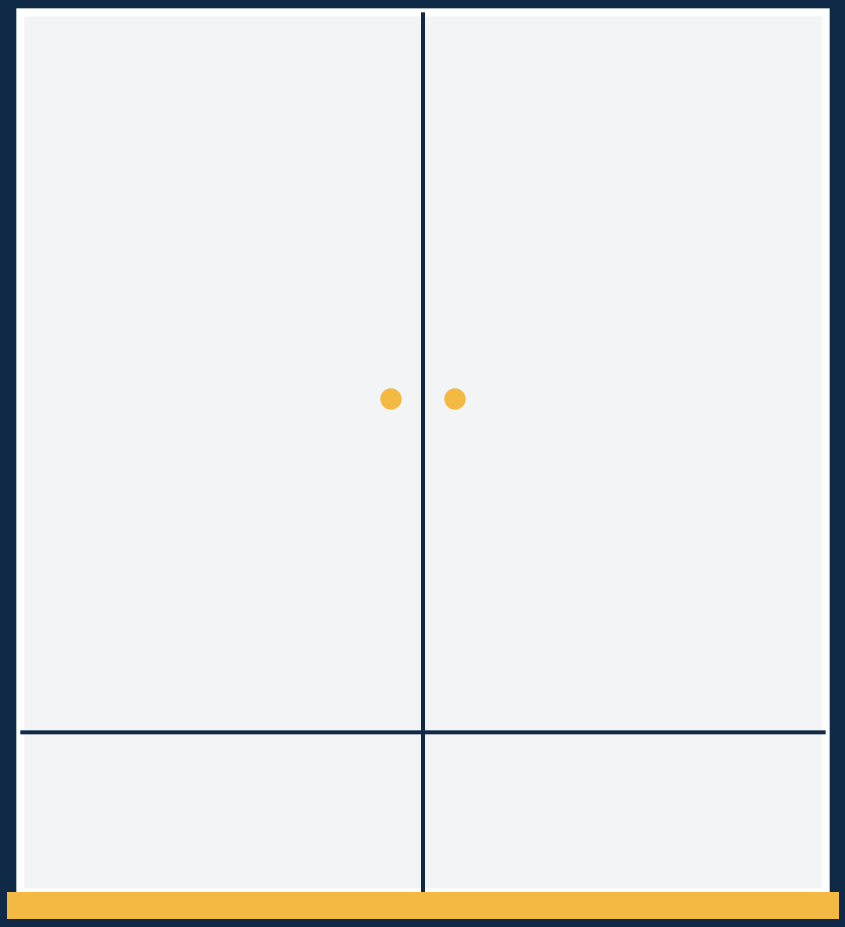
OLFA CORP.

VISUAL RTA CABINET ASSEMBLY MANUAL

Exploded views, labelled parts, hardware identification and guided steps

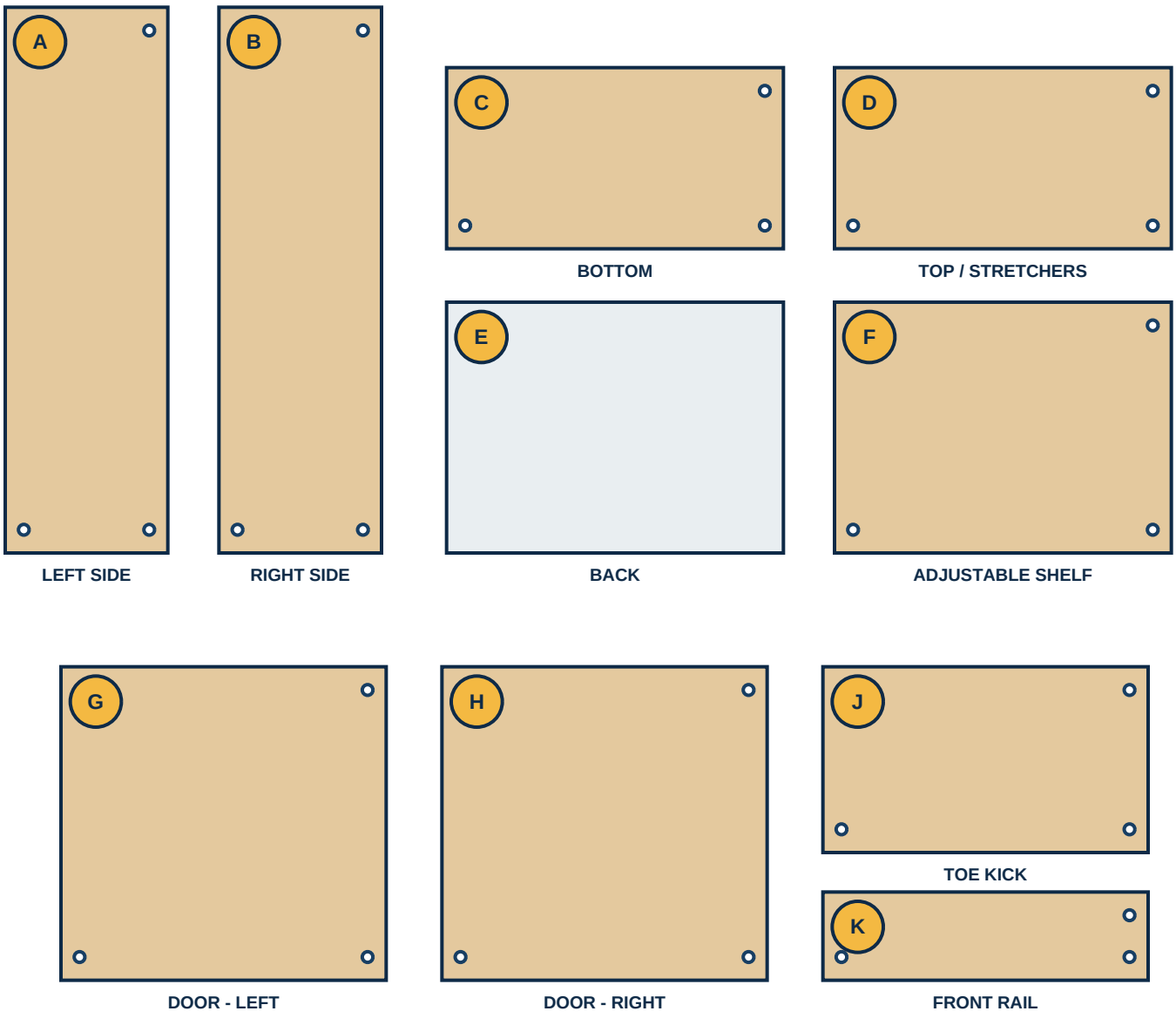


SAMPLE EDITION | STANDARD BASE CABINET | READ BEFORE ASSEMBLY

1. PANEL IDENTIFICATION

Match every label before opening hardware bags

ONE CABINET BOX - EXPLODED PANEL SET



CHECK THE PANEL LABEL

Each panel must carry the cabinet SKU, part letter and finished-edge direction. Stop if the label or hole pattern does not match the packing list.

