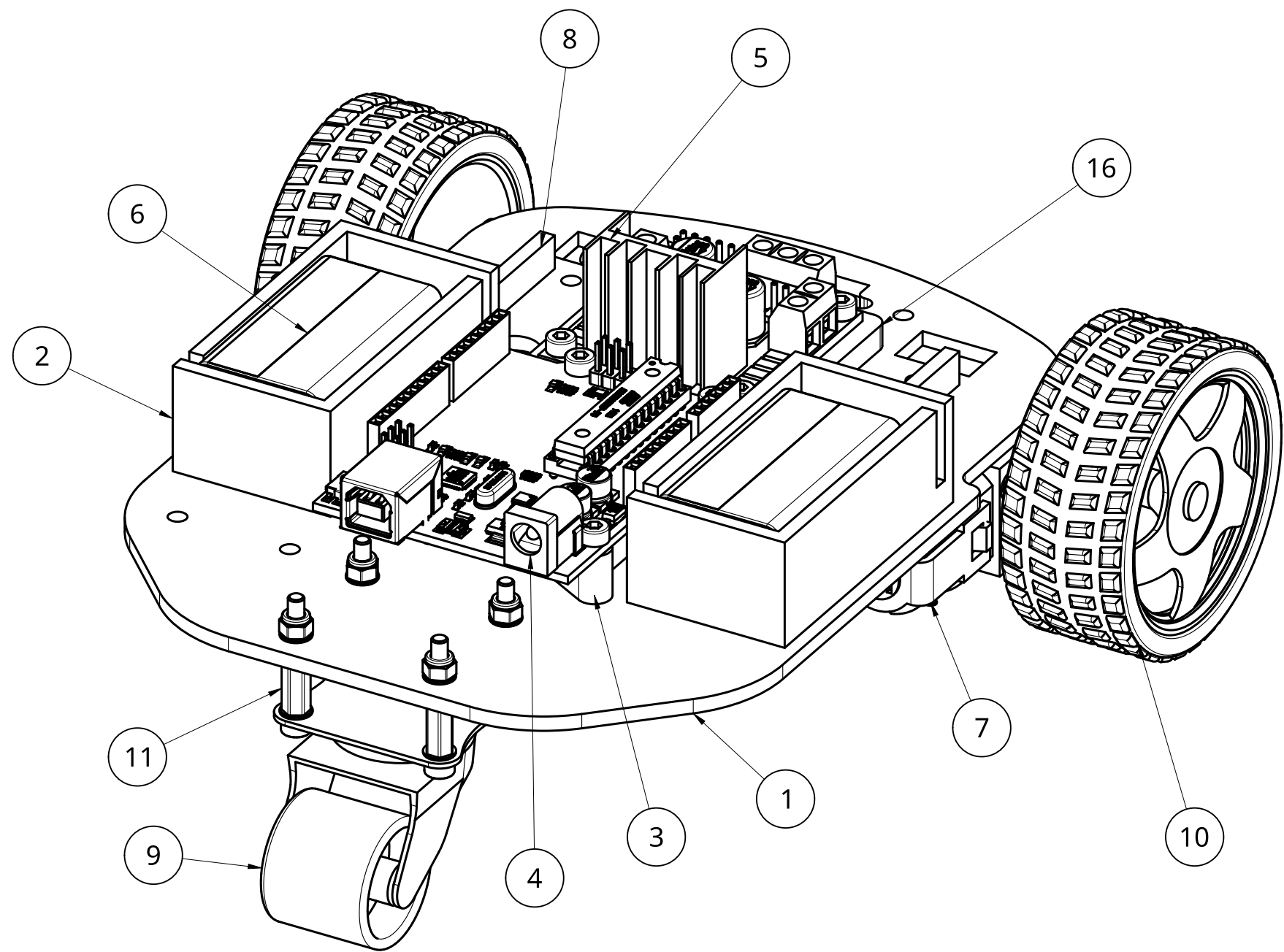


Radio Controlled Car Overall Assembly



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	Trolley Wheel
10	2	Wheel
11	4	M3 x 12 Brass Spacer
12	27	Chamfered plain washer normal M3 Stainless Steel
13	19	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	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

