Pandora's Box

a.k.a. Internal Combustion

Designed by Tado Muroi early 1990's.

(left: "Pandora's Box", Mr. Puzzle Australia, Queensland Blackbean, 3.5x3.5x2.25";
right: "Internal Combustion", Bits and Pieces, Aluminum, 2.25" x 2.25" x 1.5";
described in Boardman's book)

Four burr pieces (two of which are identical) in a frame. Below is a 9-step assembly (6 steps to remove the first piece) based on the piece orientations shown on the right above (except in the photo above the left two have been flipped upside-down for better viewing):

1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 
9.

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The Solution Sold With Pandora's Box

A 12-step assembly where the piece labeled 3 is reversed from the 9-step assembly shown on the preceding page:

Diagram 1
If you're still working on getting it apart you can always do these steps in reverse. Note: when the box is together Block 3 is the only block that will move. From this you should be able to orientate the puzzle as in Diagram 4 and work backwards.

Diagram 2
- Slide Block 1 in leaving it 15mm short - out of box.
- Slide Block 2 in under Block 1 and 15mm past and out of the box on the other side.
- Slide Block 3 in over Block 2 and next to Block 1 leaving it 15mm short - out of the box.
- Slide Block 4 in under Block 3 and next to Block 2 leaving it 45mm short - out of the box.

Diagram 3
- Slide Block 3 in a further 15mm - it should now be flush inside the box.
- Slide Block 2 in a further 15mm - it should now be flush inside the box.
- Slide Block 1 in a further 15mm - it should now be flush inside the box.
- Slide Block 4 in a further 10mm - it should now be 30mm outside the box.

Diagram 4
- Slide Block 3 15mm back out of the box.
- Slide Block 2 15mm back out of the box. BE CAREFUL, it will slide further.
- Slide Block 1 15mm back out of the box.
- Slide Block 4 a further 30mm - it should now be flush inside the box.
- Slide Block 1, then Block 2 and then Block 3 15mm push back inside the box.

and IT'S DONE!
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A 15-step assembly (see also the Boardman book):

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