

F2L 1



	F2L	<u>U (R U' R')</u>	
			X]

F2L 2



	F2L	<u>y' U' (R' U R)</u>	
			X]

	F2L	<u>R' F R F'</u>	
			X]

	F2L	<u>F R' F' R</u>	
			X]

	F2L	<u>U2 (R U2 R')</u>	
			X]

	F2L	<u>d' L' U L</u>	
			X]

	F2L	<u>r U R' U' M</u>	
			X]

	F2L	<u>(U2) 1 R U' R' U 1'</u>	
			X]

	F2L	<u>(U') F R' F' R2 U' R'</u>	
			X]

F2L 3



	F2L	<u>y' (R' U' R)</u>	
			X]

F2L 4



	F2L	<u>(R U R')</u>	
			X]

	F2L	<u>y (L' U' L)</u>	
			X]

	F2L	<u>(U2) L (R U' R') U L'</u>	
			X]

			X]				X]
--	--	--	----	--	--	--	----

	F2L	F' U' F	
			X]

	F2L	U M R U' R' U M'	
			X]

	F2L	U r' R2 U' R' U M'	
			X]

Reposition Edge

F2L 5



	F2L	(U' R U R') U2 (R U' R')	
			X]

F2L 6



	F2L	d (R' U' R) U2' (R' U R)	
			X]

	F2L	(U' R U R') U (R' F R F')	
			X]

	F2L	y' (U R' U' R) U2 (R' U R)	
			X]

	F2L	F2 (L' U' L U) F2	
			X]

	F2L	y' (U R' U' R) U' y (F R' F' R)	
			X]

	F2L	U' (r U' R' U) (R U r')	
			X]

	F2L	R2 (B U B' U') R2	
			X]

F2L 7

F2L 8



	F2L	<u>U' (R U2' R') U2 (R U' R')</u>	 X]
---	-----	-----------------------------------	---



	F2L	<u>d (R' U2 R) U2' (R' U R)</u>	 X]
---	-----	---------------------------------	---

	F2L	<u>M' U' M U2 r U' r'</u>	 X]
---	-----	---------------------------	---

	F2L	<u>y' U (R' U2 R) U2 (R' U R)</u>	 X]
---	-----	-----------------------------------	---

	F2L	<u>(r' U2) (R2 U R2 U r)</u>	 X]
---	-----	------------------------------	---

Reposition Edge and Flip Corner

F2L 9



	F2L	<u>d (R' U' R U')(R' U' R)</u>	 X]
---	-----	--------------------------------	---

F2L 10



	F2L	<u>U' (R U R' U)(R U R')</u>	 X]
---	-----	------------------------------	---

	F2L	<u>y2 U' (L U' L') d (L' U' L)</u>	 X]
---	-----	------------------------------------	---

	F2L	<u>R d' R U R' U2 F'</u>	 X]
---	-----	--------------------------	---

	F2L	<u>U r U R' U' R2 r' U' R'</u>	 X]
---	-----	--------------------------------	---

	F2L	<u>U' R U' R' U2 M R U' R' U M'</u>	 X]
---	-----	-------------------------------------	---

	F2L	<u>F (R U R' U') F' R U' R'</u>	 X]
---	-----	---------------------------------	---

			X]
--	--	--	----

F2L 11



	F2L	<u>U' (R U2' R') d (R' U' R)</u>	 [X]
---	-----	----------------------------------	---

F2L 12



	F2L	<u>R U' R' U R U' R' U2 R U' R'</u>	 [X]
---	-----	-------------------------------------	---

	F2L	<u>(y) L' d L' U2 L U2 F</u>	 [X]
---	-----	------------------------------	---

	F2L	<u>d (R' U2 R) d' (R U R')</u>	 [X]
---	-----	--------------------------------	---

	F2L	<u>U' R U2 R' U2 M R U' R' U</u> <u>M'</u>	 [X]
---	-----	---	---

	F2L	<u>R U2 R' U2' R U2' R' U2' R</u> <u>U' R'</u>	 [X]
---	-----	---	---

	F2L	<u>R' U2 R2 U R2 U R</u>	 [X]
---	-----	--------------------------	---

	F2L	<u>y (F U') (R U2 R' U2') F'</u>	 [X]
---	-----	----------------------------------	---

