

# DC Motor Tips & Tricks



Follow these recommendations to keep your DC Motors working properly. Explicitly teach this routine to your students.

D-Shape



Flat Edge

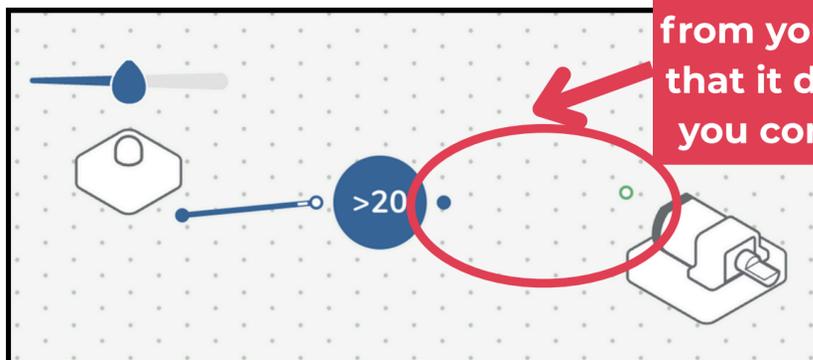


1

Find the D-shaped opening in the center of the wheel. The side of the wheel with the “bump” attaches to the DC Motor axle

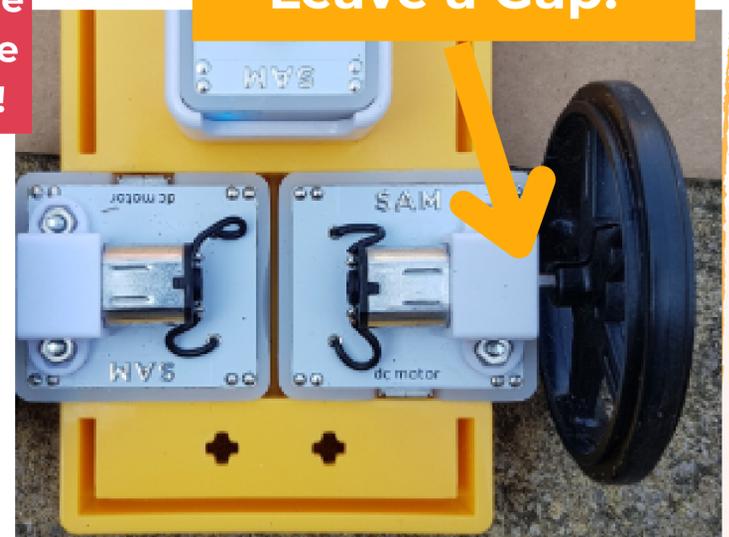
2

When the motor is off, line up the flat edge on the DC Motor axle with the flat edge of the opening on the wheel. Gently place the wheel onto the motor's axle. Be careful not to push too hard- there should be a gap between the wheel and the motor.



Disconnect the motor from your code to ensure that it doesn't spin while you connect the wheel!

Leave a Gap!



3

Avoid turning the wheel by hand once it's attached to the motor. Also, avoid holding the wheel still once the motor is spinning.

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