6

5

4

3

2

1

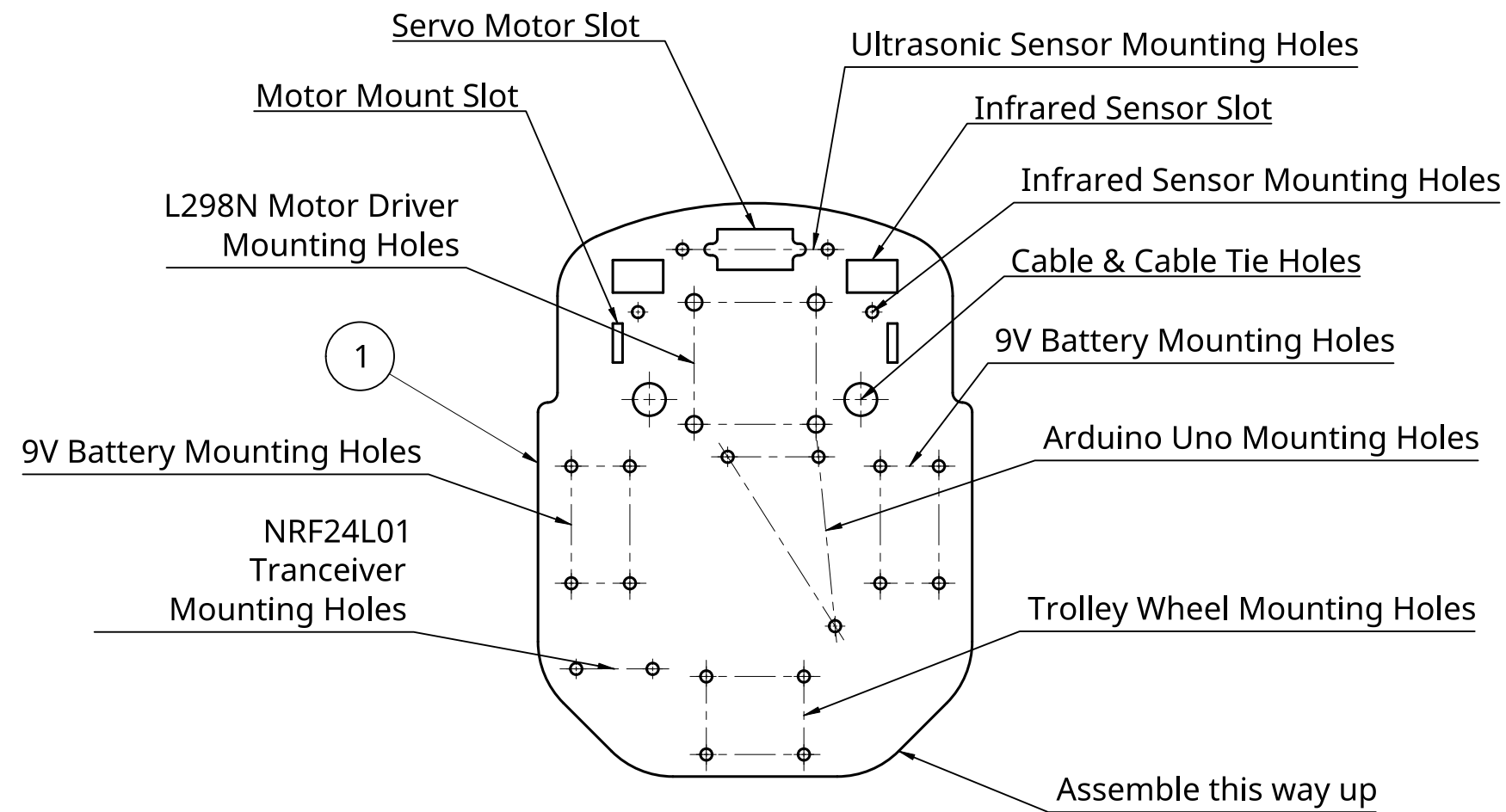
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