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description: History of the L5C method for the 2x2x2 puzzle.

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import ReconViewer from "@site/src/components/ReconViewer";

import YouTube from "@site/src/components/YouTube";

import ImageCollage from '@site/src/components/ImageCollage';

# L5C

<ReconViewer

puzzle="2x2x2"

scramble="R U R' U2 F R' F' R2 U R'"

solution={`R U' R2 F R F' U2 R U' R' // L5C

`}

/>

## Description

\*\*Proposer:\*\* Various

\*\*Proposed:\*\* Numerous

\*\*Developer:\*\* [Will Callan](CubingContributors/MethodDevelopers.md#callan-will), [Jacob McGruddy](CubingContributors/MethodDevelopers.md#mcgruddy-jacob)

\*\*Steps:\*\*

1. Solve three bottom layer corners.

2. Solve the remaining five corners.

[Click here for more step details on the SpeedSolving wiki](https://www.speedsolving.com/wiki/index.php?title=1LLS)

## Origin

The idea for solving five remaining corners has been suggested by various members of the online community since the early 2000s [1, 2, 3, 4, 5].

![](img/L5C/OldIdea1.png)

![](img/L5C/OldIdea2.png)

https://www.speedsolving.com/threads/quadleaks-the-gosbee-notice-i-said-the-way-i-do-it-and-not-my-method-method.26423/

![](img/L5C/OldIdea3.png)

https://www.speedsolving.com/threads/does-anyone-else-do-this-for-2x2-solve-3-corners-winter-variation-permute.26983/#post-522498

![](img/L5C/OldIdea4.png)

https://www.speedsolving.com/threads/the-new-method-substep-concept-idea-thread.40975/post-1226463

![](img/L5C/OldIdea5.png)

https://www.speedsolving.com/threads/the-new-method-substep-concept-idea-thread.40975/post-1232297

## Development

In February, 2018 Will Callan began development of the L5C algorithm set [6]. Development was completed in April, 2023 by Callan, with some algorithms developed by Jacob McGruddy [7].

![](img/L5C/Dev1.png)

![](img/L5C/Dev2.png)

# References

|  |  |
| --- | --- |
| [1] | J. Enget, "Re: Back to cubing! What is everyone doing after WC 2003?," Yahoo! Groups - Speed Solving Rubik's Cube, 24 October 2003. [Online]. |
| [2] | D. Gosbee and R. Smith, "QuadLeaks & The Gosbee "notice i said the way i do it and not my method" Method," SpeedSolving.com, 30 December 2010. [Online]. Available: https://www.speedsolving.com/threads/quadleaks-the-gosbee-notice-i-said-the-way-i-do-it-and-not-my-method-method.26423/. |
| [3] | V. Sheu and E. Jernqvist, "Does anyone else do this for 2x2? Solve 3 corners, Winter Variation, Permute," SpeedSolving.com, 23 January 2011. [Online]. Available: https://www.speedsolving.com/threads/does-anyone-else-do-this-for-2x2-solve-3-corners-winter-variation-permute.26983/post-521650. |
| [4] | Thermex, "The New Method / Substep / Concept Idea Thread," SpeedSolving.com, 28 March 2017. [Online]. Available: https://www.speedsolving.com/threads/the-new-method-substep-concept-idea-thread.40975/post-1226463. |
| [5] | M. Manning, "The New Method / Substep / Concept Idea Thread," SpeedSolving.com, 30 April 2017. [Online]. Available: https://www.speedsolving.com/threads/the-new-method-substep-concept-idea-thread.40975/post-1232297. |
| [6] | W. Callan, "2x2 Discussion and Help," SpeedSolving.com, 14 February 2018. [Online]. Available: https://www.speedsolving.com/threads/2x2-discussion-and-help.47534/post-1277347. |
| [7] | Various, "Best 2x2 Algs," Google Sheets, 2018. [Online]. Available: https://docs.google.com/spreadsheets/d/1OFXakCV85Mp2zsQBXMxiMX9a506JeAcLnUXZr8FgXAY/edit#gid=1686689488. |