F2L 13



	F2L	<u>d (R' U R U')(R' U' R)</u>	 [X]
---	-----	-------------------------------	---

F2L 14



	F2L	<u>U' (R U' R' U)(R U R')</u>	 [X]
---	-----	-------------------------------	---

	F2L	<u>y' U (R' U R U')(R' U' R)</u>	 [X]
---	-----	----------------------------------	---

Split Pair by Going Over

F2L 15



	F2L	<u>M U L F' L' U' M'</u>	
			X]

F2L 16



	F2L	<u>(R U' R' U) d (R' U' R)</u>	
			X]

	F2L	<u>U (R' F R F') U (R U R')</u>	
			X]

	F2L	<u>(R U' R') U2 (F' U' F)</u>	
			X]

	F2L	<u>y' (R' U R U') d' (R U R')</u>	
			X]

	F2L	<u>y (L' U L) U2 y' (R U R')</u>	
			X]

	F2L	<u>R U2 R' U R U' R' U' R'</u>	
			X]

	F2L	<u>R U R' U2 R U' R' U R U' R'</u>	
			X]

	F2L	<u>R U' R U2' R2' U' R2 U' R2'</u>	
			X]

Front left slot open: U (R U' R') D (R U' R') D'

F2L 17



F2L 18



	F2L	<u>(R U2 R') U' (R U R')</u>	 [X]
---	-----	------------------------------	---

	F2L	<u>y' (R' U2 R) U (R' U' R)</u>	 [X]
---	-----	---------------------------------	---

	F2L	<u>y (L' U2 L) U (L' U' L)</u>	 [X]
---	-----	--------------------------------	---

	F2L	<u>(R U R' U') R U2 R' U y (L' U L)</u>	 [X]
---	-----	---	---

	F2L	<u>(R U R' U') (R U R' U') F R' F' R</u>	 [X]
---	-----	--	---

Pair Made on Side

F2L 19



	F2L	<u>U R U2 R2 (F R F')</u>	 [X]
---	-----	---------------------------	---

F2L 20



	F2L	<u>U' F' U2 F2 (R' F' R)</u>	 [X]
---	-----	------------------------------	---

	F2L	<u>U (R U2 R') U (R U' R')</u>	 [X]
---	-----	--------------------------------	---

	F2L	<u>y' U' (R' U2 R) U' (R' U R)</u>	 [X]
---	-----	------------------------------------	---

	F2L	<u>y2 d' (R' U2 R) U' (R' U R)</u>	 [X]
---	-----	------------------------------------	---

F2L 21



	F2L	(R U' R') U2 (R U R')	 [X]
---	-----	---------------------------------------	---

	F2L	U2 (R U R' U) (R U' R')	 [X]
---	-----	---	---

	F2L	R B U2 B' R'	 [X]
---	-----	------------------------------	---

F2L 22



	F2L	y' (R' U R) U2 (R' U' R)	 [X]
---	-----	--	--

	F2L	F' L' U2 L F	 [X]
---	-----	------------------------------	---

	F2L	y' U2 (R' U' R U') (R' U R)	 [X]
---	-----	---	---

	F2L	y2 U' d' (R' U' R U') (R' U R)	 [X]
---	-----	--	---

Weird

F2L 23



F2L 24



	F2L	<u>U2 R2 U2 (R' U' R U') R2</u>	 [X]
---	-----	---------------------------------	---

	F2L	<u>U F' L' U L F R U R'</u>	 [X]
---	-----	-----------------------------	---

	F2L	<u>U (F R' F' R) U (R U R')</u>	 [X]
---	-----	---------------------------------	---

	F2L	<u>y' (R' U' R U) U (R' U' R U) (R' U' R)</u>	 [X]
---	-----	---	---

	F2L	<u>U R U' R' U' R U' R' U R U' R'</u>	 [X]
---	-----	---------------------------------------	---

	F2L	<u>y' U2 R2 U2 (R U R' U) R2</u>	 [X]
---	-----	----------------------------------	---

	F2L	<u>(R U R' U') U' (R U R' U')(R U R')</u>	 [X]
---	-----	---	---

	F2L	<u>U' (R U) (R2' F R F') (R U' R')</u>	 [X]
---	-----	--	---

	F2L	<u>U2 F2 U2 (F U F' U) F2</u>	 [X]
---	-----	-------------------------------	---

	F2L	<u>F U (R U' R' F')(R U' R')</u>	 [X]
---	-----	----------------------------------	---

Corner in Place, Edge in U Face

F2L 25



F2L 26



	F2L	<u>d' (L' U L) d (R U' R')</u>	 [X]
---	-----	--------------------------------	---

