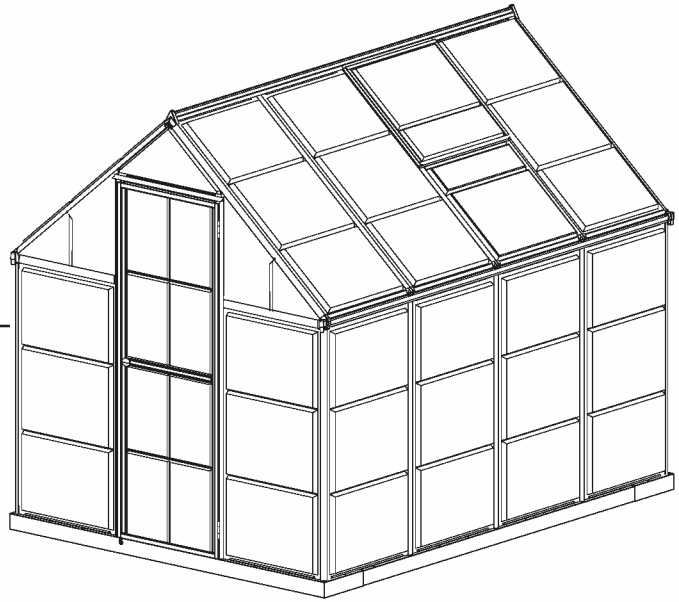
PALRAM

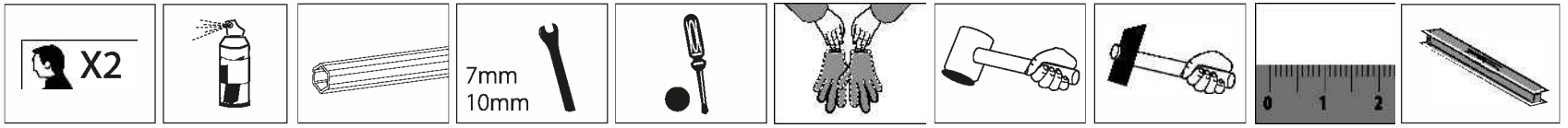
Assembly Instructions

Harmony 6'x8' - Clear Glazing



Approx. Dim.

247L x 185W x 208H cm / 97.2"L x 72.8"W x 81.9"H



After Sale Service

Email: customer.service@palram.com

USA	877-627-8476	**England**	01302-380775	**France**	0169-791-094
Canada	1 800-866-5749	**Germany**	0180-522-8778	**International**	+972 4-848-6942

www.palram**applications**.com

14.10_Languages_73168_V2

EN

IMPORTANT
Please read these instructions carefully before you start to assemble this greenhouse.
Keep these instructions in a safe place for future reference.

» Customer Service

For assistance with assembly or for replacement parts – please log onto our website or call our service line (number is on the title page).

Additional information can be found at our website: www.palramapplications.com

» Safety Advice

- It is of utmost importance to assemble all of the parts according to the directions. Do not skip any step.
- We strongly recommend using work gloves during assembly.
- Always wear shoes and safety goggles when working with extruded aluminium.
- If using a step ladder or power tools ensure that you follow the manufacturer's safety advice.
- Do not touch overhead power cables with the aluminium profiles.
- Do not attempt to assemble the greenhouse in windy or wet conditions.
- Dispose of all plastic bags. Keep them out of reach of small children.
- Keep children away from the assembly area.
- Do not lean against or push the greenhouse during construction.
- Do not position your greenhouse in an area exposed to excessive wind.
- Do not attempt to assemble this greenhouse if you are tired, have taken drugs or alcohol or if you are prone to dizzy spells.
- Hot items such as recently used grills, blowtorches etc. must not be stored in the greenhouse. Ensure there are no hidden pipes or cables in the ground before inserting the pegs.
- This product is designed to be used as a greenhouse only.

» Care & Maintenance

When your greenhouse needs to be cleaned, use a mild detergent solution and rinse with cold clean water. DO NOT use acetone, abrasive cleaners or other special detergents to clean the clear panels. It is recommended to check periodically that roof panels caps (plastic part 329 & profile 981) are set in place.

» Tools & Equipment

- Tape measure
- Work gloves
- Lubricant
- Phillips head screwdriver
- Leveler
- Silicone spray
- Rubber mallet
- Hammer
- Adjustable Spanner / Wrench
- T001 - Special tool for Screws 411 and nuts 412



» Before Assembly

- ☑ Selecting a site:
  - The greenhouse must be positioned and fixed on a flat level surface.
  - Choose a sunny position away from overhanging trees.
- ☑ We strongly recommend this greenhouse being secured directly to a solid concrete foundation. When doing that use the pre drilled holes in the metal base.
- ☑ This is a multi-part assembly best achieved by two people. Allow at least a half a day for the assembly process.
- ☑ Take all components & parts out of the packages. Sort the parts and check against the contents parts list.
  Parts should be laid out close at hand. Keep all small parts (screws etc.) in a bowl so they do not get lost.
- ☑ Please note multi-sided profiles are used in this greenhouse. As a result some holes in the profiles are not used during assembly.
- ☑ Please review entire instructions before starting. Carry out the assembly steps in exact order.

» Notes During Assembly

- You may use Silicon lubricant spray in order to help you slide the panels into the profiles.
- Do not spray the Polycarbonate panels.
- Use a rubber mallet if necessary.

During assembly you will encounter the information icon, please refer to the relevant assembly step for additional comments and assistance.

Step 5: Part **994, 995** are in the back of the greenhouse. Attaching them determines the front side of the greenhouse.

Steps 8, 11: The oval hole in the crossbars **256** should always be assembled to the base of the greenhouse.

Step 9 Door Assembly: Determines door direction. Part **987** is the side that the door hinges will be located. The door can be installed either as a left or right hand door. These instructions show a right hand door assembly.

Window Assembly

Step 31: Decide on the window's location before assembly. Window can be installed in one of the indicated options.

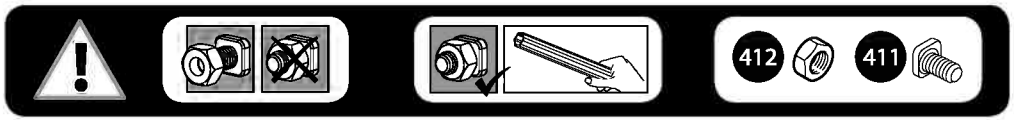
Step 44: In case the window doesn't closed properly, please release the screws, adjust the profile and tighten the screw.

⚠ **Important Recommendations**

- **Firmly connect the greenhouse to a level position immediately after completion of the assembly.**
- **In order to anchor the greenhouse use the designated manufacturer anchoring kit.**
- **Anchoring the greenhouse can also be done by drilling the base profiles and fastening it to the ground using ground screws or spikes (screws and spikes are not supplied).**
- **Tighten all screws once assembly is completed.**

Screws 411 and nuts 412 are used thruoghout the assembly process.

- Screws 411 are to be assembled from the outside and nuts 412 from the inside of the greenhouse.
- Do not fasten screws and nuts (411 & 412) more than 23- turns only. Do not tighten them until completion of the panels' assembly, if not specified otherwise.
- However, in some steps, temporary tightening of a few screws may be needed to prevent a profile from falling.



FR

IMPORTANT !
Veuillez lire attentivement ces instructions avant de commencer à monter votre serre.
Conservez ces instructions en lieu sûr pour toute consultation ultérieure.

» Service clientèle

Pour toute assistance concernant le montage de la serre ou ses pièces de rechange – veuillez consulter notre site Internet ou appeler notre service technique (dont le numéro de téléphone figure sur la couverture de la brochure).Pour en savoir plus, n'hésitez pas à visiter notre site Internet : www.palramapplications.com

» Consignes de sécurité
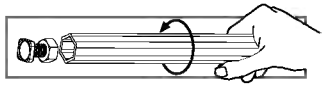
- Très important ! Veuillez suivre scrupuleusement les instructions de cette brochure et réaliser les étapes dans l'ordre énoncé.
- Nous recommandons vivement le port de gants de protection pendant le montage.
- Portez toujours des chaussures de travail et des lunettes de protectrion lorsque vous travaillez des pièces en aluminium extrudé.
- Lors de l'utilisation d'une échelle ou d'outils électriques, assurez-vous de bien suivre les consignes de sécurité du fabricant.
- Veillez à ne pas toucher de câbles aériens avec les profilés en aluminium.
- N'essayez pas de monter la serre s'il y a du vent ou s'il fait humide.
- Jetez tous les sacs en plastique en appliquant les règles de sécurité et maintenez-les hors de portée des jeunes enfants.
- Eloignez les enfants de la zone d'assemblage.
- Ne vous appuyez pas contre la serre et ne la poussez pas pendant le montage.
- Ne positionnez pas la serre dans un endroit trop exposé au vent.
- N'essayez pas de monter la serre si vous êtes fatigué, si vous êtes sous l'effet de drogues, de médicaments ou d'alcool ou encore si vous êtes sujet aux vertiges.
- Les objets chauds tels qu'un barbecue, un chalumeau ou autre article ayant été récemment utilisés, ne doivent pas être rangés dans la serre.
- Avant de planter les piquets, assurez-vous qu'aucun tuyau ni câble n'est enterré à l'endroit sélectionné pour l'installation.
- Ce produit est conçu pour servir de serre exclusivement.

» Entretien & Maintenance

Pour nettoyer votre serre, utilisez une solution détergente douce et rincez à l'eau claire et froide. NE PAS utiliser d'acétone ni de produits nettoyants ou autres détergents spéciaux pour nettoyer les panneaux clairs. Il est recommandé de vérifier régulièrement que les couvre-joints des panneaux du toit sont bien en place (pièces en plastique 329 & profilé 981).

» Outils & Equipement (non fournis)

- Mètre (ruban)
- Gants de travail
- Lubrifiant
- Tournevis cruciforme (Philips)
- Nivellement
- Spray silicone
- Maillet en caoutchouc
- Marteau
- Clé à molette/anglaise
- T001 – outil spécial pour vis 411 et écrous 412



» Avant le montage

- ☑ Choisir un endroit :
  - La serre doit être positionnée et fixée sur une surface plane et horizontale.
  - Choisissez un endroit ensoleillé loin des arbres en saillie.
- ☑ Nous vous recommandons fortement de sécuriser cette serre directement à une fondation en béton solide. Utilisez les trous pré-percés dans la base métallique au moment de le faire.
- ☑ Il s´agit d›un assemblage multi parties qu´il vaut mieux réaliser à deux. Comptez au moins une demi journée pour le processus de montage.
- ☑ Retirez tous les composants des paquets. Triez les éléments et vérifiez la liste. Les éléments doivent se trouver à portée de main.

  Gardez touts les petits éléments (vis etc.) dans un bol pour ne pas les perdre.
- ☑ Veuillez noter que des coupes multi faces sont utilisées dans cette serre. C´est pourquoi certains trous dans les coupes ne sont pas utilisés pendant le montage.
- ☑ Veuillez vérifier toutes les instructions avant de commencer. Procédez aux étapes de montage dans l›ordre exact.

» Notes pendant le montage

- Utilisez le spray lubrifiant silicone pour vous aider à faire glisser les panneaux dans les coupes.
- Ne pulvérisez pas les panneaux en polycarbonate.
- Utilisez un maillet en caoutchouc si besoin.

Pendant le montage, vous verrez l'icône dinformation, veuillez-vous référer à la phase de montage correspondante pendant des commentaires et une assistance supplémentaires.

Etape 5 : Les parties **994, 995** sont à l'arrière de la serre. Les attacher détermine le devant de la serre.

Etape 8, 11 : Le trou ovale dans les barres fixes **256** doit toujours être monté à la base de la serre.

Etape 9 Montage de la porte : Détermine la direction de la porte. La partie **987** est le côté où les charnières de porte seront situées. La porte peut être installée de manière à s'ouvrir sur la droite ou sur la gauche. Ces instructions montrent un montage correct de la porte.

Montage de la fenêtre

Etape 31 : Choisissez l'emplacement de la fenêtre avant le montage. La fenêtre peut être assemblée dans l'une des options indiquées.