FINISHED EDGE SYMBOL

The heavy navy edge in the product drawing marks the finished front edge. Keep finished faces protected during assembly.

DO NOT FORCE A PANEL. Hole patterns must align without redrilling.

2. HARDWARE IDENTIFICATION BOARD

Illustrated sample schedule - verify against packed hardware card

SAMPLE SIZES: Final diameter, length and quantity must match the approved OLFA hardware schedule.

H1



CAM LOCK
15 mm zinc cam
QTY 8

H2



CAM BOLT
Approx. 34 mm
QTY 8

H3



WOOD DOWEL
5/16 x 1-1/4 in pre-glued
QTY 12

H4



CONFIRMAT SCREW
Sample 7 x 50 mm
QTY 8

H5



BACK SCREW
Sample #6 x 5/8 in
QTY 12

H6



SHELF PIN
5 mm metal pin
QTY 16

H7



CONCEALED HINGE
110 degree soft-close
QTY 4

H8



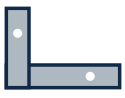
DRAWER SLIDE
Model dependent
QTY 1 PR

H9



WALL WASHER
Use with approved wall screw
QTY 4

H10



ANGLE BRACKET
Anti-tip / wall support
QTY 2

H11



COVER CAP
Finish-matched cap
QTY 8

H12



HANDLE SCREW
Length matches door thickness
QTY 4

HARDWARE BAG RULE

Keep bags separated by code H1-H12. Do not substitute screws or wall anchors. Extra pieces may be identified spares only after the final checklist.

3. TOOLS REQUIRED

Use a low drill clutch and protect finished panels

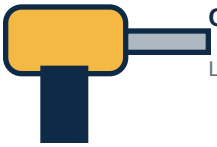
T1



#2 PHILLIPS DRIVER

Cam locks and screws

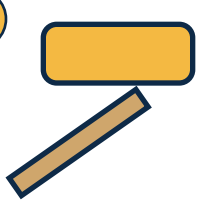
T2



CORDLESS DRILL

Low clutch setting only

T3



RUBBER MALLET

Seat dowels gently

T4



CARPENTER SQUARE

Check 90-degree corners

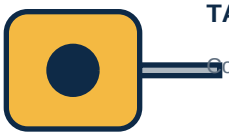
T5



24-INCH LEVEL

Level and plumb cabinet

T6



TAPE MEASURE

Confirm diagonals and fit

T7



PADDED CLAMPS

Align adjoining cabinets

T8



SAFETY GLASSES

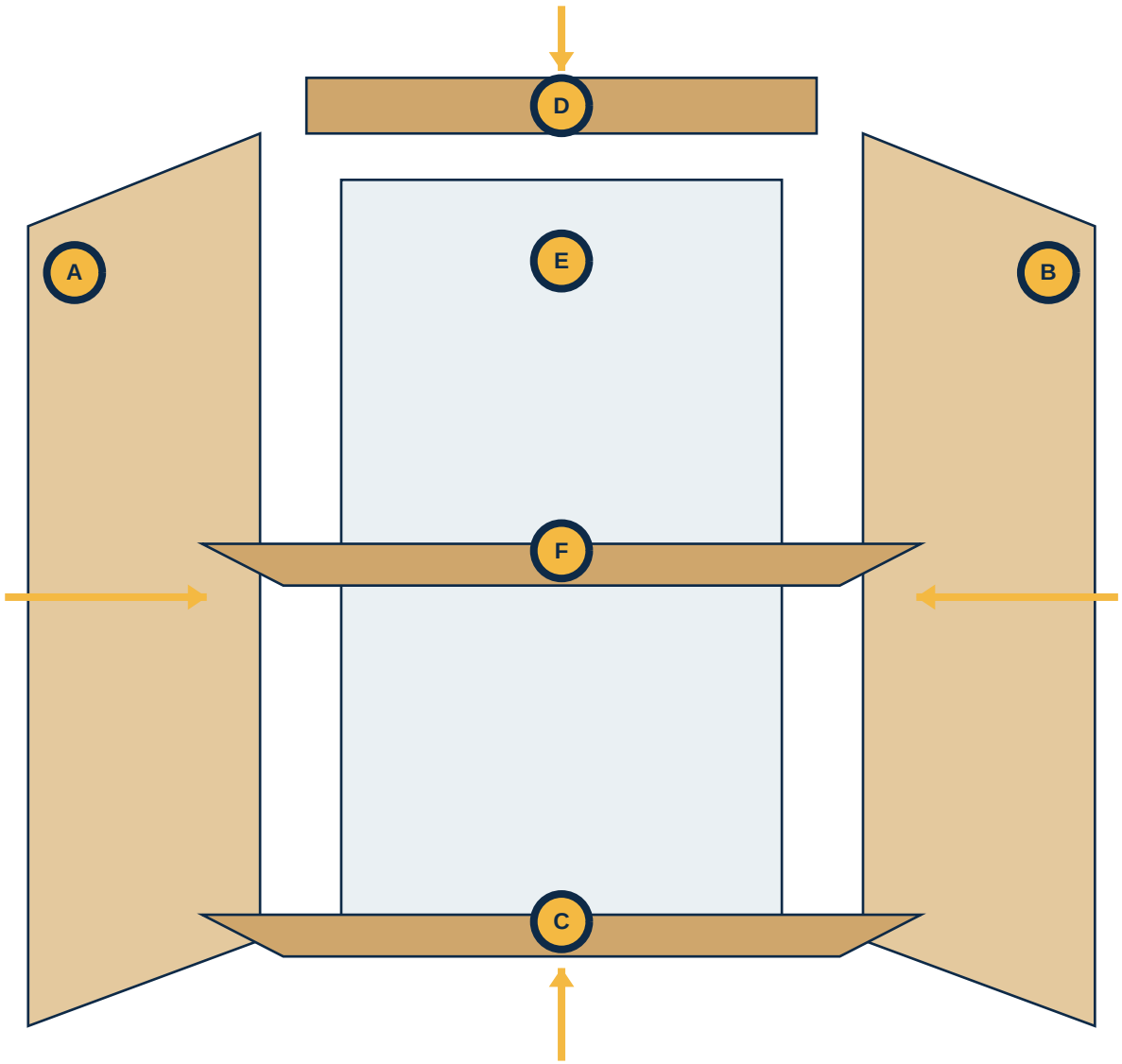
Wear while drilling

WORK AREA

Two adults. Clean, flat and protected floor. Keep children away. Verify wall studs, services and cabinet orientation before drilling.

4. EXPLODED ASSEMBLY OVERVIEW

Part letters and hardware codes stay consistent on every page



1 PREPARE PANELS

Install H2 cam bolts, H3 dowels, H6 shelf pins and mounting plates in the indicated holes.