	F2L	<u>U (R U' R') d' (L' U L)</u>	 [X]
---	-----	--------------------------------	---

	F2L	<u>y U' (L' U' L) U (F U F')</u>	 [X]
---	-----	----------------------------------	---

	F2L	<u>U (R U' R') U' (F' U F)</u>	 [X]
---	-----	--------------------------------	---

	F2L	<u>U' (F' U F) U (R U' R')</u>	 [X]
---	-----	--------------------------------	---

	F2L	<u>U (R U' R') (F R' F' R)</u>	 [X]
---	-----	--------------------------------	---

	F2L	<u>U' M' U R U' r' (R U R')</u>	 [X]
---	-----	---------------------------------	---

	F2L	<u>U R U (r' R U' R' U M')</u>	 [X]
---	-----	--------------------------------	---

	F2L	<u>R U2 R' U R U2 R' U2 R U' R'</u>	 [X]
---	-----	-------------------------------------	---

	F2L	<u>U R U' M' U R' U' M</u>	 [X]
---	-----	----------------------------	---

	F2L	<u>R U R' U2 R U R' U2 R U' R'</u>	 [X]
---	-----	------------------------------------	---

	F2L	<u>y (r U r' U') (r' F r F')</u>	 [X]
---	-----	----------------------------------	---

	F2L	<u>R' F' R U R U' R' F</u>	 [X]
---	-----	----------------------------	---

	F2L	<u>(U') F' R U R' U' R' F R</u>	 [X]
--	-----	---------------------------------	---

	F2L	<u>(R U' R' U') (R U' R' U) (R U R')</u>	 [X]
---	-----	--	---

	F2L	<u>y' (l' U' l U) (l F' l' F)</u>	 [X]
---	-----	-----------------------------------	---

	F2L	<u>(U) (R' U' R' U') R2 (U R U R)</u>	 [X]
---	-----	---------------------------------------	---

	F2L	<u>y U R' u' R U' R' U u R</u>	 [X]
---	-----	--------------------------------	---

If the back right slot is open:

	F2L	<u>R2 U' R' U R2</u>	 [X]
---	-----	----------------------	---

	F2L	<u>U D' R U' R' D</u>	
			X]

F2L 27



F2L 28



	F2L	<u>(R U' R' U)(R U' R')</u>	
			X]

	F2L	<u>(R U R' U') F R' F' R</u>	
			X]

	F2L	<u>(R U' R2)(F R F')</u>	
			X]

	F2L	<u>y' (R' U R U')(R' U R)</u>	
			X]

	F2L	<u>(R U R') U (F' U2 F)</u>	
			X]

	F2L	<u>R U2 l U' R' U l'</u>	
			X]

	F2L	<u>(R U R') U l2 F' l' U l'</u>	
			X]

	F2L	<u>(F' U F2)(R' F' R)</u>	
			X]

F2L 29



F2L 30



	F2L	<u>y' (R' U' R U)(R' U' R)</u>	
---	-----	--	---

	F2L	<u>(R U R' U')(R U R')</u>	
---	-----	--	---

			X]				X]
--	--	--	----	--	--	--	----

	F2L	<u>U2 (R U' R') y' (R' U' R)</u>	 X]		F2L	<u>U2 (F' U F)(R U R')</u>	 X]
---	-----	----------------------------------	---	---	-----	----------------------------	---

	F2L	<u>(R' F R F')(R' F R F')</u>	 X]
---	-----	-------------------------------	---

	F2L	<u>M' U R U' r' U (R U' R')</u>	 X]
---	-----	---------------------------------	---

Edge in Place, Corner in U face

F2L 31



F2L 32



	F2L	<u>(R U' R') d (R' U R)</u>	 X]		F2L	<u>(R U R' U')(R U R' U')(R U R')</u>	 X]
---	-----	-----------------------------	---	---	-----	---------------------------------------	---

