


F2L Speedcubing Guide 2016

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<https://github.com/pr0jectile/speedcubingguides>

You must solve the cross first. It can be done in 6 moves or less ~82% of the time and ≤7 moves 99.95% of the time. These are just optimal example solves; F2L should be solved intuitively.


Easy Cases (1-4)

1




U (R U' R')
Use (R' F R F') if no U face edges are oriented properly on last slot

3




y (L' U' L)
Note: this image is blue and red because a cube rotation is required

2



y U' (L' U L)
Use (F R' F' R) if no U face edges are oriented properly on last slot


4



(R U R')
Note: this image is red and green because no cube rotation is required


Reposition Edge (5-8)

5




(U' R U R') U2 (R U' R')

7




U' (R U2 R') U2 (R U' R')

6



d (R' U' R) U2 (R' U R)


8



d (R' U2 R) U2 (R' U R)


Reposition Edge & Flip Corner (9-14)

9




U' (R U' R' U) (F' U' F)

11




U' (R U2 R') U (F' U' F)

13




y' U (R' U R U') (R' U' R)

10




U' (R U R' U) (R U R')

12



(R U' R' U) (R U' R') U2 (R U' R')


14



U' (R U' R' U) (R U R')


Split Pair by Going Over (15-18)

15




(R U R') U2 (R U' R' U) (R U' R')

17




(R U2 R') U' (R U R')

16



(R U' R') U2 (F' U' F)


18



y' (R' U2 R) U (R' U' R)


Pair Made on Side (19-22)

19




U (R U2 R') U (R U' R')

21




(R U' R') U2 (R U R')

20



y' U' (R' U2 R U') (R' U R)


22



F' (L' U2 L) F

Weird (23-24)

23

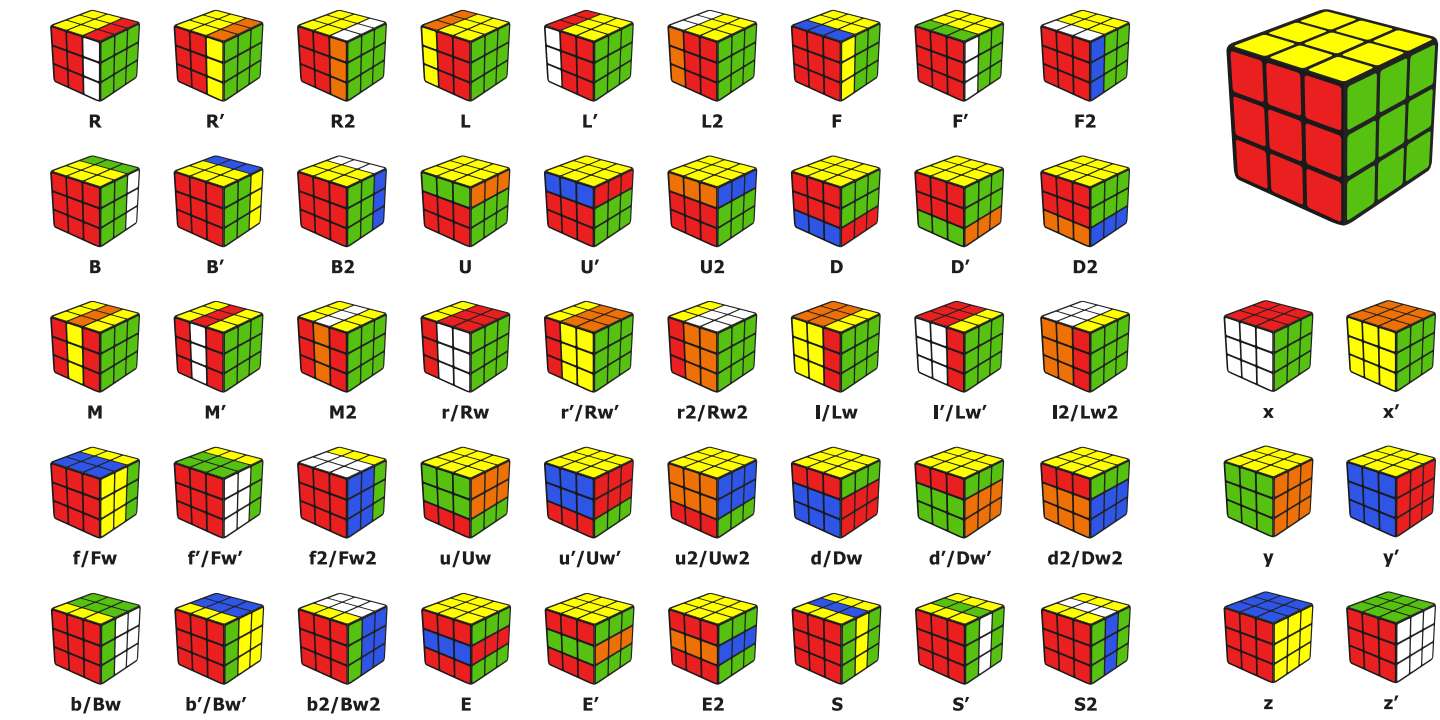


(R U R') U2 (R U R' U') (R U R')

24




F U (R U' R') F' (R U' R')




Corner in Place - Edge in U Face (25-30)

25




(R' U' R' U' R') (U R U R)

27




(R U' R' U) (R U' R')

29




y' (R' U' R U) (R' U' R)

26




y' (R' U' R' U' R') (U R U R)

28



y' (R' U R U') (R' U R)

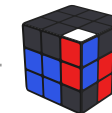
30



(R U R' U') (R U R')


Edge in Place - Corner in U Face (31-36)

31




U' (R' F R F') (R U' R')

33




(U' R U' R') U2 (R U' R')

35




(U' R U R') U (F' U' F)

32




(R U R' U') (R U R' U') (R U R')

34



U (R U R') U2 (R U R')


36



U2 (R' F R F') U2 (R U R')


Edge & Corner in Place (37-41)

0




Solved Pair

38




(R U R' U') (R U2 R' U') (R U R')

40




(R U' R') F (R U R' U') F' (R U' R')

37




R2 U2 F R2 F' U2 R' U R'

39



(R U R') U2 (R U' R' U) (R U R')

41



(R U R' U') (R U' R') U2 y' (R' U' R)