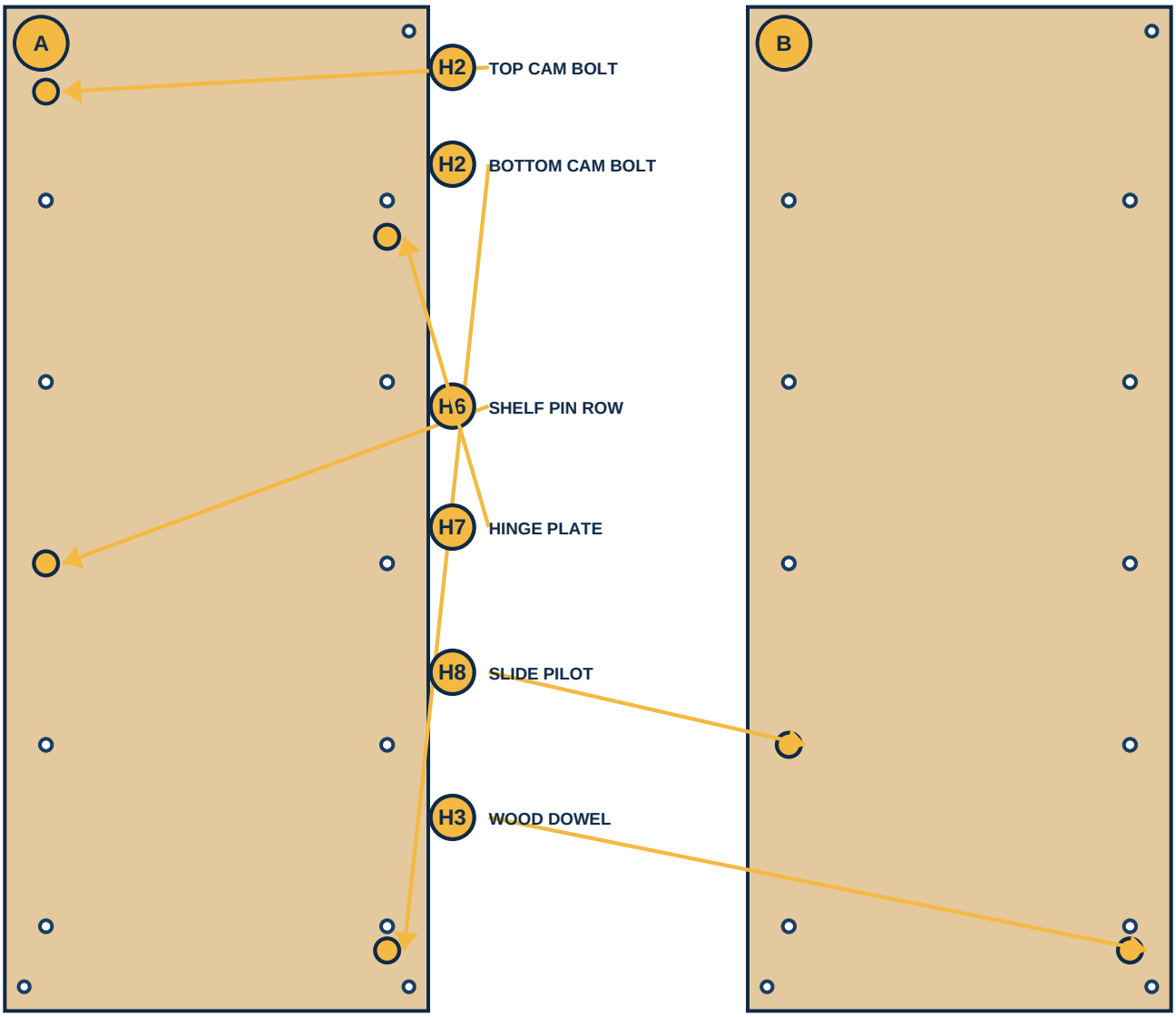
2 BUILD AND SQUARE

Join A + C + D, add B, then install E only after both diagonal measurements match.

5. PANEL DRILLING AND CONNECTOR MAP

2D inside-face reference - verify product-specific boring pattern

SIDE PANELS A AND B - MIRRORED INSIDE FACES



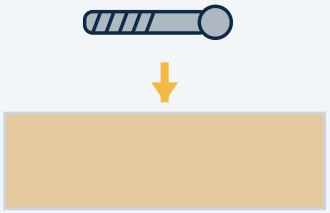
ORIENTATION CHECK

Heavy front edge faces the same direction on A and B. Hinge plates face the door opening. Shelf pin rows must mirror. Drawer slide pilots must be level and at equal height. Insert only the hardware code shown for that hole.

6. CAM, DOWEL AND SCREW LOCKING DETAILS

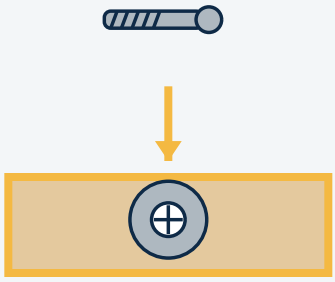
Connector cross-sections shown larger than actual size

A. INSTALL H2



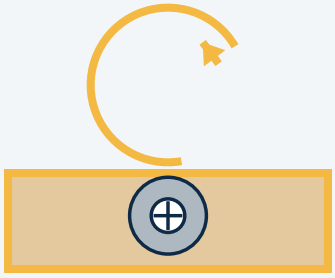
Shoulder seats flat

B. ALIGN H1



Cam arrow faces bolt

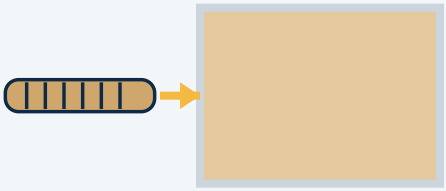
C. LOCK 180 DEG



Stop when snug

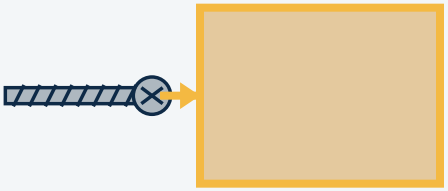
DOWEL AND CONFIRMAT CROSS-SECTIONS

H3 DOWEL



Tap with rubber mallet until seated. Never strike the panel edge directly.

H4 CONFIRMAT



Drive square to the panel. Head finishes flush, not buried below the surface.

PASS / FAIL

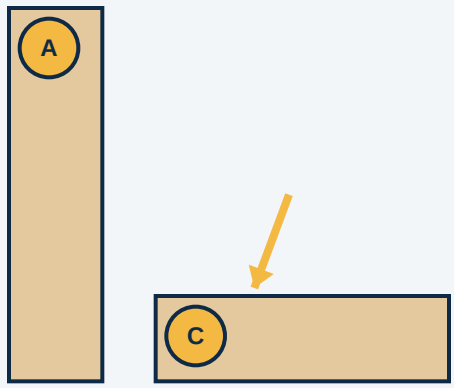
PASS: joint is closed, faces are flush and cam is snug. FAIL: visible gap, crushed dowel, spinning fastener or buried screw head. Stop and correct before continuing.

