



## Diecast Hotwheels simple start gate

 PlayRobotics

[VIEW IN BROWSER](#)

updated 12. 4. 2022 | published 19. 8. 2021

### Summary

This is a simple mechanical start gate for HotWheels / Diecast 1/64 cars.  
Designed by PlayRobotics.

---

[Hobby & Makers](#) > [RC & Robotics](#)

---

Tags: [hotwheels](#)

---

This is a simple mechanical start gate for HotWheels / Diecast 1/64 cars.  
Designed by PlayRobotics.

This gate is really simple to print and assemble. In addition to the printed parts you will only need two M3 screws (20mm & 12mm long).

The assembly process is shown in the photos , support is not needed when printing.

The gate can be used with regular HotWheels orange tracks.

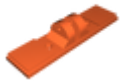
The start line should of course be higher than the finish line, so place the start gate on a box or something similar. If you are building some kind of construction for your race track, the start gate can be mounted with screws (last photo).

See it in action: <https://youtu.be/cNUS8dx58TE>

If you are looking for more advanced electronic start gate and race track ,  
check <https://playrobotics.com>

Enjoy!

## Model files



**start-gate-base.stl**



**start-gate-front.stl**



**start-gate-lift.stl**

[Find source .stl files on Thingiverse.com](#)

## License ©

This work is licensed under a  
[Creative Commons \(4.0 International License\)](#)



**Attribution-NonCommercial**

- 
- ✗ | Sharing without ATTRIBUTION
  - ✓ | Remix Culture allowed
  - ✗ | Commercial Use
  - ✗ | Free Cultural Works
  - ✗ | Meets Open Definition