Rubik 3x3x3 Latch Cube

Designed by Katsuhiko Okamoto, purchased in Japan, 2010.
(plastic, 2.2 inches square)

Like a standard Rubik’s 3x3x3 cube but movement is restricted so that a face may only turn in the direction of the arrows. When solved, all faces have consistent arrows and can rotate only in the indicated direction. When mixed up, some faces may have no arrows (and can rotate in either direction) and some faces may have arrows in both directions (and cannot be rotated in either direction). Here are box back and the other three sides:

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