7. COMPLETE CABINET BOX SEQUENCE

Four graphic stages - assemble on a clean protected surface

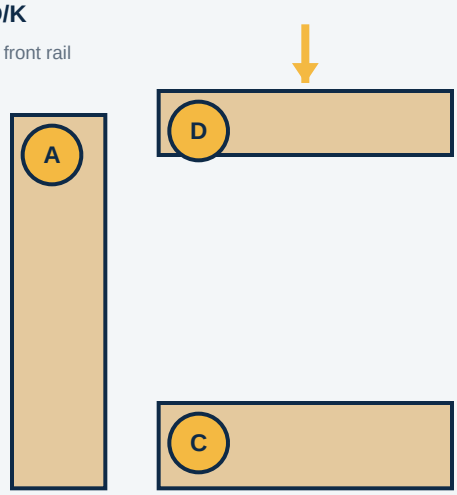
1 A + C

Seat dowels, engage cams



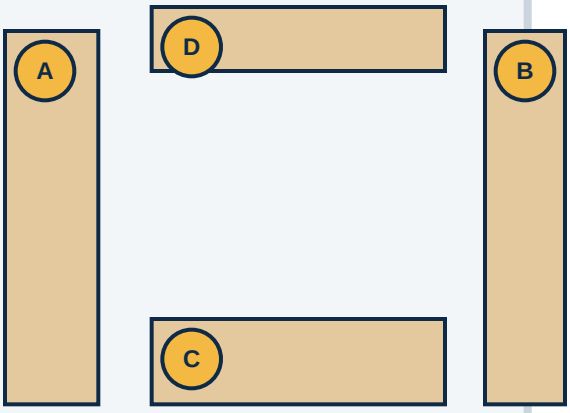
2 ADD D/K

Top rail and front rail



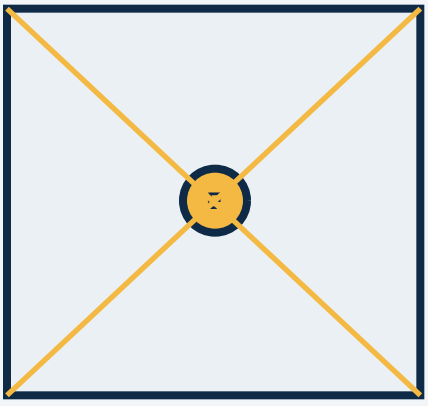
3 ADD B

Close mirrored side



4 ADD E

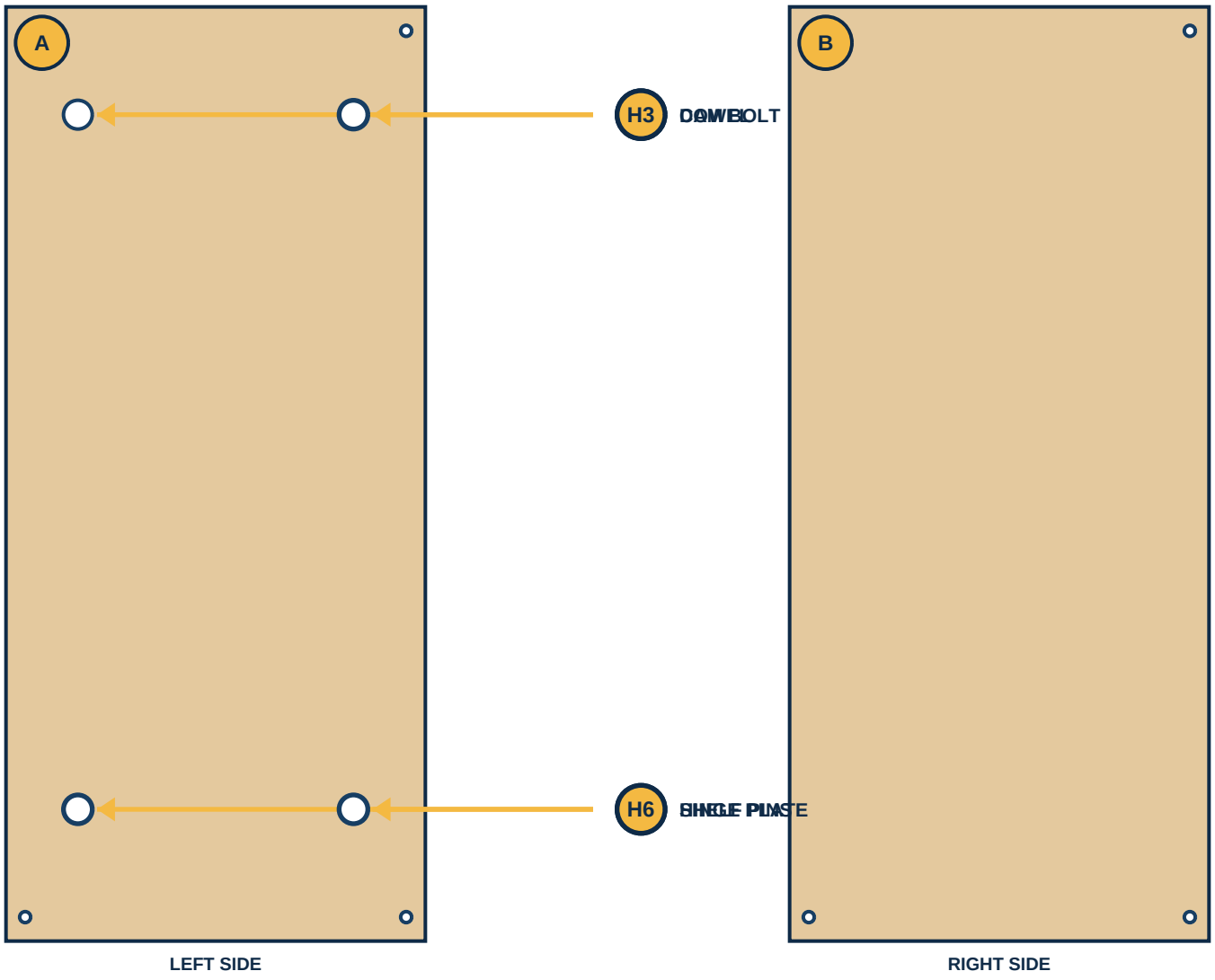
Square, then fasten back



DO NOT INSTALL BACK E UNTIL BOTH DIAGONALS MATCH. Recheck square after every four H5 screws.

8. STEP 1 - INSTALL CONNECTORS

Inside faces upward | finished front edges aligned



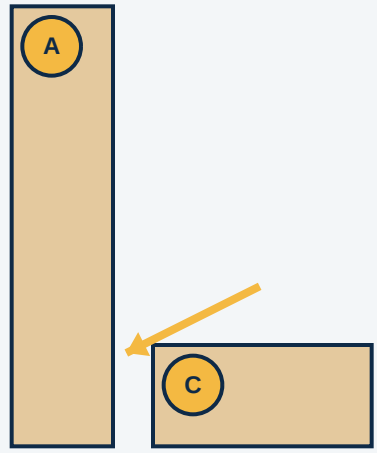
CONNECTOR RULES

1. Screw H2 cam bolts straight until the shoulder seats. 2. Tap H3 dowels gently, do not crush them. 3. Install H7 hinge plates in matching pairs. 4. Put four H6 shelf pins at exactly the same height. 5. Keep the drill clutch low.