	F2L	<u>(R U' R' U)(F' U F)</u>	 X]		F2L	<u>(U R U' R')(U R U' R')(U R U' R')</u>	 X]
---	-----	----------------------------	---	---	-----	--	---

	F2L	<u>U' R' F R F' R U' R'</u>	 X]		F2L	<u>U2 R d' R U R' d R'</u>	 X]
---	-----	-----------------------------	---	---	-----	----------------------------	---

	F2L	<u>R U' l U' R' U l'</u>	 X]		F2L	<u>U R d' R U2 R' d R'</u>	 X]
---	-----	--------------------------	---	---	-----	----------------------------	---

	F2L	<u>F2 r U r' F R U' R'</u>	 X]		F2L	<u>R2 U R2 U R2 U2 R2</u>	 X]
---	-----	----------------------------	---	---	-----	---------------------------	---

	F2L	U2 R2 U2 R2 U' R2 U' R2	
			X]

F2L 33



F2L 34



	F2L	(U' R U' R') U2 (R U' R')	
			X]

	F2L	U' (R U2' R') U (R U R')	
			X]

	F2L	y U' (L' U' L) U2 (L' U' L)	
			X]

	F2L	U (R U R') U2 (R U R')	
			X]

	F2L	d (R' U R) U2 (R' U R)	
			X]

F2L 35



F2L 36



	F2L	(U' R U R') d (R' U' R)	
			X]

	F2L	d (R' U' R) d' (R U R')	
			X]

	F2L	U2 (R U' R') U' (F' U' F)	
			X]

	F2L	y U2 (L' U L) U (F U F')	
			X]

	F2L	U M' U R U' r' R U' R'	
			X]

	F2L	U F' U' F U' (R U R')	
			X]

	F2L	U2 (R' F R F') U2 (R U R')	

			X]
--	--	--	----

Edge and Corner in Place

F2L 37



Solved

F2L 38



	F2L	(R' F R F') (R U' R' U) (R U' R' U2) (R U' R')	 [X]
---	-----	--	---

	F2L	(R U' R') d (R' U2 R) U2' (R' U R)	 [X]
---	-----	--	---

	F2L	(R U R') U2 (R U2 R') d (R' U' R)	 [X]
--	-----	---	---

	F2L	(R2 U2) (F R2 F') (U2 R' U R')	 [X]
---	-----	--	---

F2L 39



F2L 40



	F2L	(R U' R') U' (R U R') U2 (R U' R')	 [X]
---	-----	--	---

	F2L	(R U' R' U)(R U2' R') U (R U' R')	 [X]
---	-----	---	---

	F2L	y (L' U' L) U2 (L' U L U')(L' U' L)	 [X]
---	-----	---	---

	F2L	(R U R') U2 (R U' R' U)(R U R')	 [X]
---	-----	---	---

	F2L	(R U R' U') (R U2 R') U' (R U R')	 [X]
---	-----	---	---

	F2L	(R U2) (R U R' U) (R U2 R2')	 [X]
---	-----	--	---

	F2L	<u>(R U' R') d (R' U2 R U2') (R' U' R)</u>	 [X]
---	-----	--	---

F2L 41



F2L 42



	F2L	<u>(R U' R') d (R' U' R U')(R' U' R)</u>	 [X]
---	-----	--	---

	F2L	<u>(R U' R' U) d (R' U' R U') (R' U R)</u>	 [X]
---	-----	--	---

	F2L	<u>R U' R' U' R U' R' d R' U' R</u>	 [X]
---	-----	-------------------------------------	---

	F2L	<u>(R U' R' U2) y' (R' U' R U' R' U R)</u>	 [X]
---	-----	--	---

	F2L	<u>y (L' U' L U)(L' U L) U2 (F U F')</u>	 [X]
---	-----	--	---

	F2L	<u>(R U R' U') (R U' R') U2 (F' U' F)</u>	 [X]
---	-----	---	---

	F2L	<u>(R U' R) y (U R U' R') y' R2</u>	 [X]
---	-----	-------------------------------------	---

	F2L	<u>y (L' U L) d' (L U L' U) (L U L')</u>	 [X]
---	-----	--	---

	F2L	<u>R2 y (R U R' U') y' (R' U R')</u>	 [X]
---	-----	--------------------------------------	---

	F2L	<u>(R U' R')(F' L' U2 L F)</u>	 [X]
---	-----	--------------------------------	---