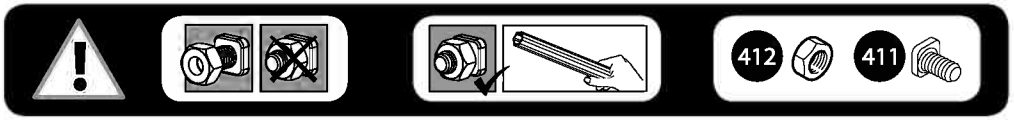
Etape 44 : Au cas où la fenêtre ne ferme pas correctement, veuillez relâcher les vis, ajustez la coupe et serrez les vis.

⚠ **Recommandations importantes**

- **Immédiatement après avoir terminé l'assemblage, fixez solidement la serre en position finale, parfaitement horizontale.**
- **Utilisez le kit de fixation du fabricant pour fixer la serre.**
- **Fixer la serre peut également être effectué en perçant les coupes de base et en la fixant au sol en utilisant des vis de terre (vis non fournies).**
- **Serrez toutes les vis après avoir achever l'assemblage.**

Les vis 411 et écrous 412 servent tout au long de la procédure.

- Les vis 411 se placent à l'extérieur et les écrous 412 à l'intérieur de la serre.
- Ne serrez les vis et écrous (411 & 412) que de 2 à 3 tours, pas plus. Ne les serrez pas tant que l'assemblage n'est pas complètement terminé, sauf indication contraire.
- Cependant, la réalisation de certaines étapes peut nécessiter le serrage provisoire de quelques vis pour empêcher un profilé de tomber en attendant qu'il soit entièrement intégré à l'ensemble de la structure dans les étapes suivantes.



14.10_V2

DE

WICHTIG
Bitte lesen Sie diese Anweisungen sorgfältig durch, bevor Sie mit dem Aufbau des Gewächshauses beginnen.
Heben Sie diese Anweisungen an einem sicheren Ort auf, um später auf sie zurückgreifen zu können.

» Kundendienst

Für Hilfe bei dem Aufbau oder für Ersatzteile – können Sie sich entweder auf unserer Webseite einloggen oder unseren Kundendienst anrufen (die Nummer steht auf der Titelseite).
www.palramapplications.com

» Sicherheitshinweise
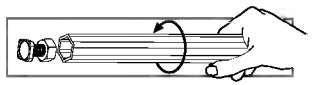
- Es ist von grösster Wichtigkeit, alle Teile genau gemäss den Anweisungen zusammenzubauen. Lassen Sie keinen Schritt aus.
- Wir empfehlen wärmstens, während des Aufbaus Arbeitshandschuhe zu tragen.
- Tragen Sie immer Schuhe und eine Schutzbrille, wenn Sie mit stranggepresstem Aluminium arbeiten.
- Wenn Sie eine Stufenleiter oder Elektrowerkzeuge benutzen, achten Sie darauf, die Sicherheitshinweise des Herstellers zu befolgen.
- Berühren Sie mit den Aluminiumprofilen keine Oberleitungen.
- Versuchen Sie nicht, das Gewächshaus bei windigem oder regnerischem Wetter zusammenzubauen.
- Entsorgen Sie alle Plastiktüten sicher und bewahren sie ausserhalb der Reichweite von kleinen Kindern auf.
- Halten Sie Kinder vom Aufbaubereich fern.
- Während des Aufbaus sollten Sie sich nicht gegen das Gewächshaus lehnen oder es drücken.
- Bauen Sie Ihr Gewächshaus nicht an Orten mit hoher Windbelastung auf.
- Versuchen Sie nicht, dieses Gewächshaus aufzubauen wenn Sie müde sind, unter dem Einfluss von Drogen oder Alkohol stehen oder zu Schwindelanfällen neigen.
- Heisse Geräte wie kürzlich benutzte Grills, Schneidbrenner usw. dürfen nicht im Gewächshaus gelagert werden. Vergewissern Sie sich vor Einsetzen der Pflöcke, dass sich keine versteckten Rohre oder Kabel im Boden befinden.
- Dieses Produkt ist nur für den Einsatz als Gewächshaus geeignet.

» Pflege und Wartung

Benutzen Sie eine milde Reinigungslösung für die Reinigung Ihres Gewächshauses und spülen es danach mit kaltem, sauberen Wasser ab. Benutzen Sie AUF KEINEN FALL Azeton, Scheuermittel oder andere spezielle Reinigungsmittel, um die klaren Platten zu reinigen.

» Werkzeuge & Ausrüstung

- Maßband
- Arbeitshandschuhe
- Schmiermittel
- Kreuzschitzschraubenzieher
- Stufenleiter
- Bohrer
- Nivellierer
- Silikonspray
- Gummihammer
- Grosser Hamme
- Universalschraubenschlüssel / Schraubenschlüssel
- T001 - Schlüssel



» Vor dem Zusammenbau

☑ Einen Aufstellungsort auswählen:

- Das Gewächshaus muss auf einem flachen Untergrund aufgestellt und befestigt werden.

- Wählen Sie eine sonnige Position abseits von überhängenden Bäumen.

☑ Wir empfehlend dringend, dieses Gewächshaus direkt auf einem soliden Betonfundament zu befestigen. Verwenden Sie dabei die vorgebohrten Löcher in der Metallbasis.

☑ Dieser mehrteilige Bausatz sollte am besten von zwei Personen aufgebaut werden. Nehmen Sie sich für den Zusammenbau mindestens einen halben Tag Zeit.

☑ Entpacken Sie alle Bauteile. Sortieren Sie die Teile und vergleichen Sie sie mit der Stückliste. Die Teile sollten griffbereit ausgelegt werden.

Bewahren Sie alle kleinen Teile (Schrauben usw.) in einer Schüssel, um zu verhindern, dass sie verlorengehen.

☑ Beachten Sie bitte, dass bei diesem Gewächshaus mehrseitige Profile verwendet werden. Während des Zusammenbaus werden daher einige Löcher in den Profilen nicht verwendet.

☑ Lesen Sie bitte vor dem Zusammenbau die gesamte Anleitung durch. Befolgen Sie beim Zusammenbau die genaue Reihenfolge.

» Hinweise beim Zusammenbau

- Sie können Silikonölspray verwenden, um das Einschieben der Panele in die Profile zu erleichtern.
- Besprühen Sie nicht die Polycarbonat-Platten.
- Verwenden Sie bei Bedarf einen Gummihammer.

Beim Aufbau wird Ihnen das Informationssymbol begegnen. Für zusätzliche Kommentare und Unterstützung beziehen Sie sich bitte auf die entsprechende Aufbaustufe.

Schritt 5: Teile **994, 995** befinden sich an der Rückseite des Gewächshauses. Ihre Befestigung bestimmt die Vorderseite des Gewächshauses.

Schritte 8, 11: Das ovale Loch in den Kreuzschienen **256** sollte immer mit dem Fundament des Gewächshauses verbunden werden.

Schritt 9 Tür-Zusammenbau: Bestimmt die Türrichtung. Teil **987** ist die Seite, an der die Türscharniere befestigt werden. Die Tür kann mit rechtem oder linken Türanschlag eingebaut werden. In dieser Anleitung wird ein Türeinbau mit rechtem Türanschlag dargestellt.

Fenstereinbau

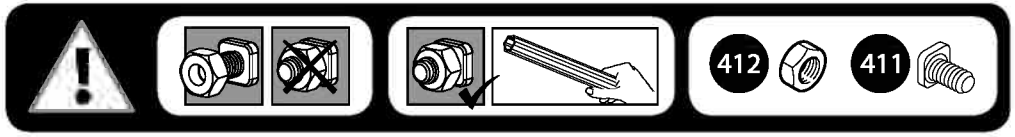
Schritt 31: Bestimmen Sie vor dem Einbau die Fensterposition. Fenster können auf eine der angegebenen Optionen eingebaut werden.

Schritt 44: Falls das Fenster nicht richtig schließen sollte, lösen Sie bitte die Schrauben, passen Sie die Profile an und ziehen Sie die Schrauben wieder fest.

⚠ Wichtige Empfehlungen

- **Sorgen Sie direkt nach dem Zusammenbau dafür, dass das Gewächshaus in ebener Position stabilisiert wird.**
- **Verwenden Sie zur Verankerung des Gewächshauses den dafür vom Herrsteller bestimmten Befestigungs-Kit.**
- **Das Gewächshaus kann auch verankert werden, indem man die Sockelprofile anbohrt und am Boden mit Bodenschrauben und Krampen festmacht (Schrauben und Spikes werden nicht mitgeliefert)**
- **Alle Schrauben befestigen nach dem abschluss der Montage**

- Les vis 411 et écrous 412 servent tout au long de la procédure.
- Les vis 411 se placent à l'extérieur et les écrous 412 à l'intérieur de la serre.
- S'il n'est pas spécifié autrement, Ne serrez les vis et écrous (411 & 412) que de 2 à 3 tours, pas plus. Ne les serrez pas tant que l'assemblage n'est pas complètement terminé, sauf indication contraire. Ces deux icônes indiquent si le serrage des vis est nécessaire ou non.
- Bei einigen Schritten müssen allerdings eventuell ein paar Schrauben vorübergehend angezogen werden, um zu vermeiden dass ein Profil fällt.



14.10_V2

ES

IMPORTANTE
Por favor, lea estas instrucciones cuidadosamente antes de empezar a montar este invernadero.

Mantenga estas instrucciones en un lugar seguro para referencia futura.

» Servicio de Ayuda al Cliente

Para obtener ayuda con el montaje o para las piezas de recambio - por favor entre a nuestro sitio web o llame a nuestra línea de servicio (el número está en la página de título).

Información adicional se puede encontrar en nuestro sitio web:
www.palramapplications.com

» Consejo de Seguridad
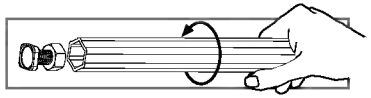
- Es de suma importancia montar todas las partes de acuerdo con las instrucciones. No se salte ningún paso.
- Recomendamos firmemente el uso de guantes de trabajo durante el montaje.
- Use siempre zapatos y gafas de seguridad al trabajar con aluminio extruido.
- Al usar una escalera plegable o herramientas eléctricas asegúrese de que sigue las instrucciones de seguridad de los fabricantes.
- No toque los cables eléctricos aéreos con los perfiles de aluminio.
- No intente montar el invernadero en días de viento o días con humedad.
- Disponga todas las bolsas plásticas en lugar seguro - guárdelas fuera del alcance de niños.
- Mantenga a los niños fuera del área de montaje.
- No se apoye ni empuje el invernadero durante la construcción.
- No coloque su invernadero en un área expuesta al viento excesivo.
- No intente montar este invernadero si usted está cansado, ha tomado drogas o alcohol o si usted es propenso a ataques de mareo.
- Artículos calientes recientemente usados tales como parrillas, sopletes etc. no deben ser almacenados en el invernadero. Asegúrese de que no haya ninguna tubería o cables ocultos en la tierra antes de insertar las clavijas.
- Este producto es designado a ser usado solamente como invernadero.

» Cuidados & Mantenimiento

Cuando su invernadero necesite limpieza, utilice una solución detergente suave y enjuague con agua limpia fría. NO UTILICE acetona, limpiadores abrasivos u otros detergentes especiales para limpiar los paneles. Se recomienda comprobar periódicamente que los paneles del techo>tapones (parte de plástico 329 y perfil 981) están colocados en el lugar.

» Herramientas & Equipos

- Cinta métrica
- Broca
- Guantes de trabajo
- Martillo grande
- Lubricante
- Llave inglesa
- Escalera plegable
- Destornillador cabeza de tornillo Phillips
- T001 – Herramienta especial para Tornillos 411 y Tuercas 412



» Antes del Montaje

☑ Seleccionar un lugar:

- El invernadero debe colocarse y fijarse en una superficie plana y nivelada.
- Escoja una ubicación soleada y apartada de árboles que la cubran.

☑ Recomendamos encarecidamente que el invernadero se fije directamente sobre cimientos de cemento sólido. Para hacer esto, utilice los agujeros previamente taladrados en la base de metal.

☑ Este montaje consta de varias partes y sería óptimo que lo realizasen dos personas. El proceso de montaje llevará alrededor de medio día.