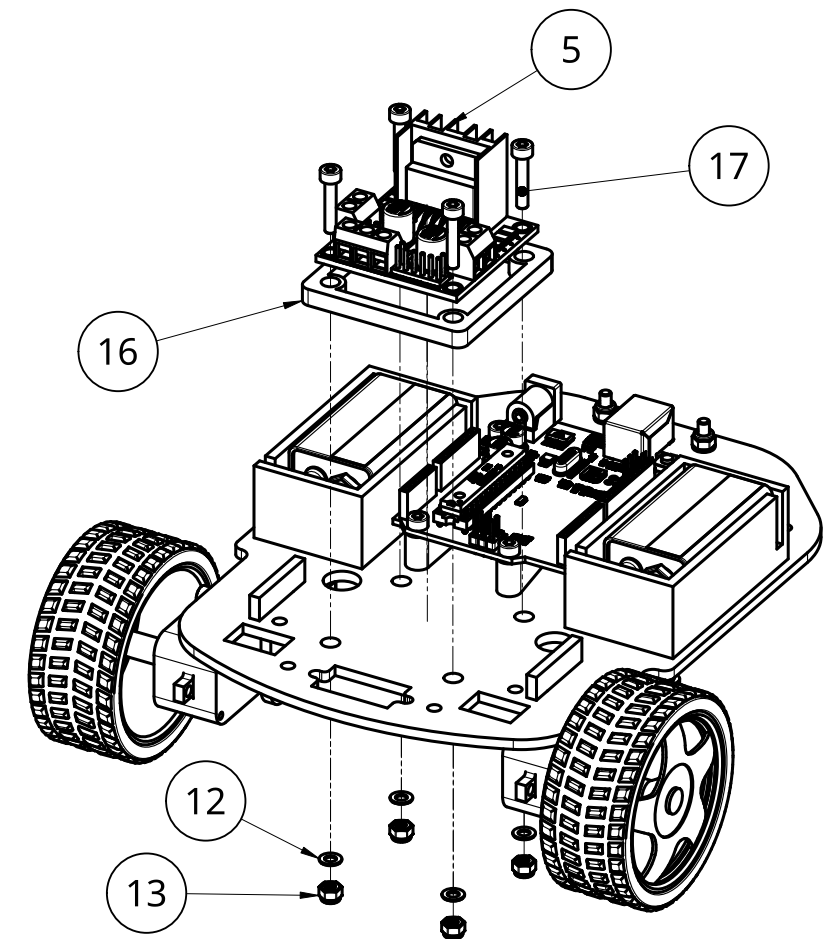
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A