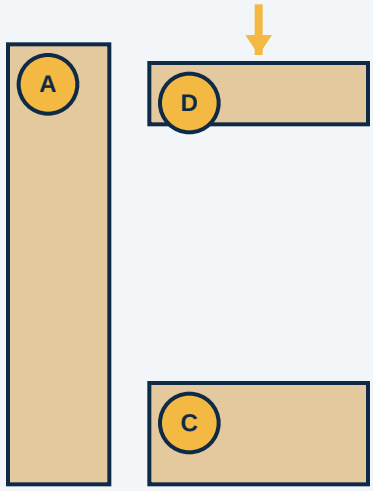
9. STEPS 2-4 - JOIN THE CABINET BOX

Hand-start every joint before tightening

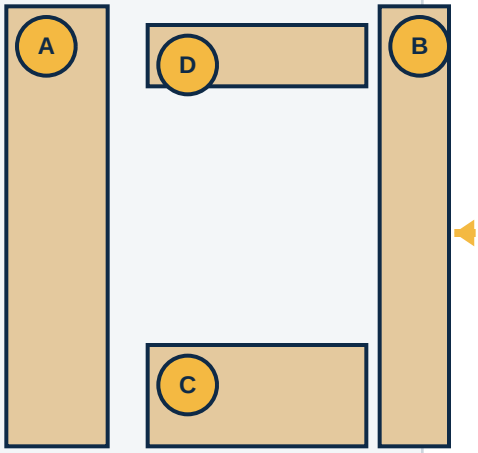
2 LEFT SIDE + BOTTOM



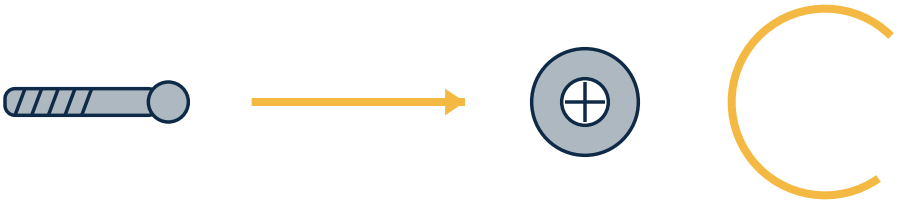
3 ADD TOP / RAILS



4 ADD RIGHT SIDE



HOW THE CAM CONNECTION LOCKS



H2 CAM BOLT ENTERS H1 CAM LOCK

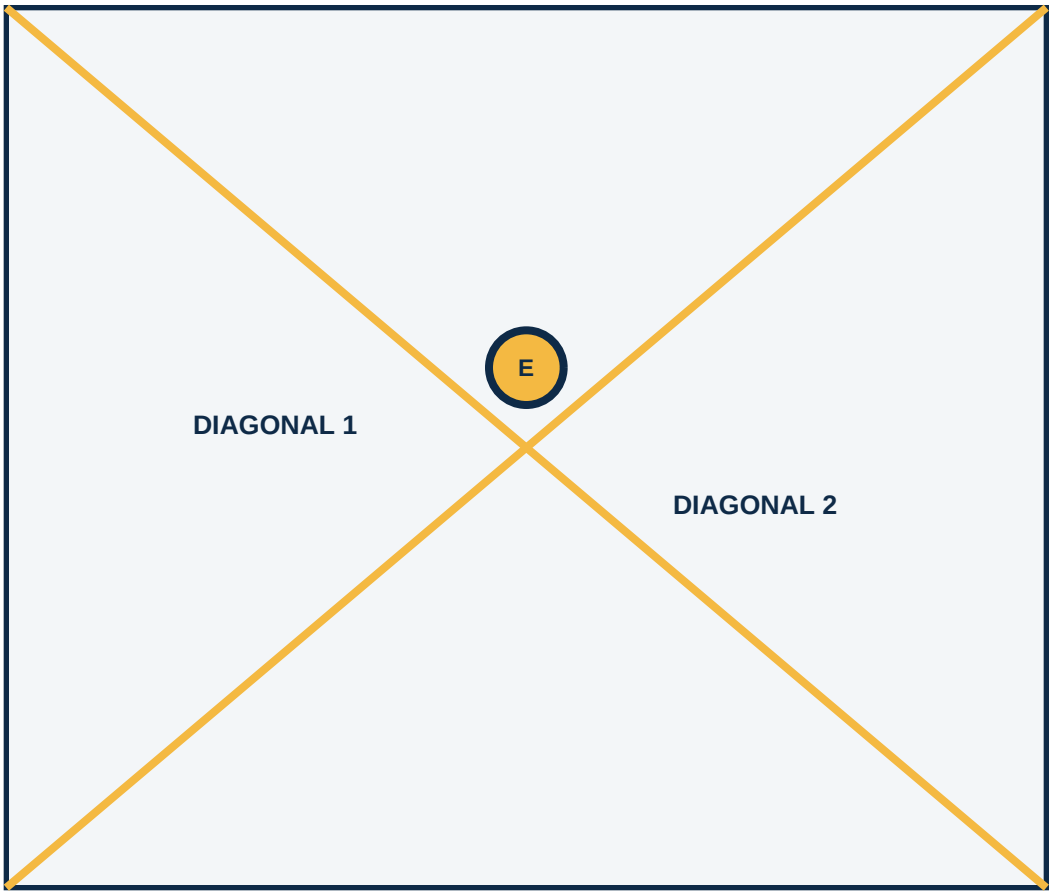
TURN H1 CLOCKWISE UNTIL SNUG

DO NOT OVERTIGHTEN

Tighten cams by hand until the panels pull together. Stop when snug. Overtightening can damage particleboard or break the connector.

10. STEPS 5-6 - SQUARE BOX AND INSTALL BACK

Equal diagonals first, back panel second



5. MEASURE BOTH DIAGONALS

Shift the box until both measurements are equal. Confirm all four corners are 90 degrees.