☑ Extraiga todas las piezas de componentes de sus embalajes. Ordene las piezas y compruebe que están todas usando la lista de contenidos. Las piezas deberían colocarse cerca y tenerlas a mano. Ponga las piezas pequeñas (p. ej. tornillos) en un bol para no perderlas.

☑ Por favor, tenga en cuenta que este invernadero incluye perfiles con múltiples superficies. Como resultado, algunos de los agujeros de los perfiles no se utilizan durante el montaje.

☑ Por favor, revise todas las instrucciones antes de empezar. Siga los pasos del montaje en el orden exacto.

» Notas durante el montaje

- Puede utilizar spray lubricante de silicona para ayudarle a deslizar los paneles en los perfiles.
- No aplique spray sobre los paneles de policarbonato.
- Utilice un mazo de goma si es necesario.

Cuando vea el icono de información, por favor, acuda al paso de montaje correspondiente para ver comentarios y asistencia adicional.

Paso 5: las piezas **994** y **995** están en la parte trasera del invernadero. Al unirlas se establece la parte frontal del invernadero.

Pasos 8, 11: el agujero oval en las vigas **256** debería ajustarse siempre a la base del invernadero.

Paso 9, montaje de la puerta: determina la dirección de la puerta. La pieza **987** es la parte donde se colocarán las bisagras de la puerta. La puerta puede instalarse para abrirse tanto a la derecha como a la izquierda. Estas instrucciones muestran una instalación de puerta que abre a la derecha.

Montaje de ventana

Paso 31: decida la ubicación de la ventana antes del montaje. La ventana puede instalarse en una de las opciones indicadas.

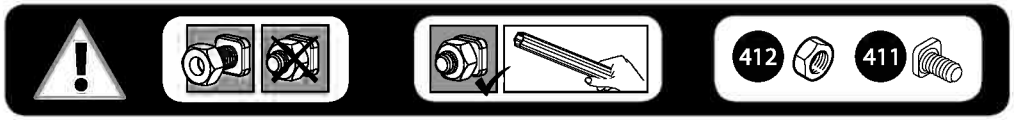
Paso 44: en el caso de que la ventana no cierre adecuadamente, por favor, extraiga los tornillos, ajuste el perfil y apriete los tornillos.

⚠ Recomendaciones importantes

- **Ajuste firmemente el invernadero en una posición nivelada inmediatamente después de completar su montaje.**
- **Para anclar el invernadero, utilice el kit de anclaje indicado por el fabricante.**
- **También puede anclar el invernadero taladrando los perfiles de la base y atándolo al suelo mediante tornillos de tierra o estacas (tornillos y estacas no incluidos).**
- **Apriete todos los tornillos de montaje al completar.**

Los tornillos 411 y las tuercas 412 son usados durante todo el proceso de montaje.

- Los tornillos 411 deben ser montados desde el exterior y las tuercas 412 desde el interior del invernadero.
- No apriete los tornillos y tuercas (411 y 412) más de 23- vueltas. No los apriete hasta terminar el montaje de los paneles, a menos que orientado de otra manera.
- Sin embargo, en algún paso puede ser necesario apretar de forma temporal algunos tornillos para evitar que se caiga un perfil.



14.10_V2

NL

BELANGRIJK
Lees deze instructies zorgvuldig voordat u begint met de montage van deze broeikas.
Bewaar deze instructies op een veilige plaats voor toekomstige referenties.

» Klantenservice

Voor assistentie met monteren, vervangen van onderdelen of elke andere aanvullende informatie log in op onze website of bel onze klantenservicelijn (nummer staat in het paginahoofd). www.palramapplications.com

» Veiligheidsadvies

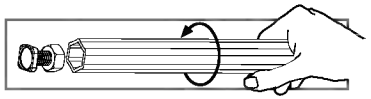
- Het is uiterst belangrijk alle onderdelen volgens de richtlijnen te monteren. Sla geen enkele stap over.
- Het is ten zeerste aanbevolen om werkhandschoenen te dragen tijdens de montage.
- Draag altijd schoenen en een veiligheidsbril als u met geëxtrudeerd aluminium werkt.
- Als u een ladder of electrisch gereedschap gebruikt, wees zeker dat u het veiligheidsadvies van de fabrikant volgt.
- Raak de bovengrondse electriciteitskabels niet aan met de aluminium profielen.
- Probeer de broeikas niet te monteren in winderige of natte omstandigheden.
- Verwijder alle plastic veiligheidszakken en houd ze buiten bereik van kleine kinderen.
- Houd kinderen uit het montagegebied.
- Leun niet of druk niet aan de broeikas gedurende de montage.
- Plaats uw broeikas niet in een gebied met overmatige wind.
- Probeer de broeikas niet te monteren indien u moe bent, drugs of alcohol gebruikt heeft of als u lijdt aan aanvallen van duizeligheid.
- Hete voorwerpen zoals recent gebruikte grillen, branders, enz. mogen niet in de broeikas opgeslagen worden. Verzeker dat er geen verborgen pijpen of kabels in de grond zijn voordat u de pinnen plaatst.
- Dit product is alleen ontworpen voor gebruik als broeikas.

» Verzorging & onderhoud

Indien uw broeikas moet worden schoongemaakt, gebruik dan een zachte oplossing met wasmiddel en spoel het met koud schoon water. GEBRUIK GEEN aceton, schuurmiddelen of andere speciale wasmiddelen voor het reinigen van heldere panelen.
Het is aanbevolen om regelmatig te controleren of de dakpanelen> kappen (plastic onderdeel 329 & profiel 981) op hun plaats zitten.

» Gereedschap & uitrusting

- Meetlint
- Werkhandschoenen
- Glijmiddel
- Phillips schroevendraaier
- Waterpas
- Siliconenspray
- Rubberen hamer
- Hamer
- Verstelbare spanner/ schroefsleutel
- T001



» Voor montage

☑ Selecteer een site:

- De kas dient geplaatst en gemonteerd te worden op een vlakke ondergrond.
- Kies een zonnige positie weg van overhangende bomen.

☑ We raden aan dat deze kas rechtstreeks wordt bevestigd op een solide cementen fundering. Wanneer dit gebeurt gebruik de voorgeboorde gaten in de metalen basis.

☑ Dit is een multi-part montage en kan heb beste worden gedaan door twee personen. Houd tenminste rekening met een halve dag voor het montageproces.

☑ Haal alle onderdelen uit de pakketten. Sorteer de onderdelen en controleer ze met de inhoudslijst. De onderdelen moeten vlak bij de hand gehouden worden.

Houd alle kleine onderdelen (schroeven, enz.) in een kom zodat ze niet verdwijnen.

☑ Let wel dat er meerzijdige profielen worden gebruikt in deze kas. Als gevolg kunnen er sommige gaten in de profielen zitten die niet worden gebruikt gedurende de montage.

☑ Lees de gehele instructies voordat u begint. Voer de montagestappen uit in de exacte volgorde.

» Aantekeningen bij de montage

- U kunt siliconenspray gebruiken om de panelen gemakkelijker in de profielen te schuiven.
- Spray niet de polycarbonaat panelen.
- Gebruik een rubberen hamer indien nodig.

Wanneer u een informatie-icoontje opmerkt, raadpleeg dan de relevante montagestap voor de bijkomende commentaar en assistentie.

Stap 5: Deel **994, 995** zijn achter in de kas. Het vastmaken daarvan bepaalt de voorkant van de kas.

Stappen 8, 11: Het ovalen gat in de dwarsbalken **256** moet altijd worden gemonteerd aan de basis van de kas.

Stap 9 Deur montage: Bepaalt de deurrichting. Deel **987** is de zijde waarop de deurscharnieren plaatsvinden. De deur kan aan de linker- of rechterhand geïnstalleerd worden. Deze instructies tonen een rechterhand deur montage aan.

Raam montage

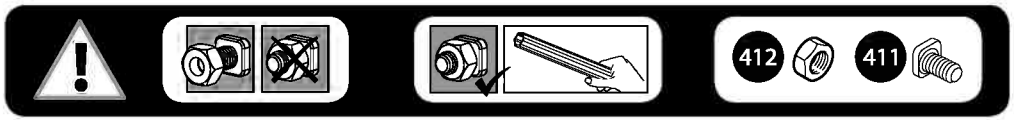
Stap 31: Bepaal de locatie van het raam voor de montage. Het raam kan in een van de aangewezen opties geïnstalleerd worden.

Stap 44: Als het raam niet goed sluit, kunt u de schroeven iets losser maken en het profiel bijstellen en draai de schroeven aan.

⚠ Belangrijke aanbevelingen

- **Sluit de kas stevig aan op een vlakke positie na het voltooien van de montage.**
- **Om de kas te verankeren gebruik de bijbehorende anker gereedschap van de fabrikant.**
- **Het verankeren van de kas kan ook gedaan worden door het boren van de basisprofielen en deze tebevestigen aan het grond door middel van grondschroeven en spijker (schroeven en spijker worden niet meegeleverd).**
- **Na het beëindigen van de montage moeten alle schroeven vastgedraaid worden.**

- Schroeven 411 en bouten 412 worden door het gehele montageprocess gebruik.
- Schroeven 411 moeten van de buitenkant gemonteerd worden en bouten 412 aan de binnenkant van de broeikas.
- Draai de schroeven en bouten (411 & 412) niet meer dan 23- draaien. Indien niet anders aangegeven, draai ze niet vast tot voltooiing van de panelen assemblage.
- In sommige stappen kan het nodig zijn om enkele schroeven tijdelijk vast te draaien om het omvallen van een profiel te voorkomen.



14.10_V2

DA

VIGTIGT
Læs disse instruktioner omhyggeligt, inden du begynder at samle drivhuset.
Opbevar disse instruktioner på et sikkert sted til senere brug.

» Kundeservice

For hjælp til samlingen eller til reservedele, gå venligst til vores websted eller ring til vores kundeservice (nummeret findes på forsiden).

Yderligere oplysninger findes på vores websted: www.palramapplications.com

» Sikkerhedsadvarsel

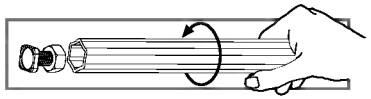
- Det er meget vigtigt, at alle dele samles i henhold til anvisningerne. Spring ikke noget trin over.
- Vi anbefaler stærkt, at der anvendes arbejdshandsker under samlingen.
- Vær altid iført sko og anvend sikkerhedsbriller, når der arbejdes med ekstruderet aluminium.
- Hvis der bruges en trappestige eller elektrisk værktøj, skal producentens sikkerhedsanvisninger følges.
- Berør ikke luftledninger med aluminiumsprofilerne.
- Forsøg ikke at samle drivhuset, når det blæser eller er vådt i vejret.
- Bortskaf alle plastikposer på sikker måde. Hold dem udenfor små børns rækkevidde.
- Hold børn væk fra stedet, hvor samlingen foregår.
- Læn dig ikke mod drivhuset og skub ikke til det under monteringen.
- Anbring ikke drivhuset på et sted med kraftig vind.
- Forsøg ikke at samle drivhuset, hvis du er træt, er under indflydelse af narkotika, medicin eller alkohol, eller hvis du har tendens til svimmelhed.
- Varme ting såsom netop brugte griller, blæselamper osv må ikke opbevares i drivhuset. Inden du anbringer naglerne, skal du kontrollere, at der ikke findes skjulte rør eller kabler i jorden.
- Dette produkt er kun beregnet til at blive brugt som drivhus.

» Pasning og vedligeholdelse

Rengør drivhuset med en mild sæbeopløsning og skyl efter med rent, koldt vand.
Brug IKKE acetone, slibende rengøringsmidler eller andre særlige rengøringsmidler til rengøring af de gennemsigtige paneler.

