

Number/Name	Diagram	Algorithm(s) (Recommended)	Number/Name	Diagram	Algorithm(s) (Recommended)
1 "A (a)"		$x [(R' U' R) D2] [(R U' R') D2] R2$ (l' U' R') D2 (R U' R') D2 R2 To Create From Solved State: Use Your "A (b)" Algorithm	12 "Y"		$[F (R U') (R' U' R U) (R' F)] [(R U R' U') (R' F R F)]$ Note: "Kite" + "Long T" To Create From Solved State: $[F(R U')(R' U' R U)(R' F)][(R U R' U')(R' F R F)]$
2 "A (b)"		$x R2 D2 [(R U' R) D2] (R U' R)$ $y x[(R U' R) D2] [(R' U R) D2] R2$ To Create From Solved State: Use Your "A (a)" Algorithm	13 "R (b)"		$(R' U2) (R U2) (R' F) (R U R' U') (R' F) (R2 U')$ To Create From Solved State: $(R' U2) (R U2) (R' F) (R U R' U') (R' F) (R2 U')$
3 "U (a)"		$(R U' R U) (R U) (R U') (R' U') R2$ To Create From Solved State: $(R2 U) (R U R' U') (R' U') (R' U R')$	14 "R (a)"		$(R U2) (R' U2) (l' U') (l' U' R U) (l' U) (R2 F)$ $(R U2) (R' U2) (R B') (R' U' R U) (R B) (R2 U)$ $y2 (L U2) (L' U2) (L F L' U') (L U) (L F) (L2 U)$ To Create From Solved State: Use Your Solution Algorithm
4 "U (b)"		$(R2 U) (R U R' U') (R' U') (R' U R')$ To Create From Solved State: $(R U' R U) (R U) (R U') (R' U') R2$	15 "V"		$(R' U R' d') (R' F) (R2 U' R' U) (R' F R F)$ $y (l' U R) (U' L U L) (U R' U' L) (U2 R) (U2 R)$ To Create From Solved State: Use Your Solution Algorithm
5 "H"		$(M2 U) (M2 U2) (M2 U) M2$ To Create From Solved State: $(M2 U) (M2 U2) (M2 U) M2$	16 "F"		$(R' U2 R' d') (R' F) (R2 U' R' U) (R' F R U' F)$ $(R' U2 R' d') x (l' U R' U') (l' R U') (R' U) (l' U' F)$ $y' (l' U F) (r U R') (L' U L U') (l' U' R') (U L' U' F)$ $y' (R B U') (L U R') (L' U L U') (R B' R') (B L' B' U)$ To Create From Solved State: Use Your Solution
6 "Z"		$U2 [(R U R' U) (R' U' R' U) (R U' R' U') R2 U R]$ Note: U2 Can Be Moved To The End $(M2 U) (M2 U) (M' U2) (M2 U2) (M' U2)$ To Create From Solved State: Use Your Solution Algorithm	17 "G (a)"		$(R2 u) (R' U R' U' R u) R2 y' (R' U R)$ To Create From Solved State: $(R' U' R) y (R2 u R' U) (R U' R u' R2)$
7 "E"		$x' [(R U' R) D (R U R')] u2 [(R' U R) D (R' U' R)] x'$ $x' [(R U' R) D (R U R')] D2 [(L' U L) D (L' U' L)]$ To Create From Solved State: Use Your Solution Algorithm	18 "G (b)"		$(R' U' R) y (R2 u R' U) (R U' R u' R2)$ To Create From Solved State: $(R2 u) (R' U R' U' R u) R2 y' (R' U R)$
8 "T"		$(R U R' U') (R' F) (R2 U') (R' U' R U) (R' F)$ To Create From Solved State: $(R U R' U') (R' F) (R2 U') (R' U' R U) (R' F)$	19 "G (c)"		$(R2 u' R U') (R U R' u R2) y (R U' R')$ To Create From Solved State: $(R U R') y' (R2 u' R U') (R' U R' u R2)$
9 "J (b)"		$(R U R' F) [(R U R' U') (R' F) (R2 U') (R' U')]$ Note: It's Just T Perm After (R U R' F) EASY! To Create From Solved State: $(R U R' F) [(R U R' U') (R' F) (R2 U') (R' U')]$	20 "G (d)"		$(R U R') y' (R2 u' R U') (R' U R' u R2)$ To Create From Solved State: $(R2 u' R U') (R U R' u R2) y (R U' R')$
10 "J (a)"		$(R' U L') U2 (R U' R') U2 (R L U')$ To Create From Solved State: $(R' U L') U2 (R U' R') U2 (R L U')$	21 "N (a)"		$(R U') (R' U) (l' U) (F U') (R' F) (R U' R U) (l' U R')$ To Create From Solved State: $(R U') (R' U) (l' U) (F U') (R' F) (R U' R U) (l' U R')$
11 "N (b)"		$\{[(R' U L') U2 (R U' L)] [(R' U L') U2 (R U' L)]\} U'$ Note: U' At The End Can Be U In The Front To Create From Solved State: $\{[(R' U L') U2 (R U' L)] [(R' U L') U2 (R U' L)]\} U'$			

For G's, two corners will be correctly oriented and in place. Put those corners on your L face. Find the pair. Now you know which G you have. The pair will be two squares without arrows in the diagram.