6. FASTEN BACK PANEL E

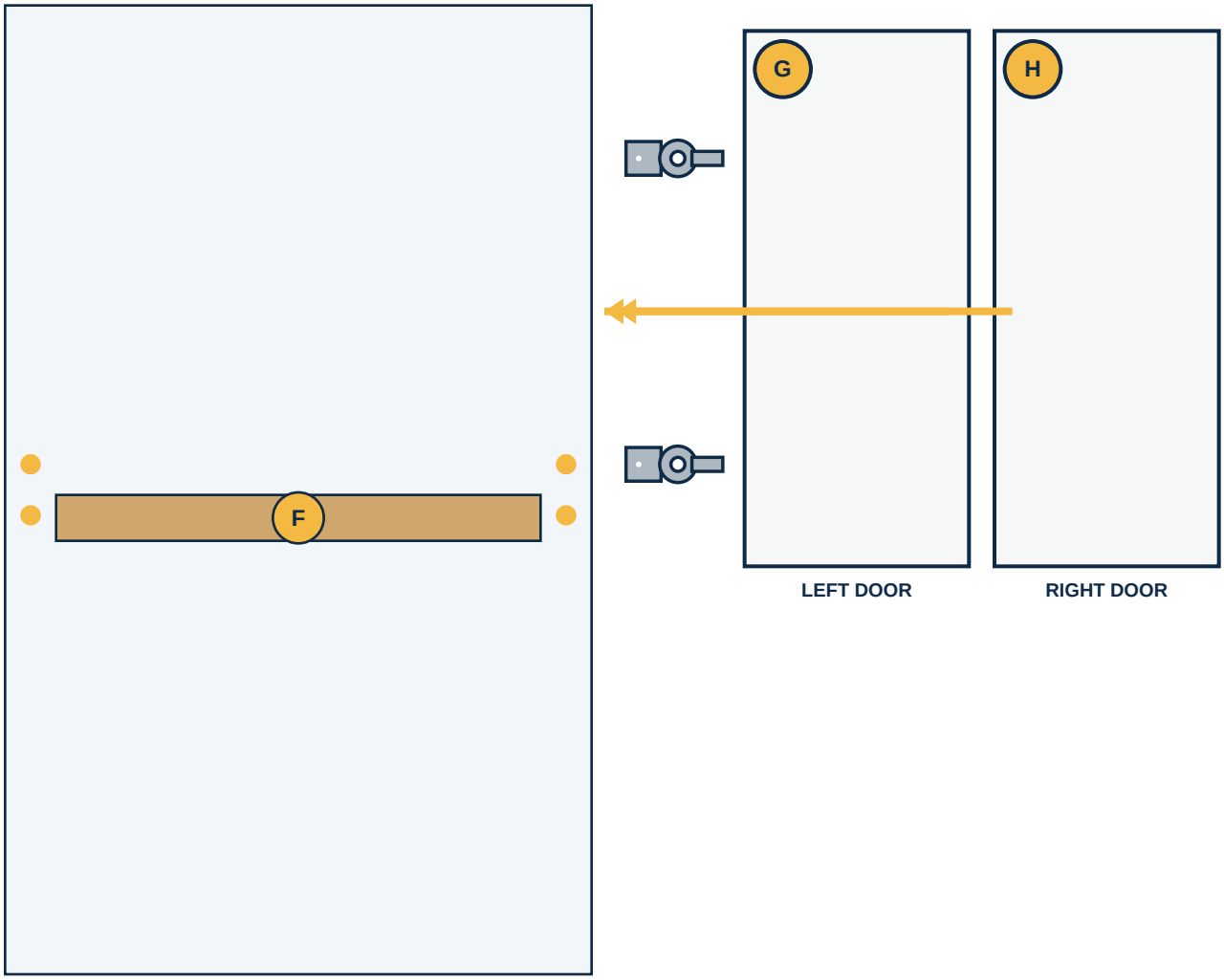
Use H5 back screws at the approved spacing while rechecking square. The back locks the cabinet geometry.

ACCEPTANCE CHECK

Both diagonals equal. Back fully seated. No panel twist. Cabinet sits flat without rocking. If not, loosen connectors, re-square and fasten again.

11. STEPS 7-9 - SHELF, HINGES AND DOORS

Adjust cabinet first, then adjust doors



3-WAY HINGE ADJUSTMENT



SIDE

Even left/right gap

DEPTH

Door sits flush

HEIGHT

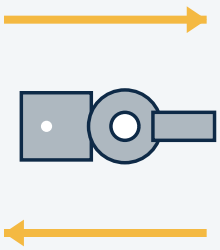
Even top/bottom

Never use hinge adjustment to compensate for a cabinet box that is out of square.

12. DETAILED 3-WAY HINGE ADJUSTMENT

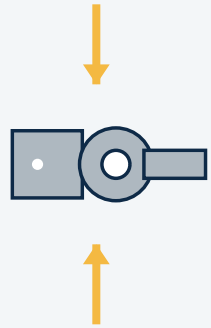
Adjust in small increments after cabinet is level and square