» Værktøj og udstyr

- Målebånd
- Arbejdshandsker
- Plastik- eller gummihammer
- Smøremiddel
- Nivelleringsanordning
- Silikonespray
- Gummihammer
- Hammer
- Justerbar skruenøgle / svensknøgle
- T001



» Før justering

- ☑ Valg af sted:
  - Drivhuset skal placeres og opføres på en plan flade
  - Vælg et solrigt sted uden overhængende træer
- ☑ Vi anbefaler kraftigt, at dette drivhus fæstnes direkte til et solid betonfundament. Når du gør dette, kan du anvende de på forhånd borede huller i metalfundamentet
- ☑ Dette er et samlesæt med mange dele som lettest samles ved hjælp af to personer. Afsæt mindst en halv dag til at samle drivhuset
- ☑ Tag alle dele ud af indpakningen. Sorter delene og tjek dem mod indholdslisten. Placer delene, så du let kan nå dem.
  Opbevar alle små dele (skruer etc.) i en skål, så de ikke bliver væk
- ☑ Vær opmærksom på, at der anvendes flersidede profiler i dette drivhus. Derfor anvendes nogle huller i profilerne ikke i forbindelse med samlingen af drivhuset
- ☑ Gennemgå hele vejledningen, før du går i gang. Udfør samlingen i den præcist angivne rækkefølge

» Bemærkninger i forbindelse med samlingen

- Du kan anvende silikone-smøremiddel som hjælp til at få panellerne ind profilerne
- Spray ikke på polycarbonate-pladerne
- Brug en gummihammer om nødvendigt

Når støder ikonet, information, henvises der til den relevante samling skridt for yderligere kommentarer og assistance.

Trin 5: Del **994, 995** skal være bagerst i drivhuset. Ved at fæstne dem bestemmes for- og bagenden af drivhuset.

Trin 8, 11: Det ovale hul i tværstængerne **256** bør altid samles ved drivhusets bund.

Trin 9 Samling af dør:
Afgør dørens retning. Del **987** er den side, hvor dørens hængsler er placeret. Døren kan installeres i enten højre eller venstre side. Denne vejledning viser samlingen af en højresidet dør.

Samling af vindue

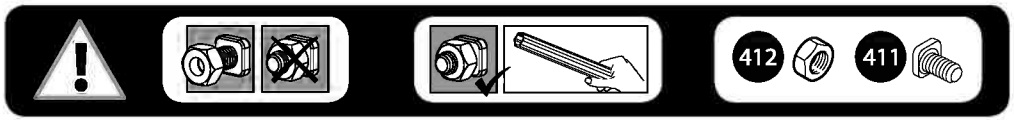
Trin 31: Afgør vinduets placering før samling. Vinduet kan installeres i en af de angivne muligheder.

Trin 44: I tilfælde af at vinduet ikke lukker ordentligt, kan du løsne skruerne, justere profilen og stramme skruen.

⚠ Vigtige anbefalinger

- **Sørg for at fæstne drivhuset grundigt til et jævnt fundament udenmiddelbart efter det er færdigsamlet**
- **Anvend det angivne fastgøringssystem fra producenten til at fæstne drivhuset**
- **Drivhuset kan også fæstnes ved at bore profilerne til fundamentet og fæstne dem til fundamentet ved hjælp af jordbaserede skruer og pigge (følger ikke med sættet)**
- **Spænd alle skruer, når du gennemfører samling.**

Skruerne 411 og møtrikkerne 412 bruges under hele samlingen.
- Skruer 411 skal skrues i udefra og møtrikkerne sættes på indenfor i drivhuset.
- Stram ikke skruer og møtrikker (411 og 412) mere end to-tre omgange. Hvis ikke andet er anført, skal de ikke strammes, før panelerne er samlet.
- I nogle dele af samlingsprocessen kan en midlertidig stramning af nogle af skruerne være nødvendigt for at forhindre en profil i at vælte



14.10_V2

FI

TÄRKEÄÄ
Lue ensin huolellisesti nämä ohjeet ennen kasvihuoneen asentamista ..
Säitytä nämä ohjeet turvassa vastaisuuden varalta

» Asiakas palvelu

Jos tarvitset apua / neuvoja asennukseen tai osien vaihtoon – käänny meidän kotisivujen, sähköpostin puoleen tai soita jälkimarkkinointiimme (tiedot löytyvät kansilehdestä).

Lisäinformaatiota löydät valmistajan sivuilta www.palramapplications.com

» Turvallisuus ohje

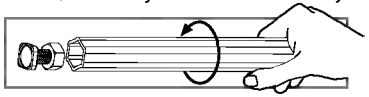
- Ensisijaisen tärkeätä on noudattaa asennusohjeen järjestystä ja ohjeita – älä jäätä mitään tekemättä.
- Suosittelemme suojakäsineiden käyttöä asennustyössä.
- Käytä aina tukevia kenkiä ja suojalaseja työskennellässäsi metallituotteiden kanssa.
- Jos käytät tikkaita , apuvälineitä , akkuporakonetta - varmista aina myös työkalu valmistajan käyttöohjeet.
- Älä kosketa sähköjohtoja tai lähteitä metallisten esineiden kanssa.
- Älä yritä pystyttää / asentaa kasvihuonetta tuulisella , sateisella tai huonolla säällä.
- Hävitä huolellisesti kaikki muoviset pakkaustuotteet ja varmista ettei ne pääse pienten lasten lähettyville.
- Pidä lapset loitolla työskentely alueelta ja pidä myös alue aina siistinä.
- Älä työnnä tai nojaa kasvihuoneen rakenteisiin asennusvaiheen aikana.
- Valitse huolella kasvihuoneen sijainti , siten ettei se ole alttiina kovalle tuulelle tai ylimääräisille lumikuormille.
- Älä yritä asentaa tätä kasvihuonetta puolikuntoisena , väsyneenä , päihteiden taikka lääkityksen vaikutuksen alaisena.
- Kuumat tuotteet kuten grillit , polttotyökalut , terassilämmittimet tulee säilöä mualla kuin kasvihuoneessa. Varmista että maahankiinnitys on turvallista ja ettei maaperässä ole putkia tai sähköjohtoja.
- Tämä tuote on suunniteltu ainoastaan kasvihuoneeksi.

» Huolto & ylläpito

Kun kasvihuoneesi kaipaa pesua & puhdistusta, käytä ainoastaan mietoa saippuavettä ja huuhtele runsaalla kylmällä vedellä. ÄLÄ KÄYTÄ acetoonia, liuottimia tai muita voimakkaita puhdistusaineita – ei myöskään mäntyöljypohjaisia aineita. On suositeltavaa että asennuksen kunto tarkistetaan säännöllisesti , kattolevyt > kiinnikkeet (muoviset osat 329 & profiilit 981) ovat paikoillaan.

» Työkalut & Välineet

- Mittanauha
- Työkäsineet
- Liukastusaine
- Ristipää ruuvimeisseli
- Tasoitin
- Silikonisuihke
- Kumivasara
- Vasara
- Säädettävä ruuviavain / Jakoavain
- T001 (valmistajan tekemä erikoistyökalu, mukana toimituksessa)



» Ennen kokoamista

- [x] Sijainnin valinta:
  - Kasvihuone tulee asettaa ja kiinnittää tasaiselle alustalle.
  - Valitse aurinkoinen paikka, jonka yllä ei roiku oksia.
- [x] Suosittelemme, että tämä kasvihuone kiinnitetään suoraan kiinteään betonialustaan. Tällöin voit käyttää metallipohjaan valmiiksi ruuvattuja reikiä.
- [x] Kokoaminen on moniosainen työ, jonka suorittaa parhaiten kaksi henkilöä. Varaa ainakin puoli päivää kokoamisprosessille.
- [x] Ota kaikki osat ulos pakkauksistaan. Lajittele osat ja tarkista sisällysluettelosta, että ne ovat kaikki tallella. Osat tulee asetella käden ulottuville. Pidä pienet osat (ruuvit yms.) kulhossa, jotta ne eivät katoa.
- [x] Huomaa, että tässä kasvihuoneessa käytetään monisivuisia tukirankoja, joten kaikkia niissä olevia reikiä ei käytetä kokoamiseen.
- [x] Lue koko käyttöohje ennen aloittamista. Suorita kokoamisvaiheet tarkassa järjestyksessä.

» Huomioitavaa kokoamisen aikana

- Voit käyttää silikoniliukastesuihketta auttaaksesi levyjä liukumaan tukirankoihin.
- Älä suihkuta polykarbonaattilevyjen päälle.
- Tarvittaessa käytä kumivasaraa.

Asennuksen aikana tulet kohtaamaan tietokuvake katso asiaa kokoonpanoon askel lisäkommentteja ja apua.

Vaihe 5: Osat **994 ja 995** ovat kasvihuoneen takaosassa. Niiden kiinnittäminen määrää kasvihuoneen etuosan.

Vaiheet 8, 11: 256-poikkirautojen soikeat reiät tulee aina kiinnittää kasvihuoneen pohjaan.

Vaihe 9 Oven asennus: Määrää oven suunnan. Osa nro. **987** on se, johon oven saranat tulevat. Oven voi asentaa vasemmalle tai oikealle aukeavaksi. Nämä ohjeet ovat oikealle avautuvan oven mukaiset.

Ikkunan asennus

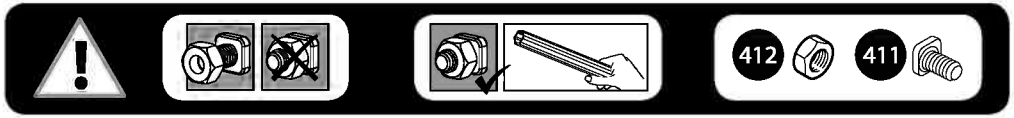
Vaihe 31: Päätä ikkunan sijainti ennen asennusta. Ikkuna voidaan asentaa johonkin osoitetuista paikoista.

Vaihe 44: Jos ikkuna ei sulkeudu oikein, irroita ruuvit, säädä tukirankaa ja kiristä ruuvit uudelleen.

⚠ Tärkeitä suosituksia

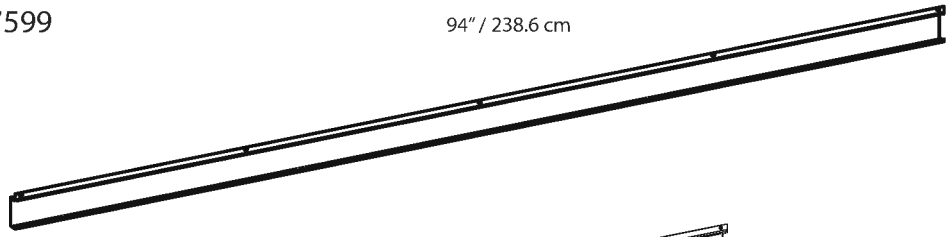
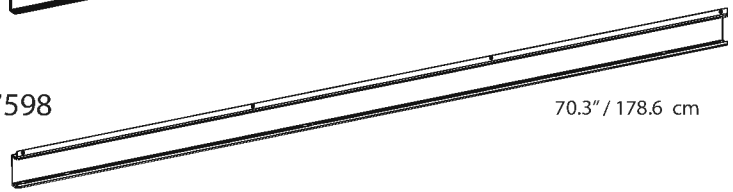
- **Kiinnitä kasvihuone tukevasti vaakasuoralle alustalle heti kokoamisen jälkeen.**
- **Käytä asianmukaista valmistajan ankkurointisarjaa kasvihuoneen ankkurointiin.**
- **Kasvihuone voidaan ankkuroida myös poraamalla rei'ät pohjaprofiileihin ja kiinnittämällä profiili maahan maaruuvein tai piikein (ruuvit ja piikit täytyy hankkia erikseen).**
- **Kiristä kaikki ruuvit täyttäessään kokoonpano.**

