





Phillip Espinoza's Cross on Left Guide

Arranged by Andy Klise

You must solve the cross *on the left* first. It can be done in ≤ 6 moves ~82% of the time and ≤ 7 moves 99.95% of the time
 These are just optimal example solves; F2L should be solved intuitively.
 Try to insert F2L pairs into the Down-Left corner slot with D-moves whenever possible







Easy Cases (1-4)

	$x R U R' U'$ [x] F R U R' U' F' – DF slot open Use (z' y' R' F R F') if no U face edges are oriented properly on final slot	$R' U' R U$ Use (z' y' F R' F' R) if no U face edges are oriented properly on final slot	
	$U' R' U$ Note – this image is green and red because no cube rotation is required	$x U R U'$ Note – this image is blue and red because a cube rotation is required	





Reposition Edge (5-8)

	$I' U R U' R' U R^2 U'$	$R U' R' U R^2 U' R U$	
	$I' U R^2 U' R^2 U R' U'$	$R U' R^2 U R^2 U' R U$	





Reposition Edge and Flip Corner (9-14)

	$R^2 U' R U R U' R' U$	$R U' R U I' U R U'$	
	$R' U' R U (R U' R' U)^2$	$R U' R^2 U I' U R U'$	
	$R U' R U R' U' R' U$	$I' R' U R' U' R U R U'$	

Split Pair by Going Over (15-18)

	$U' R U (R' I') U R U'$ F U R U' R' F' – BL slot open	$F R' F' R^2 U' R' U$	
	$x U R^2 U' R' U R U'$	$U' R^2 U R U' R' U$	

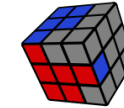





Pair Made on Side (19-22)

	$x R U R^2 U' R U R' U'$	$R' U' R^2 U R' U' R U$	
	$(I' R') U R^2 U' R U R' U'$	$R^2 U' R' U R' U' R U$	







Weird (23-24)

	$U' R' U I' U R' U' R U R' U'$	$U' R' U R^2 U' R' U R U' R' U$	
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Corner in Place, Edge in U Face (25-30)

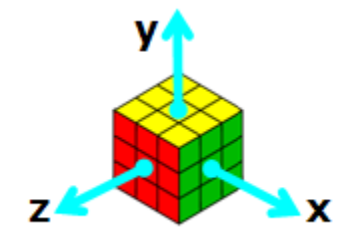
	$R' U' R U x R U R' U'$	$x R U R' U' x' R' U' R U$	
	$x U R' U' R U R' U'$	$(U' R U R') U' R U$	
	$(U' R' U R) U' R' U$	$x U R U' R' U R U'$ $[R] F (R U R' U')^2 F' – BL open$	

Edge in Place, Corner in U face (31-36)

	$U' R U I' U R' U'$	$(U' R' U R)^4$ $[x' U^2] F' R U' R' U R' F$	
	$R' U' R' U R^2 U' R' U$	$R U' R U R^2 U' R U$	
	$I' U R U' I U' R' U$	$R U' R' U I' U R U'$	

Edge and Corner in Place (37-42)

	Solved Pair	$(U' R U R')^2 x (U R U' R')^2$	
	$U' R U R' U' R^2 U R' U' R U$	$U' R' U R U' R^2 U R U' R' U$	
	$U' R U (I' R') U R U' R U R' U'$	$U' R U R U' R U I' U R U'$	



Credits

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