

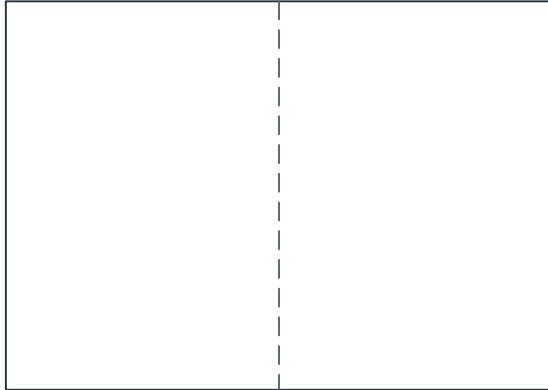
# V-Fold Platform pop-up mechanism project

ex2-1196 / LETTER / Parts overview - NOT A CUTTING SHEET

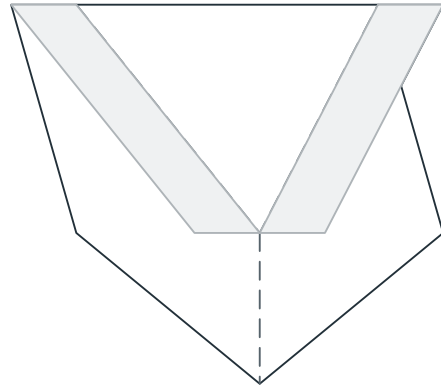
---

USE THE FOLLOWING PATTERN SHEETS AT ACTUAL SIZE.

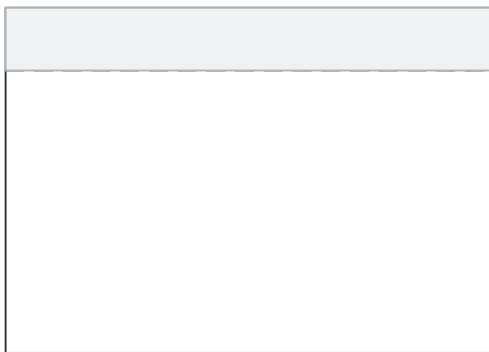
These miniature views identify the supplied patterns; they are deliberately reduced.



1. Pattern 1



2. Pattern 2

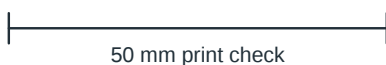


3. Pattern 1

3 pattern sheets supplied. Printed details are not cut lines unless explicitly marked.

Solid cut boundary / dashed score / shaded joining area. Read the full instructions.

Dry-fit the parts before gluing. Keep this overview beside the full-size pattern sheets.



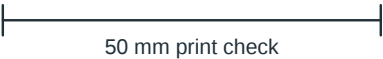
Print at actual size / 100%. Disable fit-to-page.  
Use the paper edition that matches the printer tray.

# V-Fold Platform pop-up mechanism project

ex2-1196 / LETTER / Pattern 1



Card base / 90 x 128 mm closed



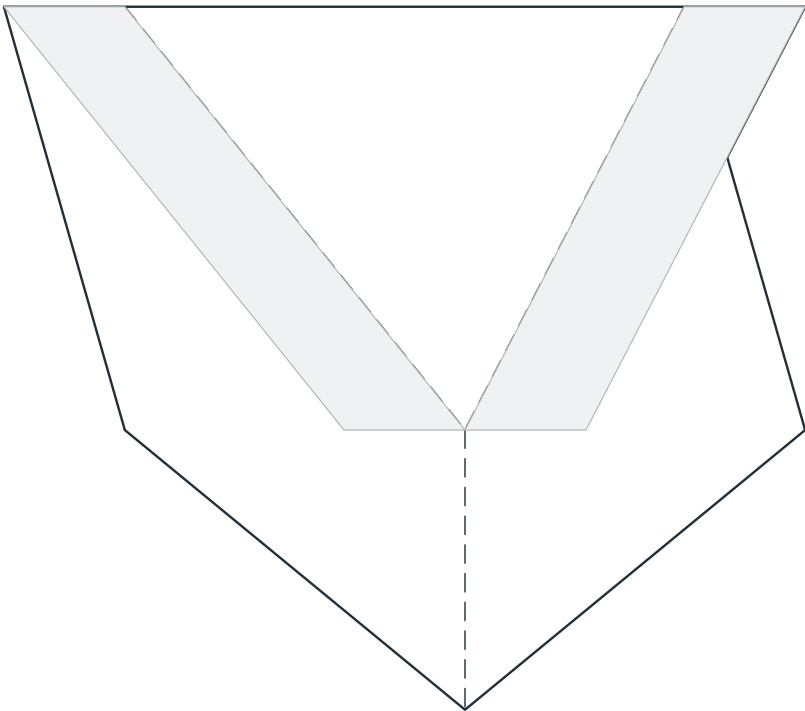
Print at actual size / 100%. Disable fit-to-page.  
Use the paper edition that matches the printer tray.