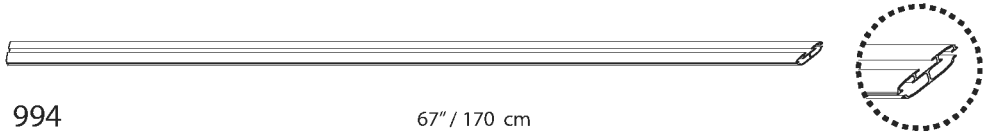
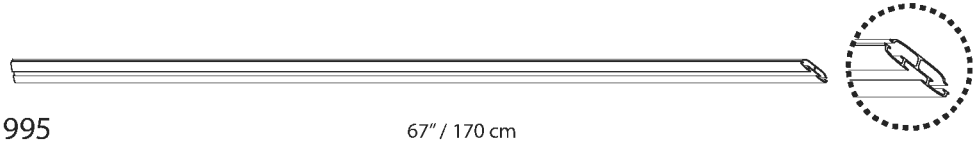
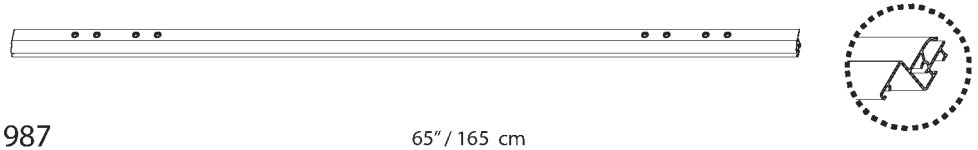
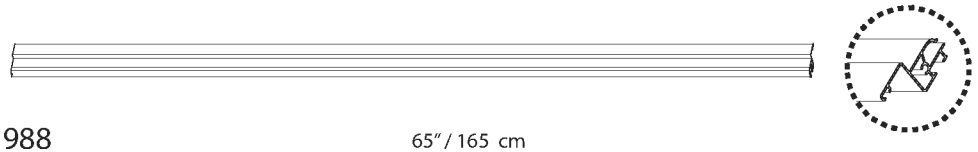
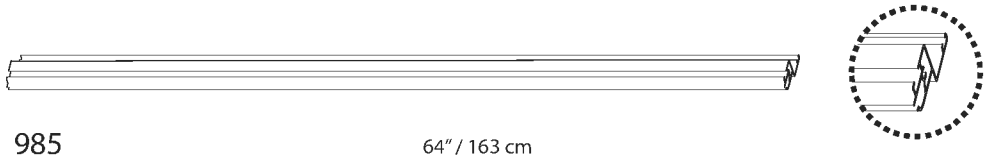
Ruuvit 411 ja mutterit 412 ovat yleisesti käytössä koko kasvihuoneen osalta.
- Ruuvit 411 asennetaan ulko sisäänpäin ja mutterit 412 kiristetään sisäpuolelta
- Älä kiristä tiukkaan alkuvaiheessa ruuveja ja muttereita(411 & 412) sormitkiristystä enempää.
- Tarvitset ruuvien suomaa säätöväljyyttä levykiinnityksiin asti. Lopussa kaikki liitokset tulee kiristää työkaluilla tiukasti kiinni.
- Joissakin vaiheissa muutaman ruuvin väliaikainen kiristys voi olla kuitenkin tarpeen tukirangan kaatumisen estämiseksi.



14.10_V2

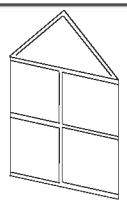
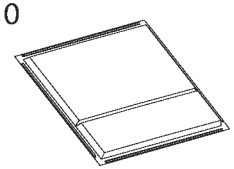
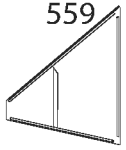
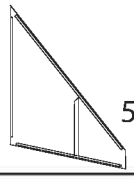
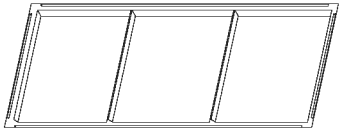
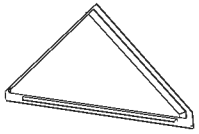
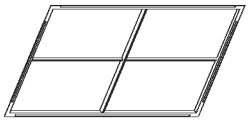
Contents

Item		Qty.
7599	94" / 238.6 cm 	2
7598	70.3" / 178.6 cm 	2
997	94" / 239 cm 	2
998	94" / 239 cm 	1
287	70" / 178 cm 	1

Item		Qty.
994	67" / 170 cm 	1
995	67" / 170 cm 	1
987	65" / 165 cm 	1
988	65" / 165 cm 	1
985	64" / 163 cm 	2

Contents

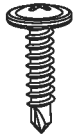
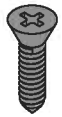
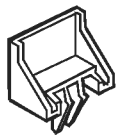
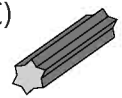
Item		Qty.
256	51" / 129 cm	8
993	46" / 117 cm	12
996	46" / 117 cm	8
7602		4
3017	21" / 53 cm	2
3016	64" / 163 cm	1

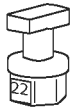
Item		Qty.
553		1
7010		2
559		2
560		2
7011		20
570		1
567		2

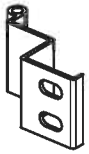
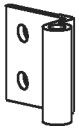
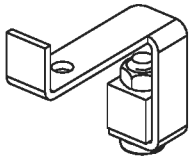
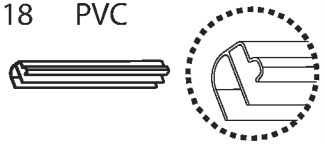
Item		Qty.
989	24" / 61.5 cm	1
991	24" / 61.5 cm	1
992	23" / 58 cm	2
984	22" / 55 cm	2
981	22.3" / 56 cm	8

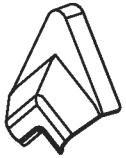
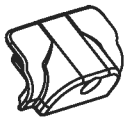
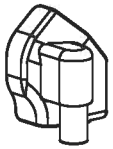
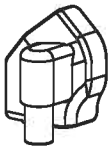
Item		Qty.
286	24" / 61 cm	2
999	22" / 56 cm	5
986	25" / 63 cm	1
983	18.5" / 47 cm	1
990	22" / 56 cm	1

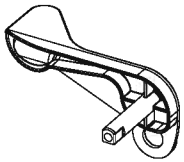
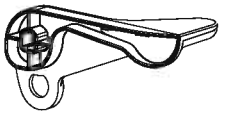
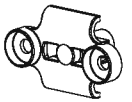
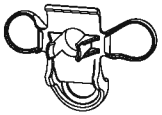
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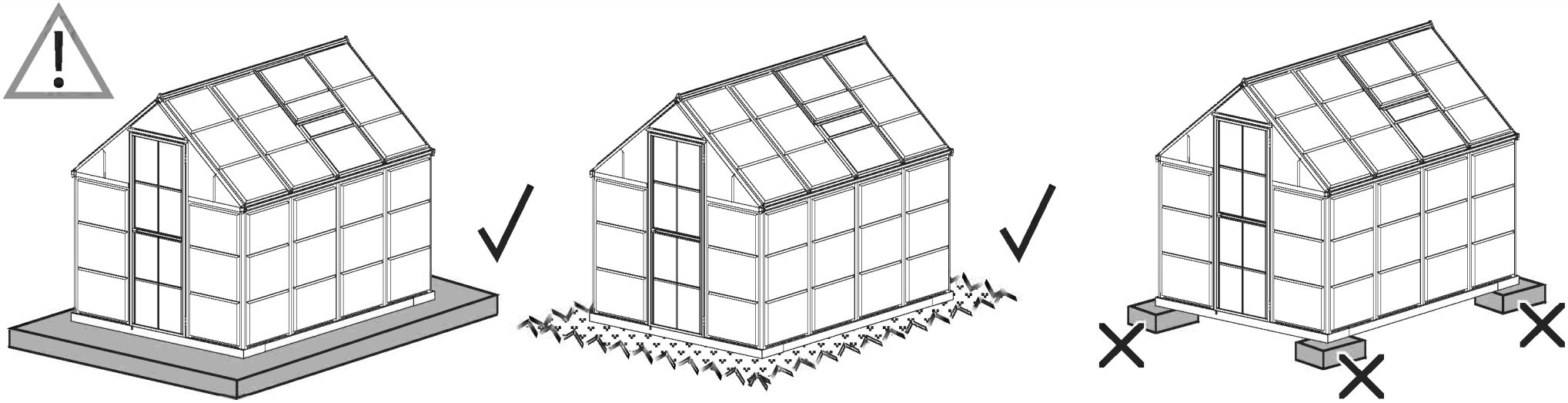
Item		Qty.
4008		8 (+1)
4043		8 (+1)
7442		20 (+2)
328		26 (+1)
7009 (PVC)		2 (+1)

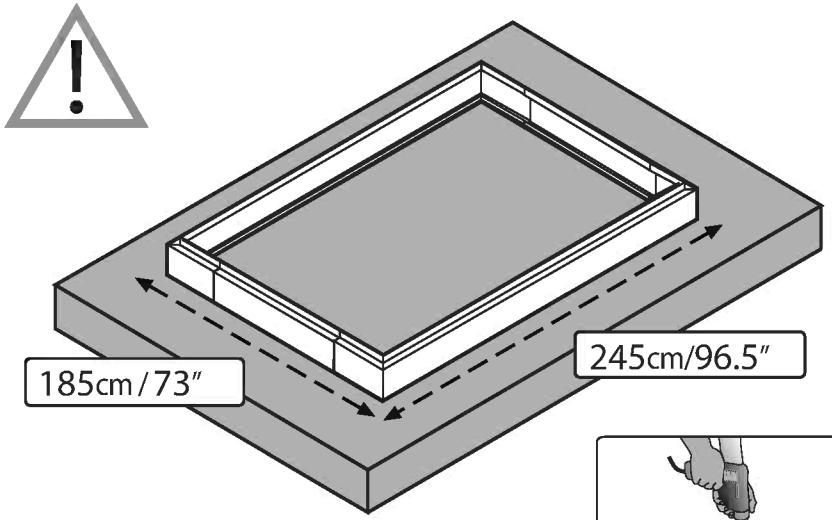
Item		Qty.
411		106 (+6)
412		106 (+6)
99		1
22		2
288		3
T001		1

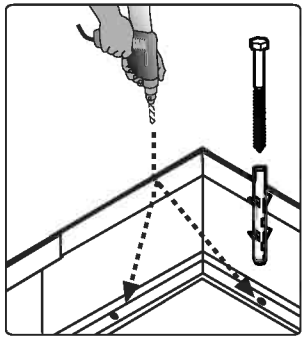
Item		Qty.
463		2
462		2
464		4
465		8 (+1)
422		8 (+1)
4037		1
318 PVC		16

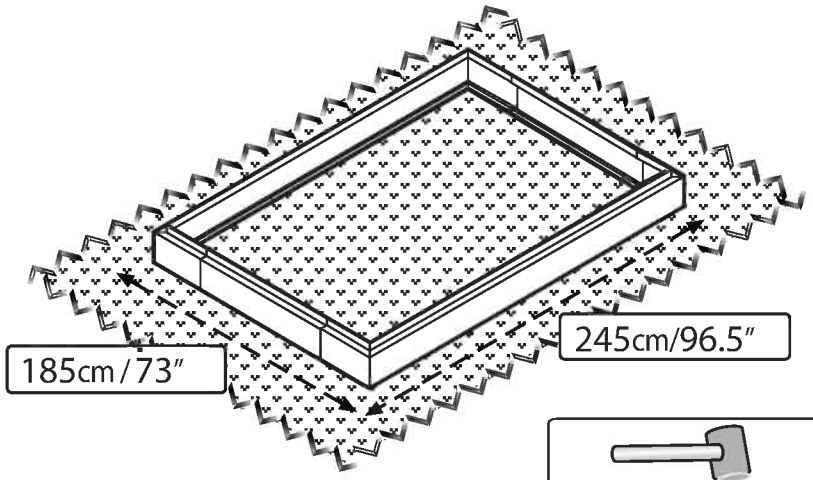
Item		Qty.
343		2
329		6
344L		2
344R		2

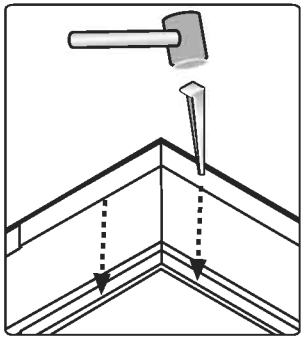
Item		Qty.
7083		1
7084		1
7085		1
7086		1
7088	 M4 x 50mm	1
423	 M4	1



