

# OA-INSERTS

OA Inserts (pronounced Oh-Inserts), meaning Ottozing (Jayden McNeil)/Ari Inserts and more importantly, *Opposite Inserts*. These inserts/solutions are an alternative to lefty inserts, where instead of L/U gen moves, the case is solved with RUF or RFD gen moves. (Some cases may have the occasion U or D move). Some cases may even be only 2 gen without L moves.

The background of each case is an indicator of the “worth” of doing the case instead of rotating. If the background **green**, it is “worth” it. If it’s **yellow**, it’s worth is debatable. If it’s **red**, it is better to rotate or do the case with lefty moves instead.

## Section 1: Basic F2L

### 41 Basic Cases

#### Section 1A

BOTH PIECES ON TOP









#### White Sticker Faces Up

	<b>F R U2 R' F'</b> <b>U2 F R' F R F2</b> <b>y' R U' R' U2 R U R'</b>		<b>R' F2 D R2 U' R2 D' R</b> <b>U2 R' U' R' F R U F' R</b> <b>L' U L U2 L' U' L</b>
	<b>U F U R' F R F2</b> <b>R U R' U' R' F R U2 F'</b> <b>y' (R U' R' U) (R U' R' U) R U R'</b>		<b>U F U R U' R2 F R F2</b> <b>(L' U L U') (L' U L U') L' U' L</b>
	<b>R D2 R' F U' F' R D2 R'</b> <b>y' U (F R' F' R) U (R U R')</b>		<b>U2 F R U R2 F R F2</b>
	<b>F U2 F' U' F U F'</b>		<b>R2 F2 R F' U2 F R' F2 R2</b>

#### White Sticker Faces Side/Front



	<b>U' F R U R' F'</b> <b>U' L' U L</b> <b>L F' L' F</b>		<b>U F U' F'</b> <b>y' U R U' R'</b> <b>y' F R F'</b>
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	$R' F' U' F2 U F' R$ $U' L' U2 L U2 L' U L$		$F U R U2 R' U F'$ $y' U' R U2 R' U2 R U' R'$
	$U2 F R U R' U2 F'$ $y' U' R U R' U2 R U' R'$		$F2 R U R' U' F2$ $U L' U' L U2 L' U L$
	$F U2 R U R' U F'$ $F U R' F R F' U2 F'$ $y' M U (L F' L') U' M'$		$F U' R U' R' U2 F'$

## Section 1B

1 PIECE IN THE CORRECT SLOT







### Edge in the Slot



	$R D2 R' U2 R D2 R$ $U L' U L U2 L' U L$		$F R U' R' U R' F R F2$ $U L' U' L U' F U F'$
	$R' D R U' R' D' R$ $U2 F R U2 R' U2 F'$ $y' U' R U' R' U2 R U' R'$		$U' F R' F R F' U F'$ $U' (R U R') U y (L' U' L)$ $y U2 (F U' F') U' (L' U' L)$
	$F2 U F2 U F2 U2 F2$ $U D R2 U2 R2 D' F2 U' F2$ $(U' L' U L) (U' L' U L) (U' L' U L)$		$F U' F R' F' R F'$ $F2 R' F' R2 U R' F'$ $U' (R' F R F') (R U' R')$

### Corner in the Slot



	$U2 F2 R' F' R U2 F'$ $y' (R U R' U) (R U R' U)$		$U F U2 R U' R2 F R F2$ $U2 F U2 R U2 R2 F R F2$ $(L' U' L) U (L' U' L)$
	$U' F R U2 R' U F'$ $F U2 R' F R F2$ $y' (R U' R' U) R U' R'$		$F U2 F R' F' R F'$ $L' U L U' L' U L$
	$U R' F2 U' F U F2 R$ $y' U R' F2 U' F U F2 R$ $y' R' F' R U R U' R' F$		$U2 R' D' F2 D R2 U' R'$ $U (R U' R' U') y (L' U L)$

## Section 1C

BOTH PIECES IN THE CORRECT SLOT



	<p><math>F U^2 F U F' U F U^2 F^2</math></p> <p><b><math>R U^2 R' U R U' R' U' R U R'</math></b>  <b><math>(R U' R') U (R U^2 R') U (R U' R')</math></b></p>	<p><math>F^2 R U R' U' F' U F'</math></p> <p><math>y' (R U' R') (r U' r') U^2 (r U r')</math></p>
	<p><math>F U' R U^2 R' U' R U^2 R' F'</math></p> <p><math>(R U' R') U' (R U R') U^2 (R U' R')</math></p>	<p><b><math>F U' F U R U' R' F^2</math></b>  <b><math>F U^2 R U R^2 F R F^2</math></b></p> <p><math>y' (r U' r') U^2 (r U r') (R U R')</math></p>
	<p><b><math>R^2 F' R' D R D' F R F R</math></b></p> <p><math>y' R^2 U^2 F R^2 F' U' R' U R'</math></p>	