# V-Fold Platform pop-up mechanism project

ex2-1196 / LETTER / Pattern 2

---

V-fold insert



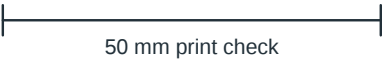
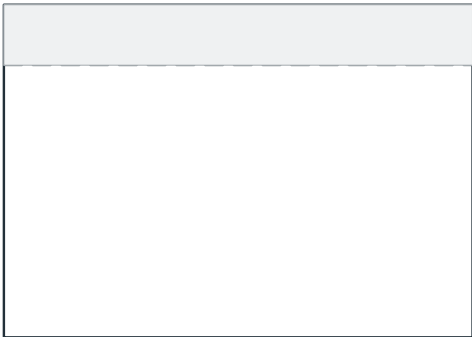
Print at actual size / 100%. Disable fit-to-page.  
Use the paper edition that matches the printer tray.

# V-Fold Platform pop-up mechanism project

ex2-1196 / LETTER / Pattern 1

---

Grouped variation companion



50 mm print check

Print at actual size / 100%. Disable fit-to-page.  
Use the paper edition that matches the printer tray.

# V-Fold Platform pop-up mechanism project

ex2-1196 / LETTER / Instructions

---

## PURPOSE

V-Fold Platform pop-up mechanism project developed as a measured original paper study. The packet provides the actual parts, joining or shaping marks, drawing dimensions and an assembly sequence. Print at actual size and dry-fit the parts before gluing.

## DRAWING FACTS

- V-fold insert with 93 mm central depth and 106 mm maximum wing span.

## MATERIALS

Plain 100 to 140 gsm paper for a first dimensional trial; approximately 160 to 220 gsm card only after confirming the folds. Use a ruler, suitable scissors, a blunt scoring tool and a small amount of paper adhesive. An adult should handle internal cuts, holes and small fasteners.

## HOW TO USE THESE PAGES

1. Score both V arms and the center fold before cutting the outside contour.
2. Align the insert center fold with the card hinge. Dry-close the card to locate the two joining wings.
3. Glue one wing at a time while the card is closed, preventing the insert from shifting.
4. Open gradually to 90 degrees. The paper should rise without inversion; reverse a fold rather than forcing it.
5. Includes a 62 x 44 mm display platform with an 8 mm joining flange for a separate V-fold dry-fit.

## LIMITS AND CHECKS

- Drawing dimensions describe flat paper surfaces, not verified internal capacity, load strength, fit or material compatibility.
- No mailing, food-contact, archival, toy-safety, protective-wear or cutting-machine certification is supplied.
- Make a plain-paper trial first; paper thickness and fold accuracy can change the fit.
- Trial: Measure the 50 mm reference and two named component dimensions.
- Trial: Make a complete empty trial and document fold direction, joining order, collision, stability and any fragile features.
- Trial: Repeat the trial using your chosen paper. Check that every join holds and each moving part works freely before decorating.



50 mm print check

Print at actual size / 100%. Disable fit-to-page.  
Use the paper edition that matches the printer tray.