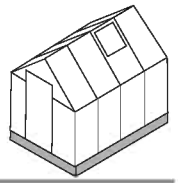

185cm / 73″
245cm/96.5″

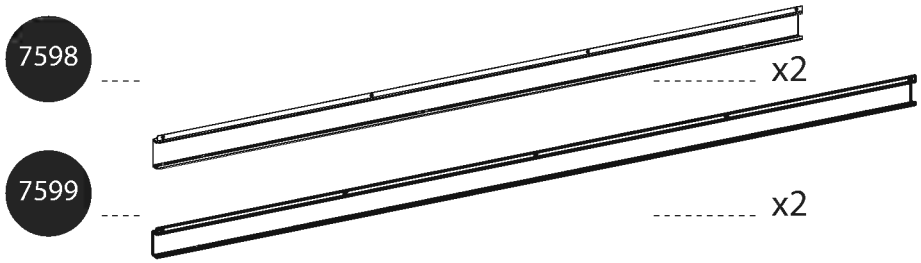


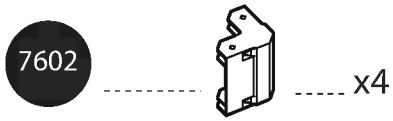

185cm / 73″
245cm/96.5″

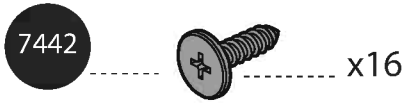


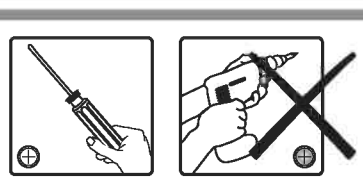
1




7598
x2
7599
x2

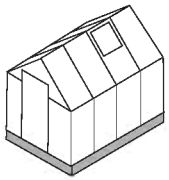

7602
x4

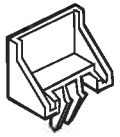

7442
x16

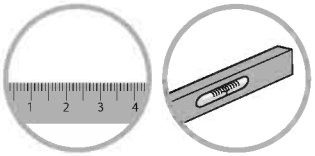


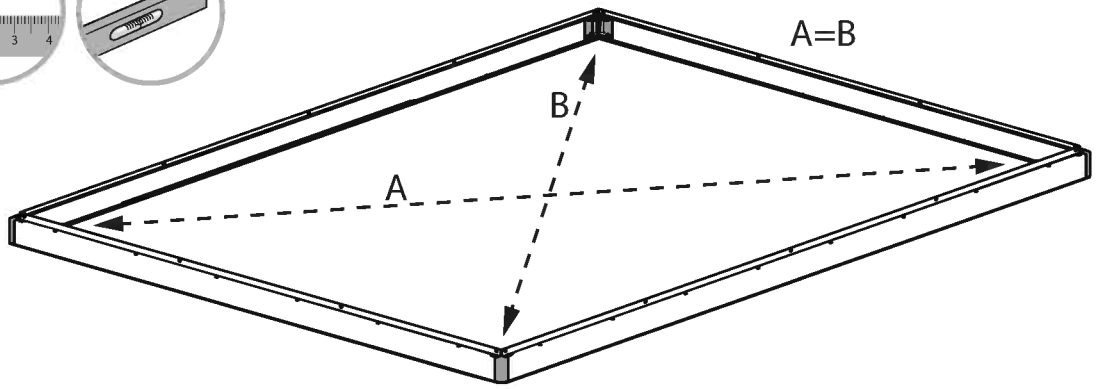
7602
7599
7598
7602
7602
7598
7599
7602
7442
7442

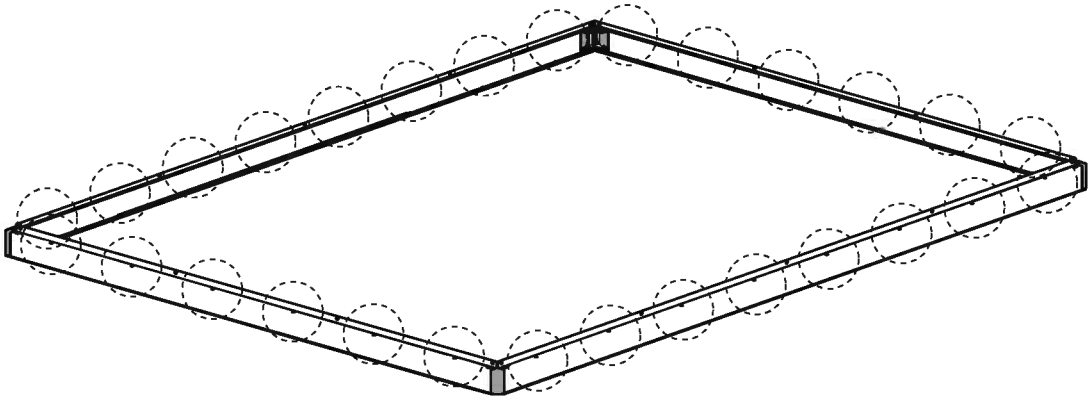
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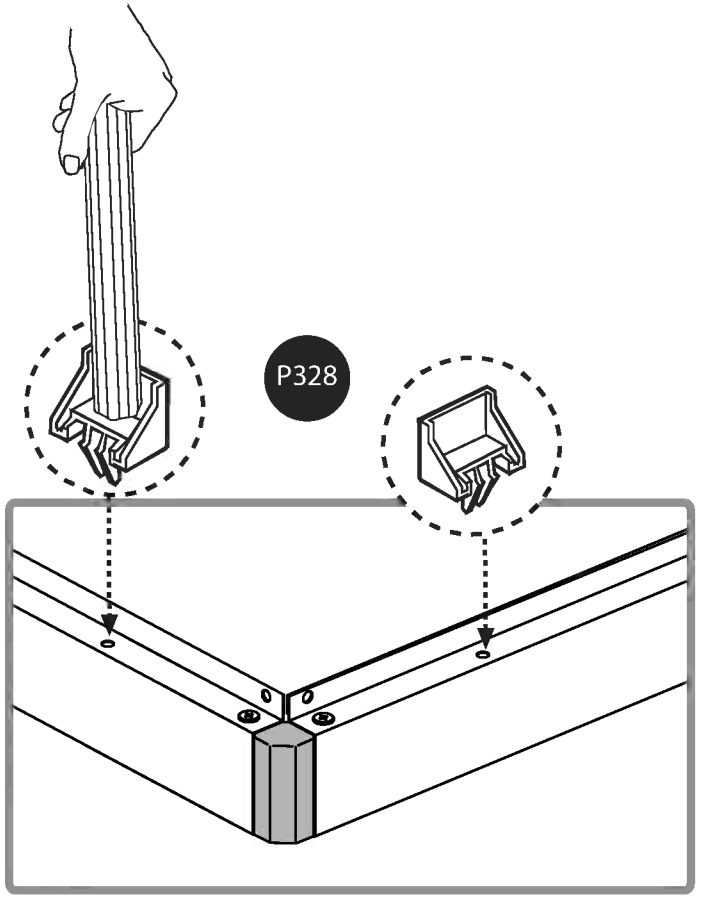


P328 ------  ---------- x26

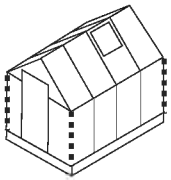








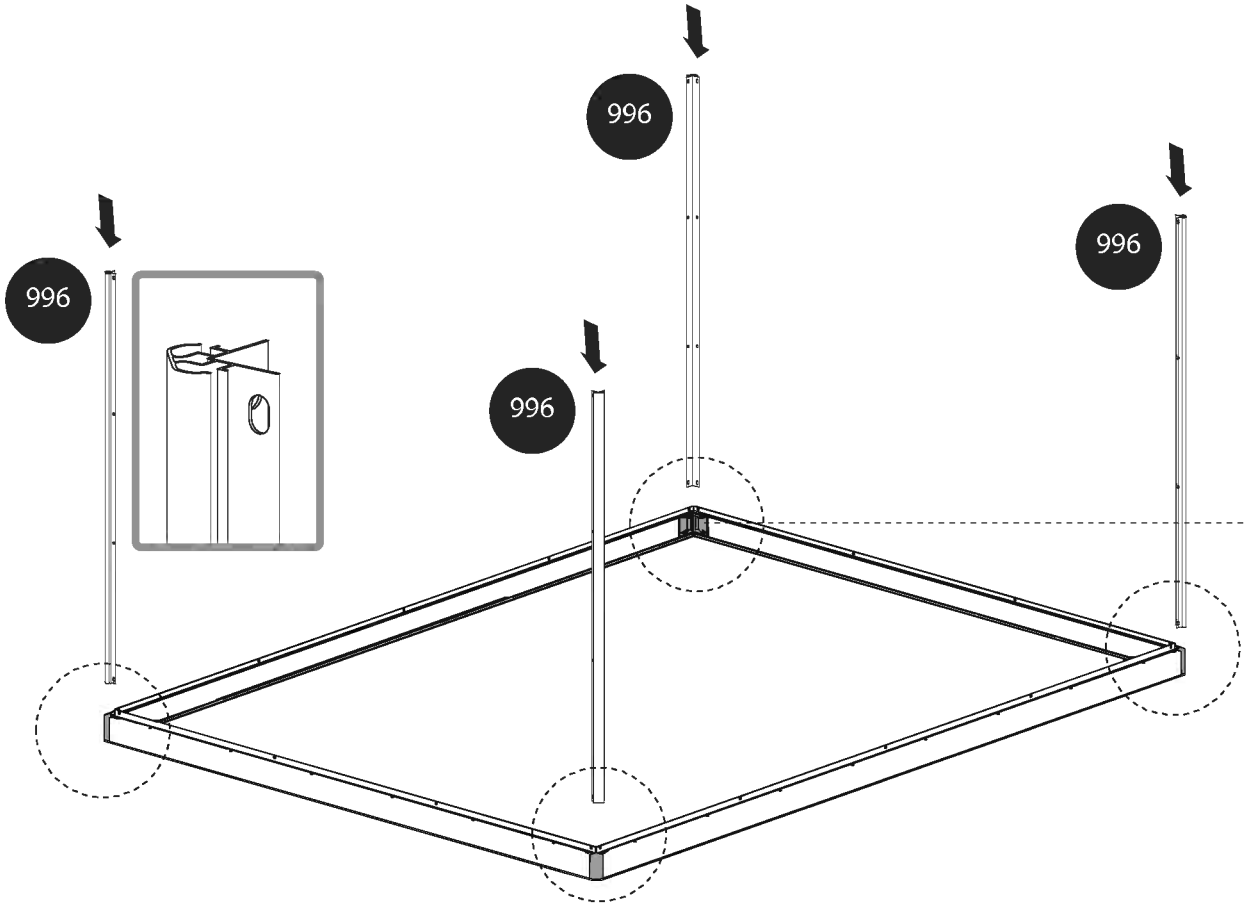
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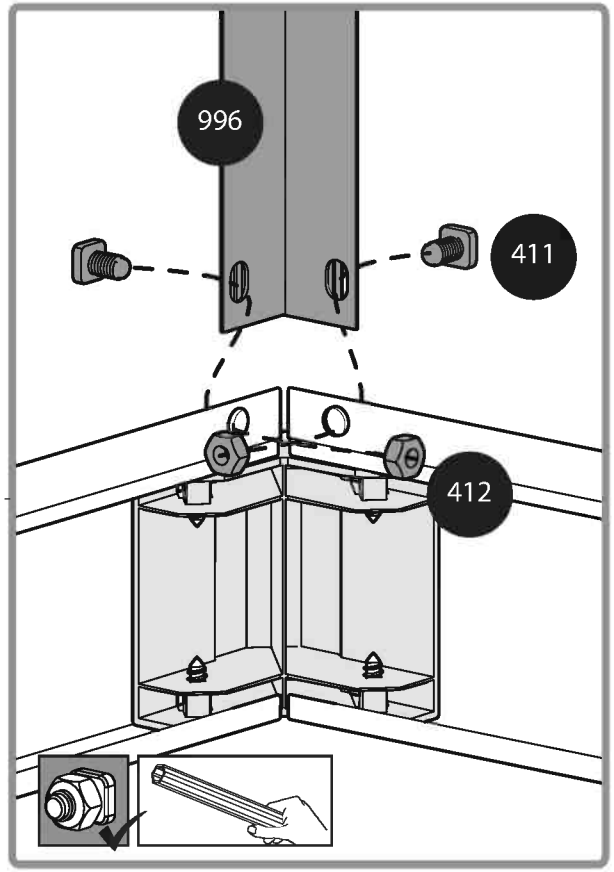