A. SIDE / OVERLAY



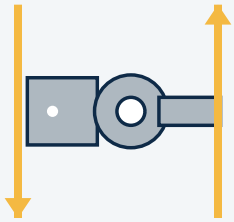
Adjust overlay / centre gap

B. DEPTH / FLUSH



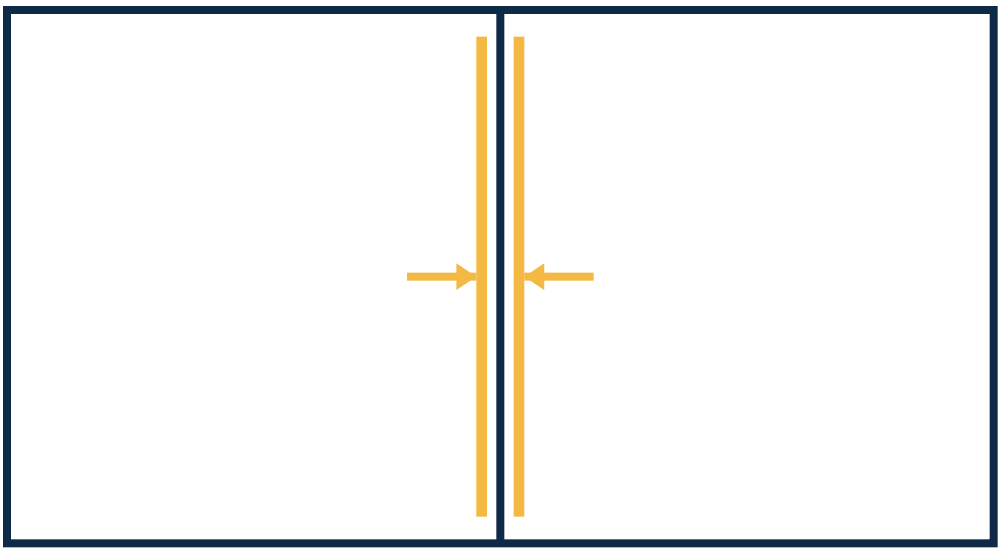
Move door in / out

C. HEIGHT



Loosen plate, move up / down

DOOR GAP TARGET - FRONT VIEW



EVEN CENTRE GAP | LEVEL TOP EDGES | BOTH DOORS FLUSH

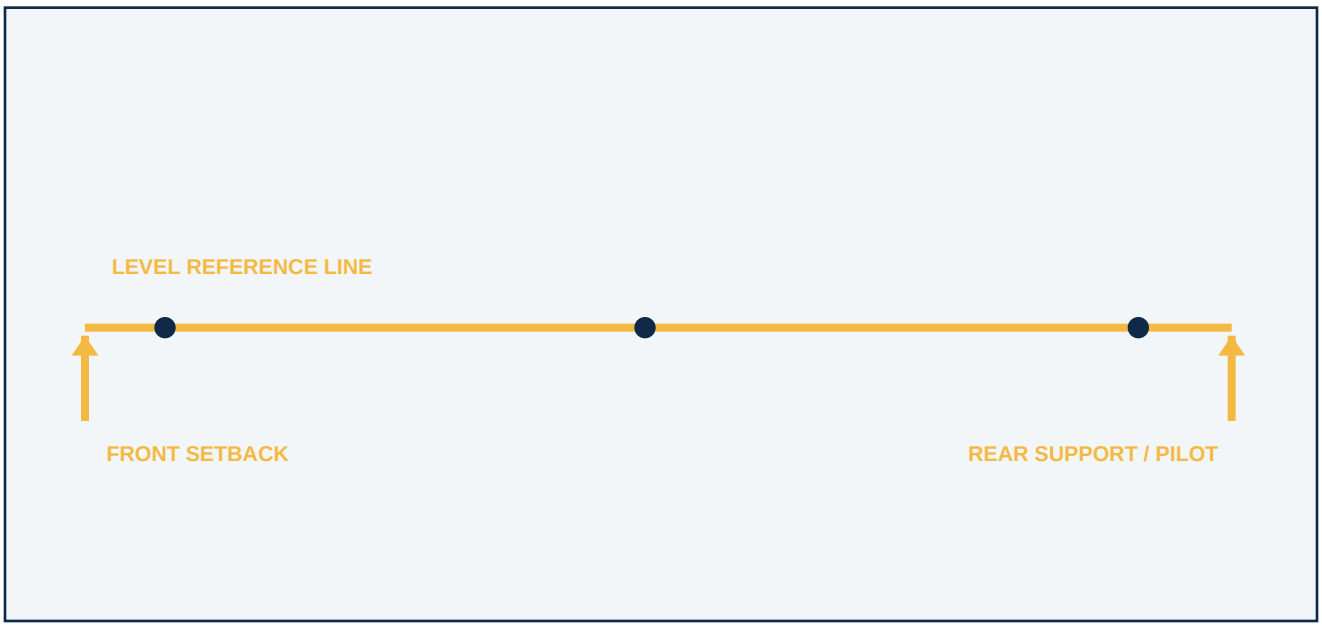
ADJUSTMENT ORDER

1. Side/overlay. 2. Depth/flush. 3. Height. Cycle doors after each small adjustment; do not force adjustment screws.

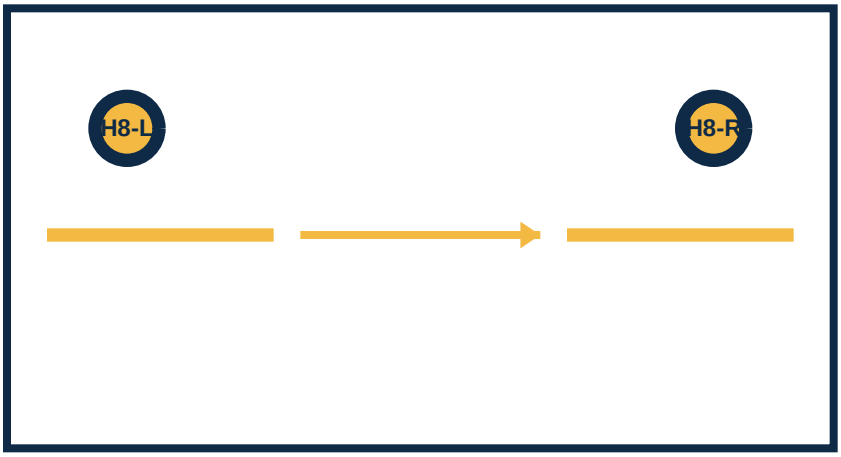
13. DRAWER SLIDE POSITIONING

Optional drawer-base module - use the slide manufacturer schedule

SIDE ELEVATION - CABINET MEMBER H8



FRONT VIEW - LEFT AND RIGHT MUST MATCH



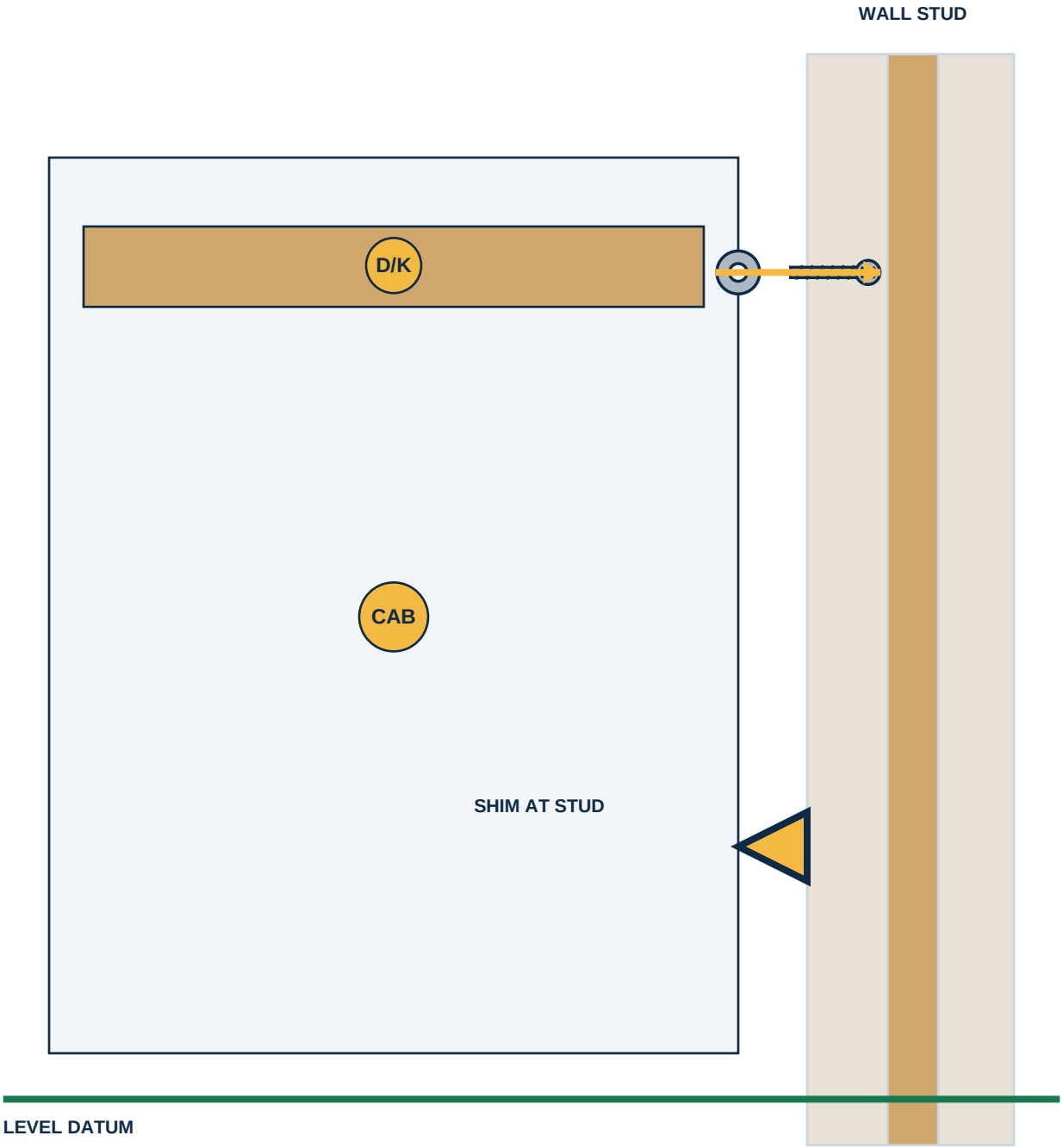
SAME HEIGHT | PARALLEL | EQUAL FRONT SETBACK

FUNCTION TEST

Engage both drawer members, push until both latches click, then cycle fully three times. Drawer must not rub, rack or release unevenly.

