| 1 | 3Rw2<br>3Rw2<br>Rw2<br>B'<br>3Rw<br>U<br>Dw2<br>R<br>Lw' |   | BW<br>3FW'<br>D2<br>UW<br>DW<br>FW2<br>3UW<br>D2<br>L2 | Lw2<br>Lw2<br>L'<br>3Uw<br>Rw2<br>D<br>B<br>Dw2<br>D     | F'<br>Dw2<br>3Rw2<br>L<br>Bw<br>Dw2<br>Lw2<br>R         | R<br>BW<br>D2<br>B2<br>3Uw2<br>R<br>R<br>Uw2               | 3FW<br>UW<br>DW'<br>F<br>B'<br>LW'<br>RW<br>F'<br>3RW' | 3Uw2<br>F<br>Uw'<br>3Rw<br>3Rw'<br>F'<br>L<br>3Fw'<br>Dw | R<br>Bw2<br>L2<br>B2<br>Lw2<br>3Fw'<br>3Fw2<br>Dw2 |  |
|---|--|---|--|--|---|--|--|--|--|--|
| 2 | 3Rw2<br>R'<br>F<br>Dw2<br>R'<br>D<br>Bw2<br>D2<br>Dw2    | 3Uw<br>Fw2<br>U<br>3Rw'<br>B'<br>Uw<br>B2<br>Dw'<br>RW  | Uw 3Fw Rw' D2 3Rw' R2 L2 L2 Uw                         | FW DW F' 3UW' F' DW' FW' 3UW RW'                         | D2<br>3Uw2<br>3Fw'<br>L<br>Dw<br>L<br>D<br>Uw'<br>3Fw2  | 3Rw2<br>Rw'<br>3Uw'<br>3Rw<br>3Rw'<br>D'<br>L'<br>Lw2<br>F |  | Uw2<br>3Rw2<br>Lw'<br>3Uw'<br>U'<br>Bw'<br>Rw2<br>L      | B'<br>3Fw<br>Bw<br>F'<br>3Rw'<br>D2<br>R2<br>Rw2   |  |
| 3 | FW<br>L2<br>BW'<br>UW<br>B2<br>U'<br>B'<br>D2<br>R2      | BW<br>U2<br>B<br>D2<br>3Uw'<br>Lw2<br>FW<br>Rw2<br>3Fw2 | 3Uw'<br>Rw<br>3Uw<br>L<br>F'<br>U2<br>D2<br>R<br>3Rw'  | D2<br>L'<br>3FW<br>FW'<br>DW2<br>3UW'<br>FW'<br>B2<br>R2 | LW<br>F'<br>3Uw2<br>Dw'<br>3Uw<br>B<br>L2<br>Dw<br>3Uw' | D'<br>Dw2<br>R<br>Uw<br>B'<br>L<br>3Fw<br>L                | B'<br>Lw<br>Bw2<br>Bw<br>FW<br>U'<br>B<br>Fw<br>Rw2    | R 3Uw R2 F F2 F' R Lw2 U                                 | Uw2<br>Dw<br>Dw<br>Lw'<br>3Rw<br>D'<br>3Rw2<br>Bw2 |  |

## **Extra Scrambles**

| E1 | F2<br>L2<br>F2<br>3Fw2<br>Lw'<br>3Rw'<br>Lw'<br>R' | B'<br>3Fw'<br>Lw<br>3Rw2<br>R'<br>Rw2<br>Fw'<br>U        | Uw D' Dw2 D' 3Uw Dw 3Fw' L2 D                             | Lw' Lw L 3Fw' Uw2 B' Bw' D' 3Rw2                       | 3Rw' D' B2 Dw2 D2 RW B2 F' 3Uw'   | Rw' L' Fw2 U' Rw2 Dw2 Rw U2 U'                               | Uw' Rw' 3Uw 3Rw' 3Rw' Uw' Dw 3Fw 3Rw2                   | L'<br>3Uw<br>3Fw'<br>R2<br>FW<br>U<br>F'<br>3Rw2 | B'<br>Uw'<br>3Uw2<br>3Fw<br>3Uw'<br>3Rw2<br>B2<br>U2 |  |
|----|--|--|---|--|-----------------------------------|--|---|--|--|--|
| E2 | L<br>BW<br>D'<br>R<br>R<br>F<br>Uw<br>FW<br>3FW    | Dw2<br>Rw'<br>Bw2<br>3Uw'<br>B<br>R2<br>U2<br>3Rw<br>Rw2 | U2<br>3Uw'<br>Dw2<br>3Rw<br>3Rw<br>Uw'<br>B'<br>Lw2<br>R' | L2<br>3Rw'<br>Bw<br>L2<br>Rw<br>B'<br>3Uw2<br>Fw2<br>D | 3Rw' D2 D' R2 3Fw2 3Uw' Lw2 U' Bw | Rw2<br>3Fw'<br>Uw<br>Rw<br>Uw<br>3Rw'<br>Uw'<br>3Fw2<br>3Rw2 | Dw2<br>L'<br>3Fw<br>Lw'<br>F<br>D<br>3Fw2<br>3Rw2<br>Lw | Fw' Uw U2 F2 B' U' 3Rw D' 3Uw2                   | R<br>Lw2<br>Bw2<br>Rw2<br>D2<br>Bw2<br>Lw<br>Fw'     |  |