996 x4

412 x8

411 x8

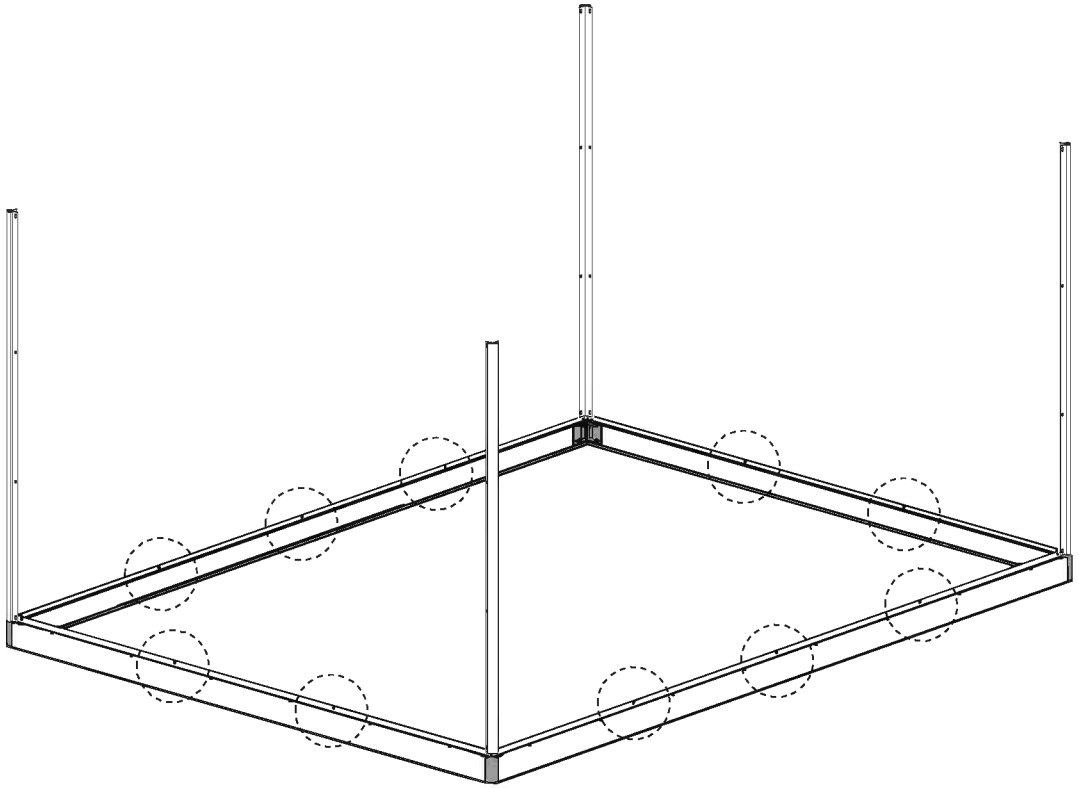


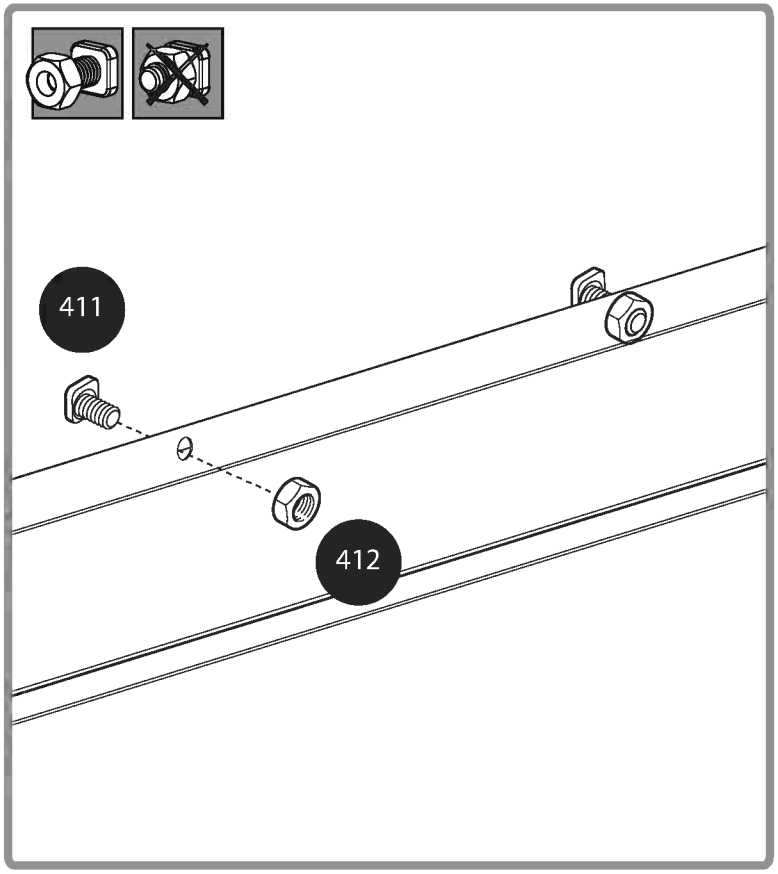


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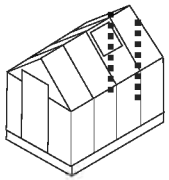
412 ----------  ----- x10

411 ----------  --- x10



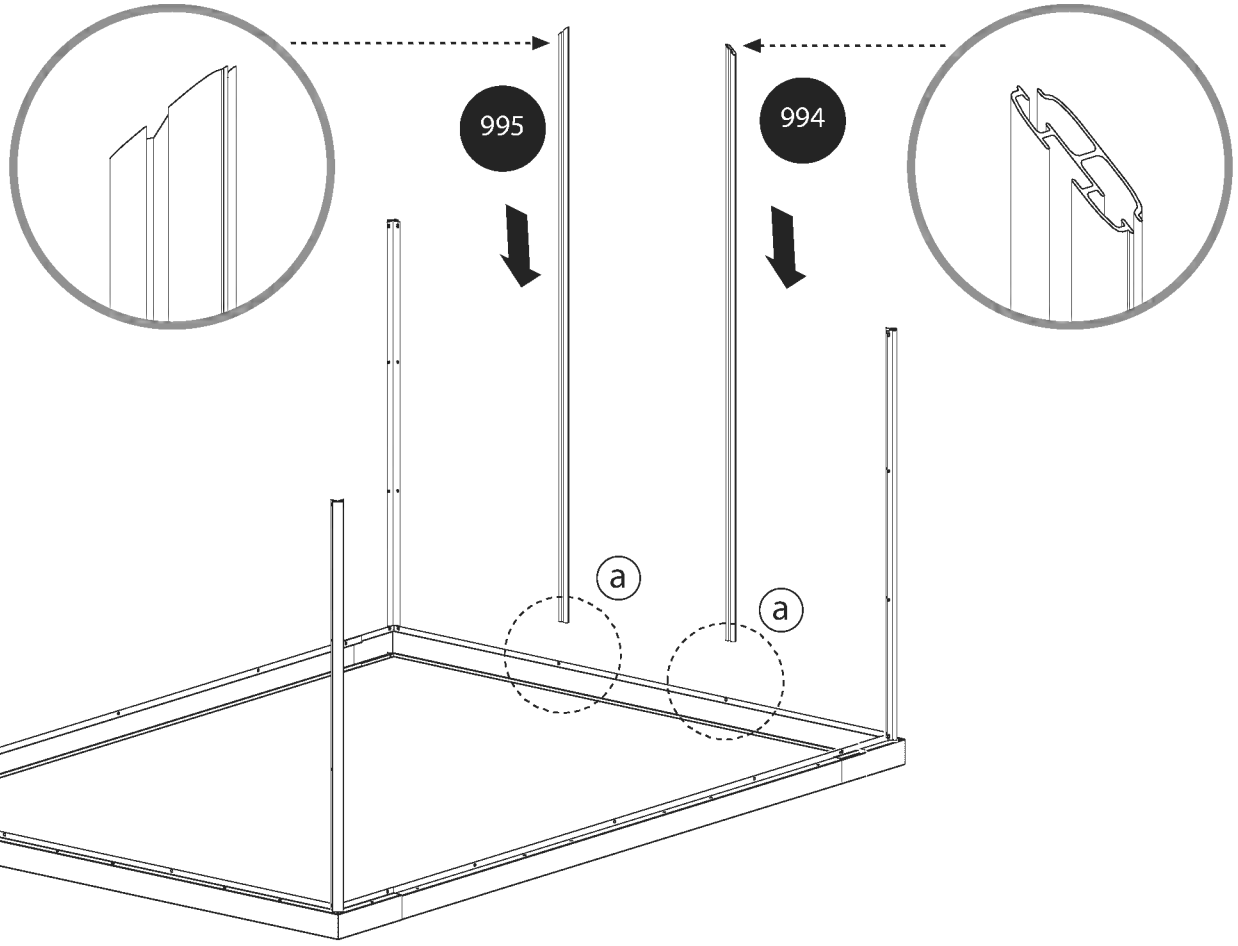


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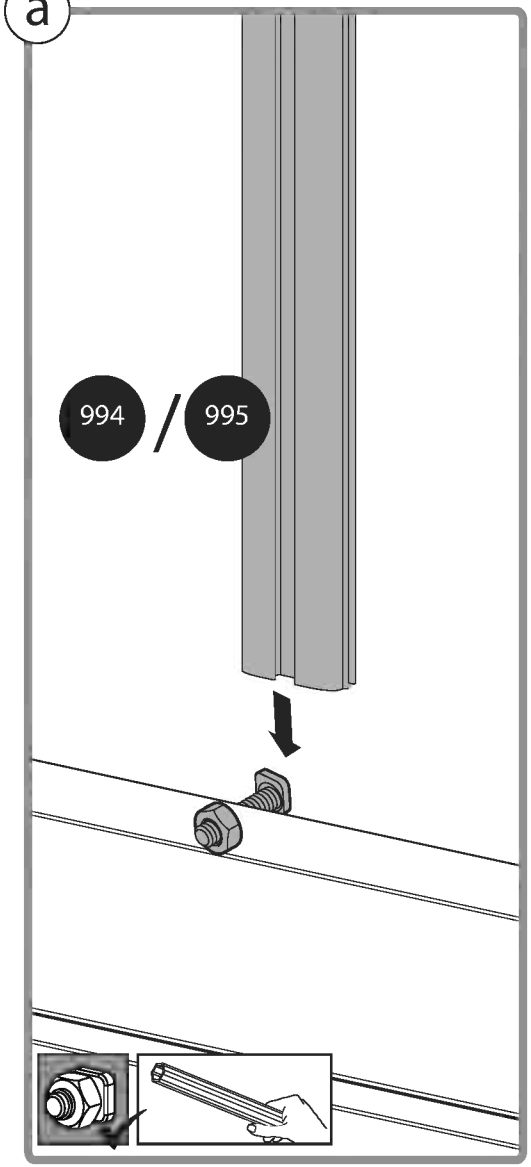


994 x1

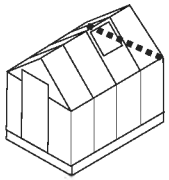
995 x1



a



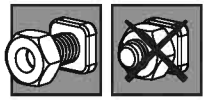
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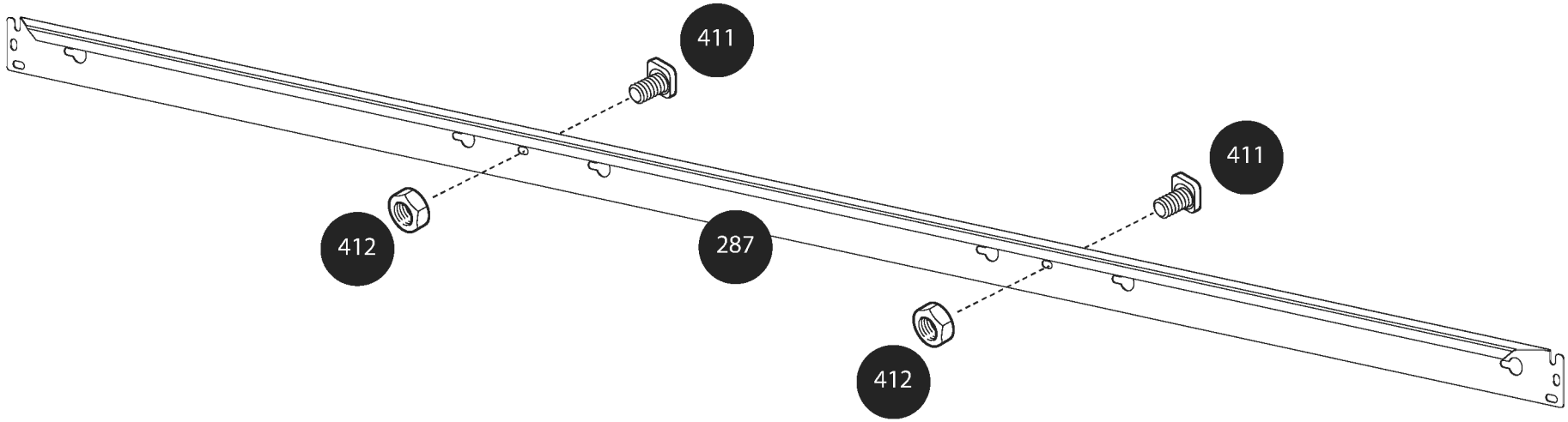