Chassis Hole Map



L298N Motor Driver Assy



6

5

4

3

2

1

6

5

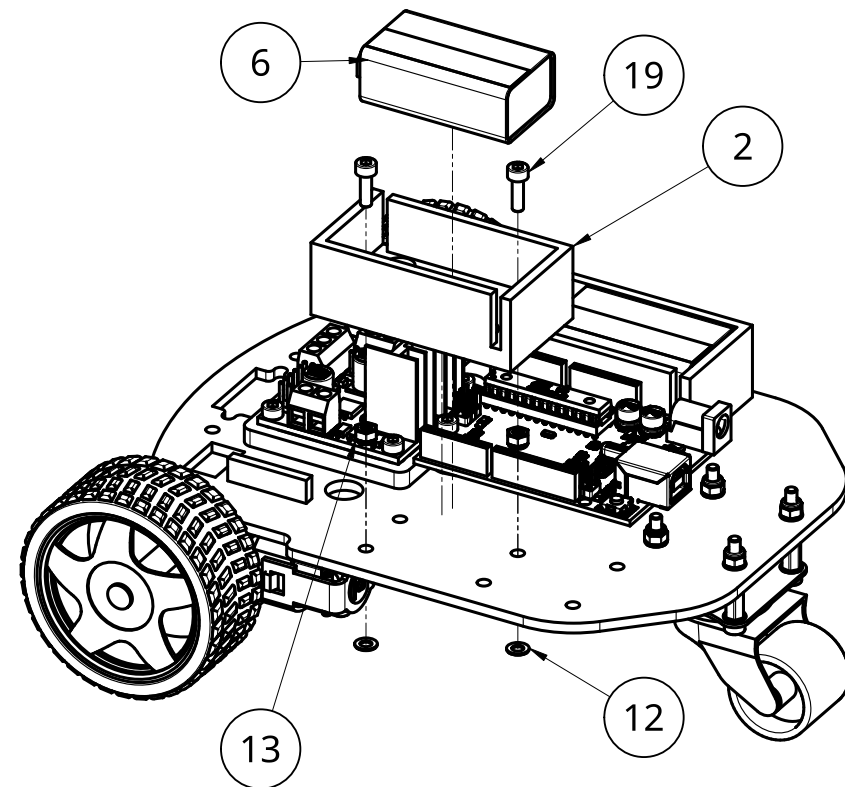
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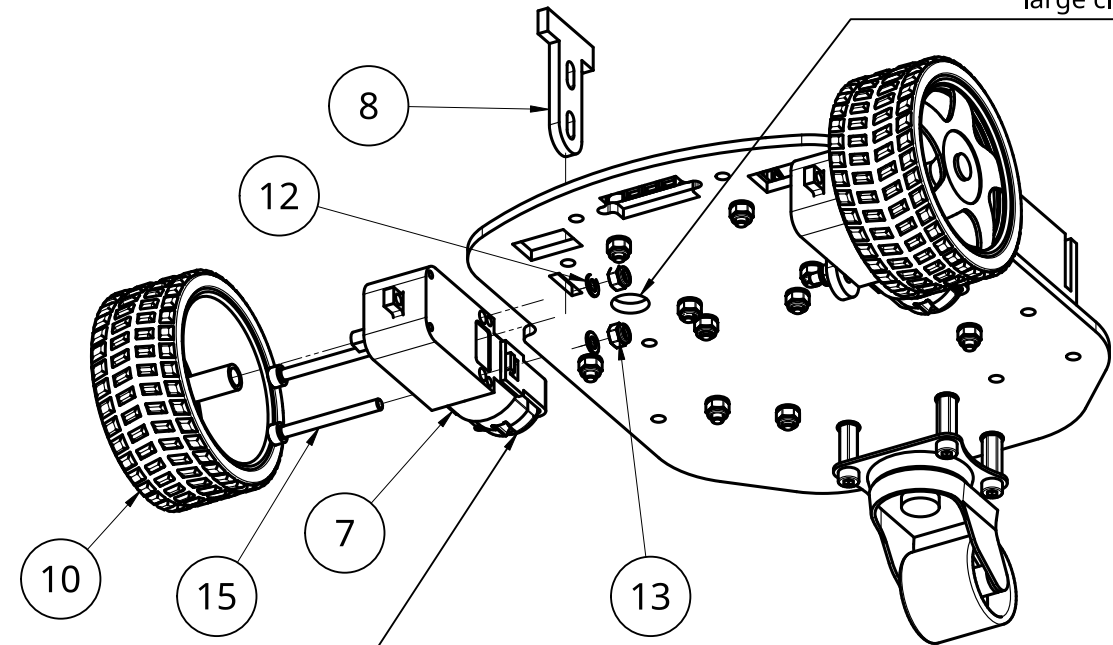
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9V Battery Assy