14. WALL ANCHOR AND CABINET RUN

Anchor type and screw length must suit the verified wall construction



ANCHOR SEQUENCE

1. Locate and verify studs/services. 2. Level and shim under structural sides. 3. Clamp cabinet run. 4. Drill approved pilot. 5. Fasten through structural rail with washer into stud/blocking. 6. Recheck level and plumb.

15. GRAPHIC FINAL INSPECTION CHECKLIST

Installer initials every visual check before handover

SQUARE ☐

Equal diagonals



LEVEL ☐

Bubble centred



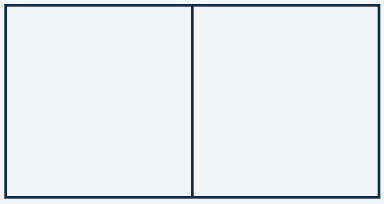
ANCHOR ☐

Stud fasteners tight



DOORS ☐

Even gaps



DRAWER ☐

Cycles 3 times



SHELF ☐

Four pins seated

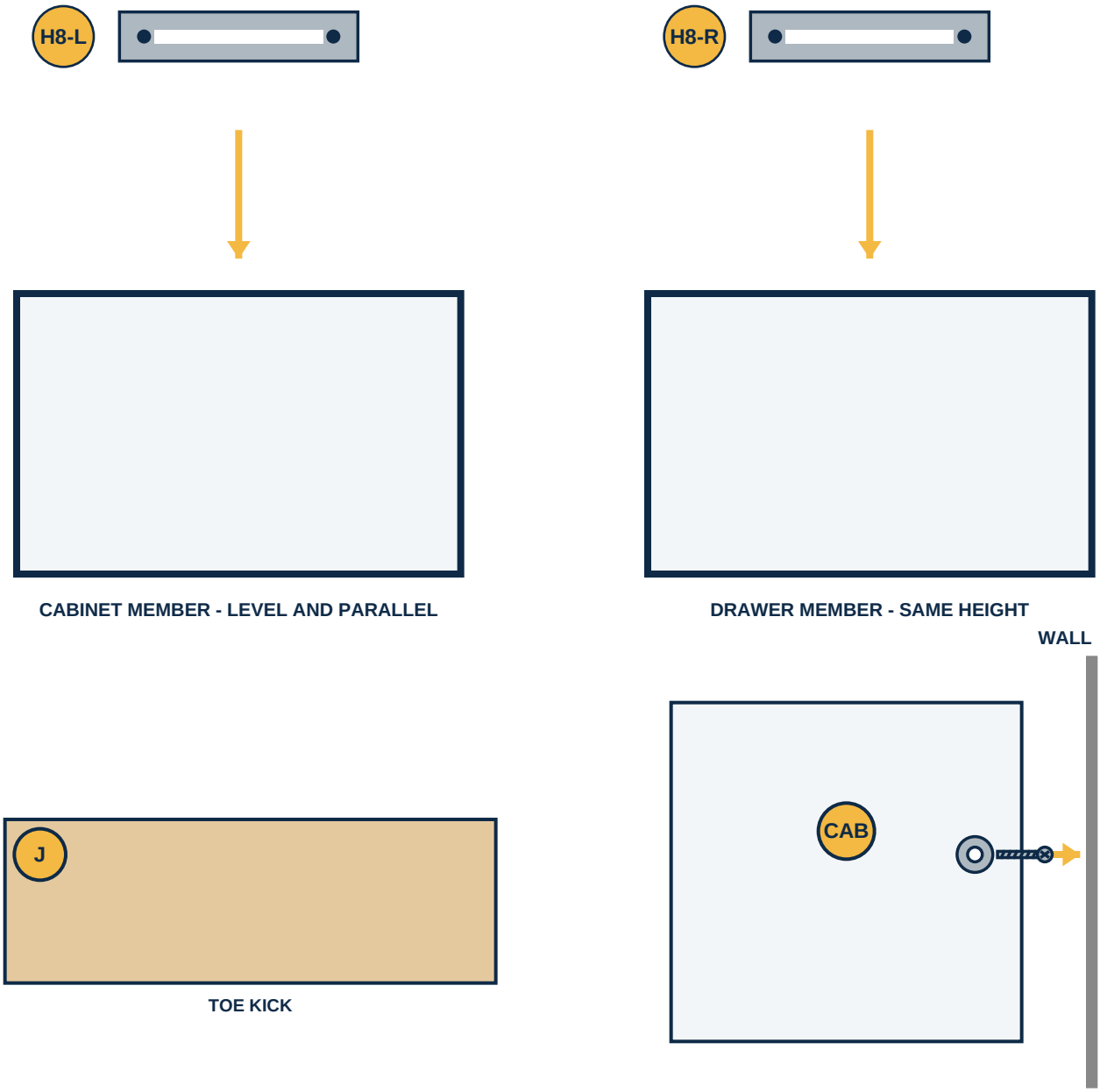


ANY UNCHECKED ITEM = INSTALLATION INCOMPLETE. Do not load shelves or install countertop until all checks pass.

16. TOE KICK AND FINAL INSTALLATION

Model-dependent parts use the same identification method

DRAWER SLIDES - MATCH LEFT AND RIGHT



FINAL INSTALLATION ORDER

1. Level and shim base cabinets under structural sides. 2. Clamp adjoining cabinet faces. 3. Fasten cabinets together. 4. Anchor through structural members into studs or approved blocking. 5. Install toe kick J. 6. Fit countertop only after the run is level and secure.

17. FINAL INSPECTION AND TROUBLESHOOTING

Complete before loading or countertop installation

- ☐ **BOX**
  Level, plumb, square and no rocking
- ☐ **FASTENERS**
  All H1-H12 hardware accounted for
- ☐ **ANCHOR**
  Cabinet fixed to studs or approved blocking
- ☐ **DOORS**
  Even gaps and free movement
- ☐ **DRAWERS**
  Slides parallel and latches engaged
- ☐ **SHELVES**
  Four H6 pins under every shelf
- ☐ **FINISH**
  No damage, chips or exposed holes
- ☐ **SITE**
  Appliance and countertop clearances verified

QUICK TROUBLESHOOTING

DOOR UNEVEN	Square and level box first, then adjust H7 hinges.
DRAWER RUBS	Make H8-L and H8-R parallel and equal height.
BACK WILL NOT SEAT	Loosen H1 cams, re-square, then reinstall E.
FASTENER SPINS	Stop. Verify code and hole. Do not enlarge hole.
MISSING PART	Photograph SKU, part label and open hardware bags.

PRODUCT-SPECIFIC DRAWING AND APPROVED HARDWARE CARD TAKE PRIORITY OVER THIS SAMPLE MANUAL.