



Simple Ice Scraper With Optional Magnetic Holder



JackTheBlack24

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Summary

Made this for the contest and have already used it and it works great! The one shown in the GIF is printed at 150% scale

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Tags: [window](#) [ice](#) [car](#) [winter](#) [scraper](#) [windshield](#) [cars](#)
[icescraper](#) [defrosting](#)

Made this for the contest to challenge myself a little bit in modelling software :)

I want to say it works great for something I printed and was able to use on my car less than an hour later!

I always had problems with generic scrapers slipping out of my hands when the ice dust melts so these nicely filleted teeth make it very grippy and comfortable to hold even with a glove.

I printed it with Bambu's PETG-CF at 100% infill and the original scale model took just 45min.

You can scale it to 150% for bigger coverage and easier grip for those with larger hands :)

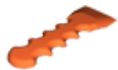
The 150% scale one will take about 2h15min with adaptive layers set to 0.50 Quality/Speed.

UPDATE:

- Added a Magnetic version of the scraper and a holder for it using 10x2mm magnets you can find on AliExpress using this link. The magnets I received are actually 10x1.6mm... →https://www.aliexpress.com/item/1005002849121641.html?spm=a2g0o.order_list.order_list_main.145.18ee1802Q9QgRP
- I also added the 150% Scale version which utilizes the same magnets!

I'm open to any suggestions about the design and adjusting it to work better for you.

Model files



ice-scraper-without-holes-for-magnets.stl

☐ Purely for preview



ice-scraper-without-holes-for-magnets.step

☐ USE FOR PRINTING



ice-scraper-magnetic-holder.stl

☐ Purely for preview



ice-scraper-150-magnetic-holder.stl

☐ Purely for preview



ice-scraper-magnetic-150-scale.stl

☐ Purely for preview



ice-scraper-magnetic.stl

☐ Purely for preview



ice-scraper-with-magnetic-base-150-scale.step

☐ USE FOR PRINTING



ice-scraper-with-magnetic-holder.step

☐ USE FOR PRINTING



ice-scraper-magnetic-full.stl

☐ Purely for preview



ice-scraper-150-scale-magnetic-full.stl

☐ Purely for preview

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