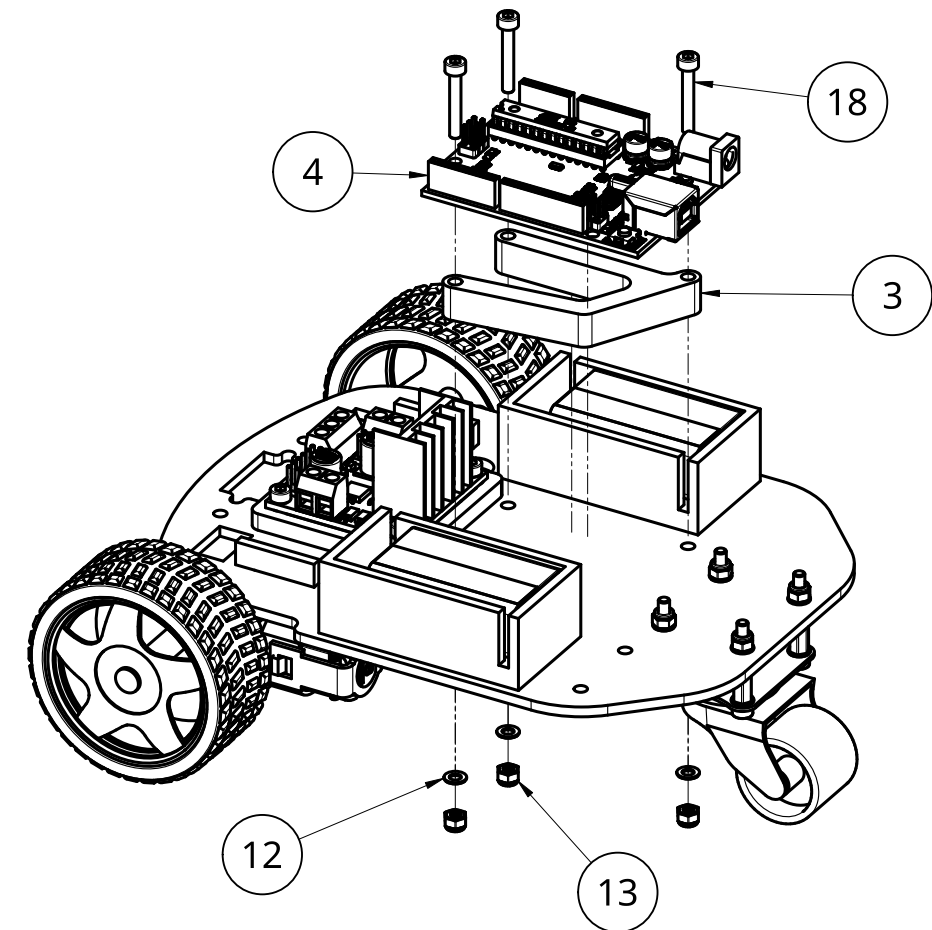
Motor & Wheel Assy

Once Motor is fixed to Motor Mounts, secure Motor to Chassis using a Cable Tie around the Motor and through the large circular Chassis hole

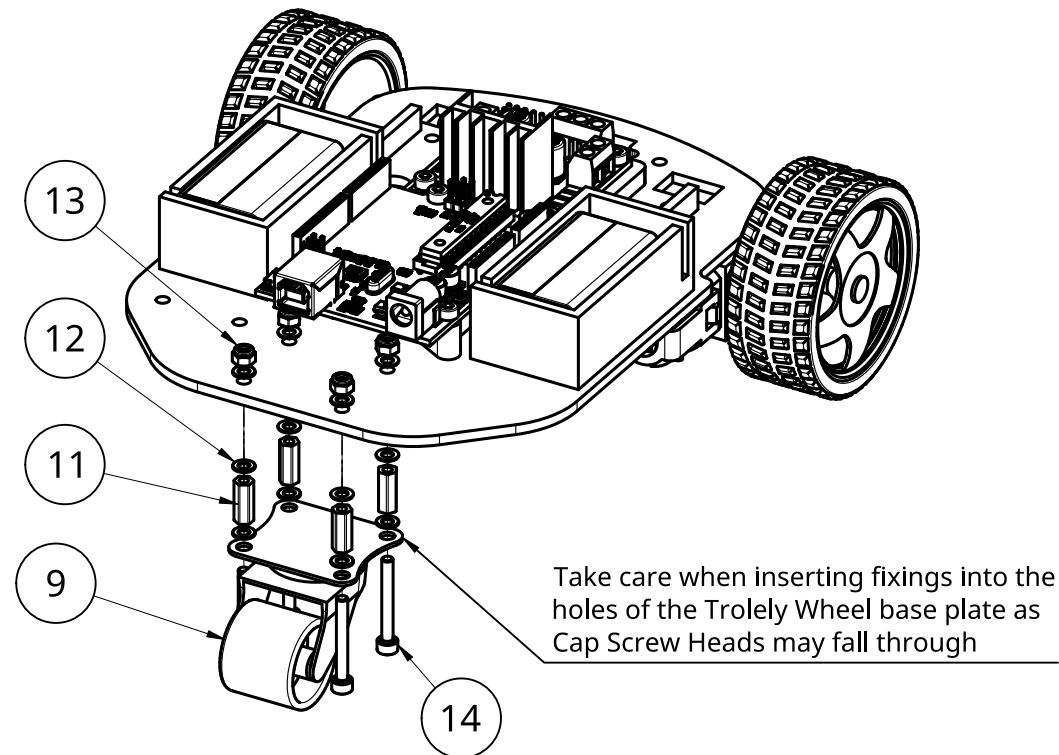


Motors should be orientated so that the wires are inboard

Arduino Uno Assy



Trolley Wheel Assy



Take care when inserting fixings into the holes of the Trolley Wheel base plate as Cap Screw Heads may fall through