287 x1

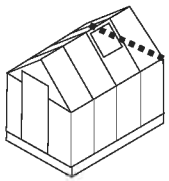
412 x2

411 x2



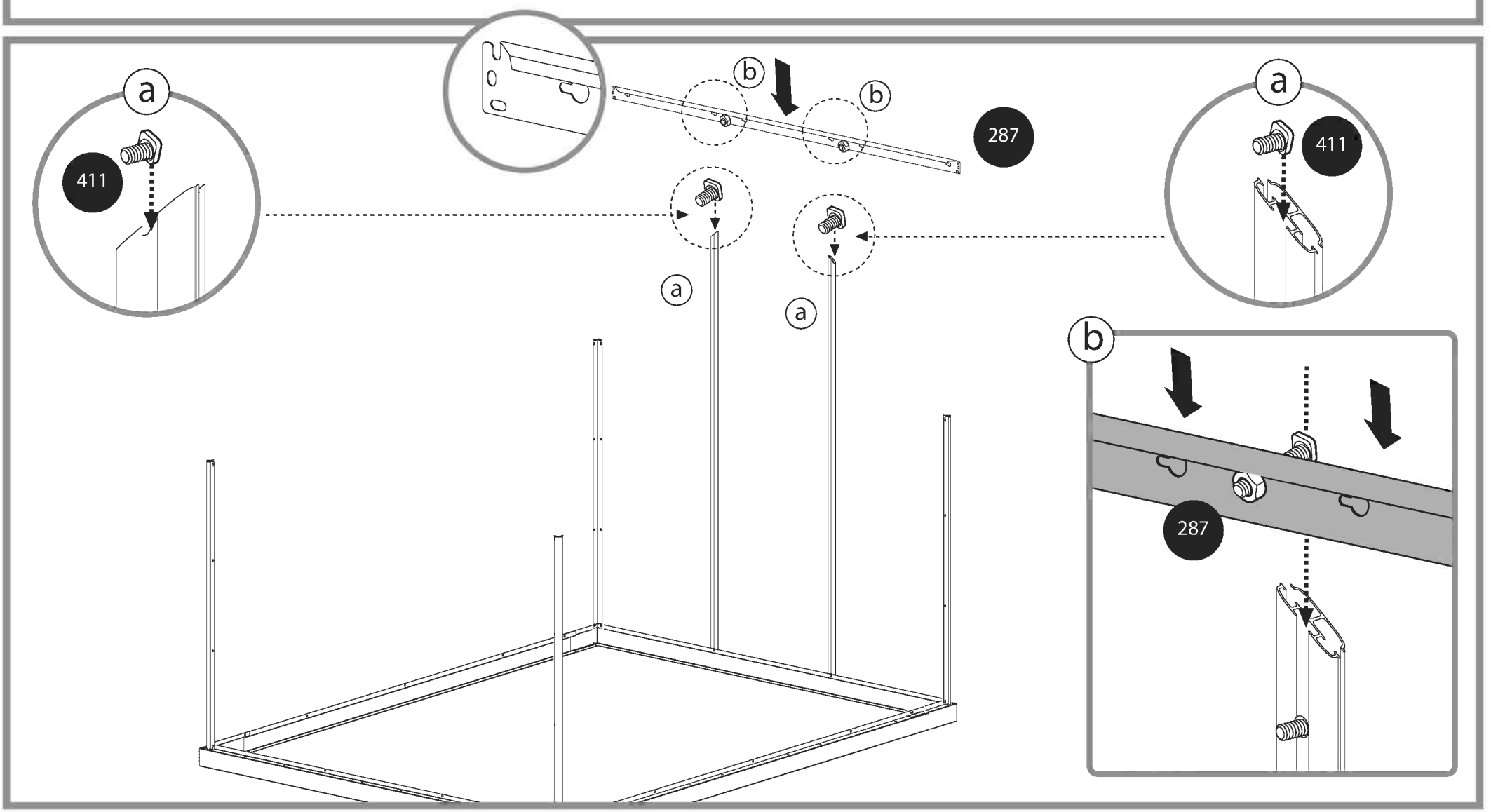


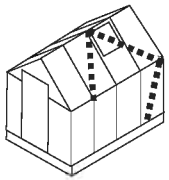
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287 x1

411 x2

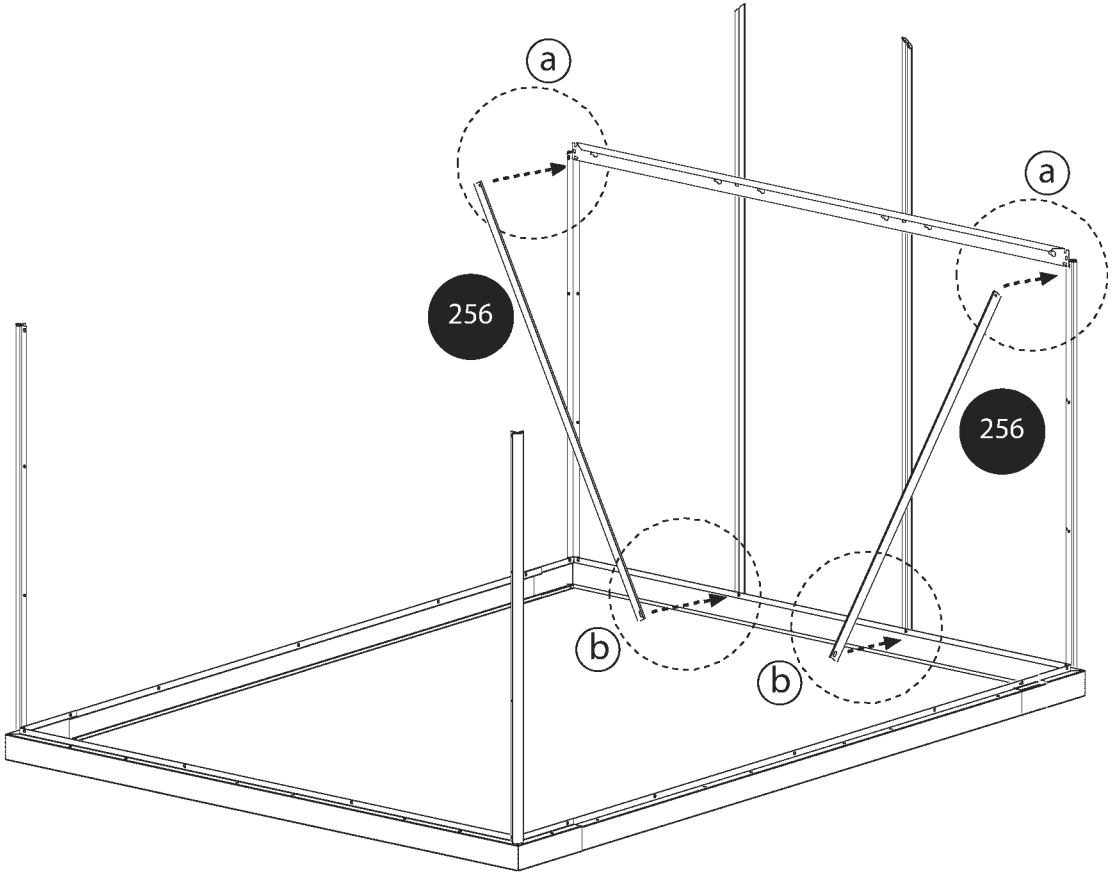


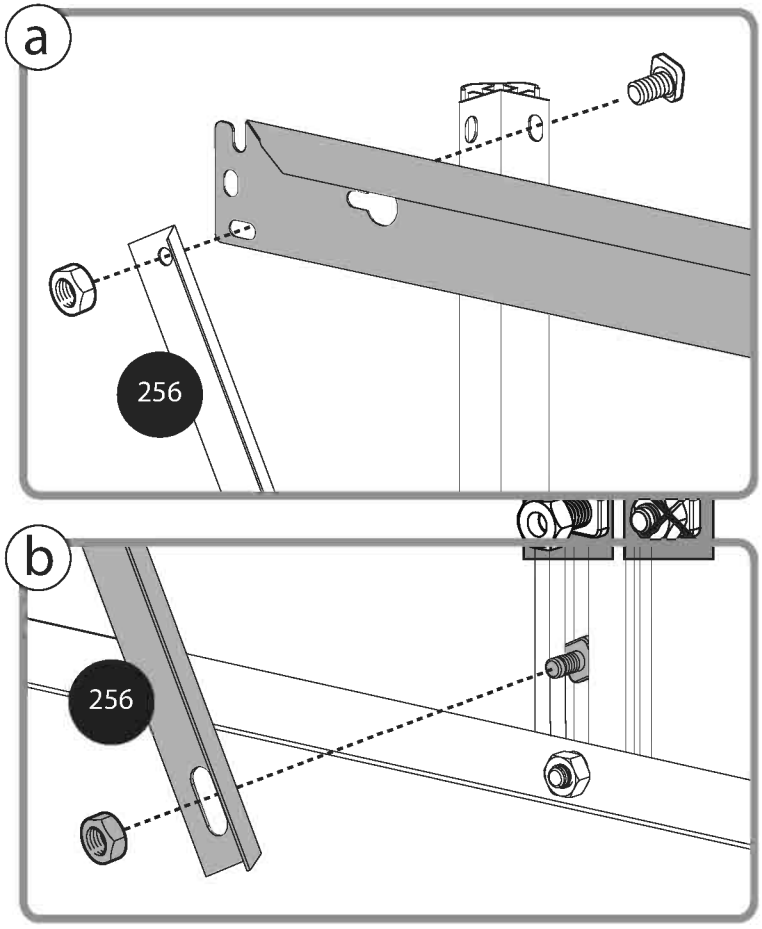


256 ..... x2

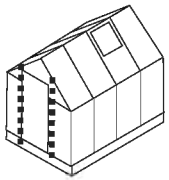
412 ..... x4

411 ..... x2



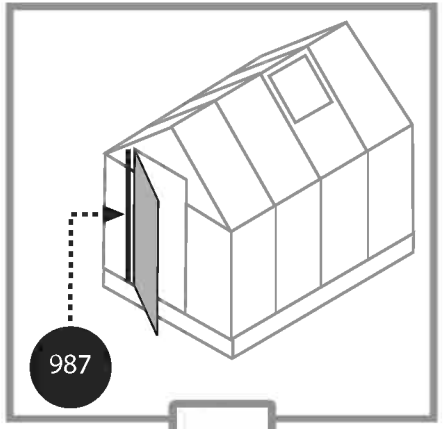


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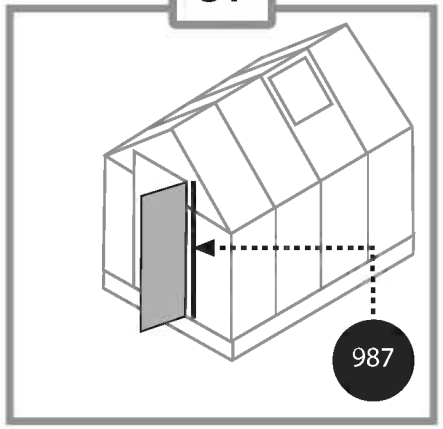


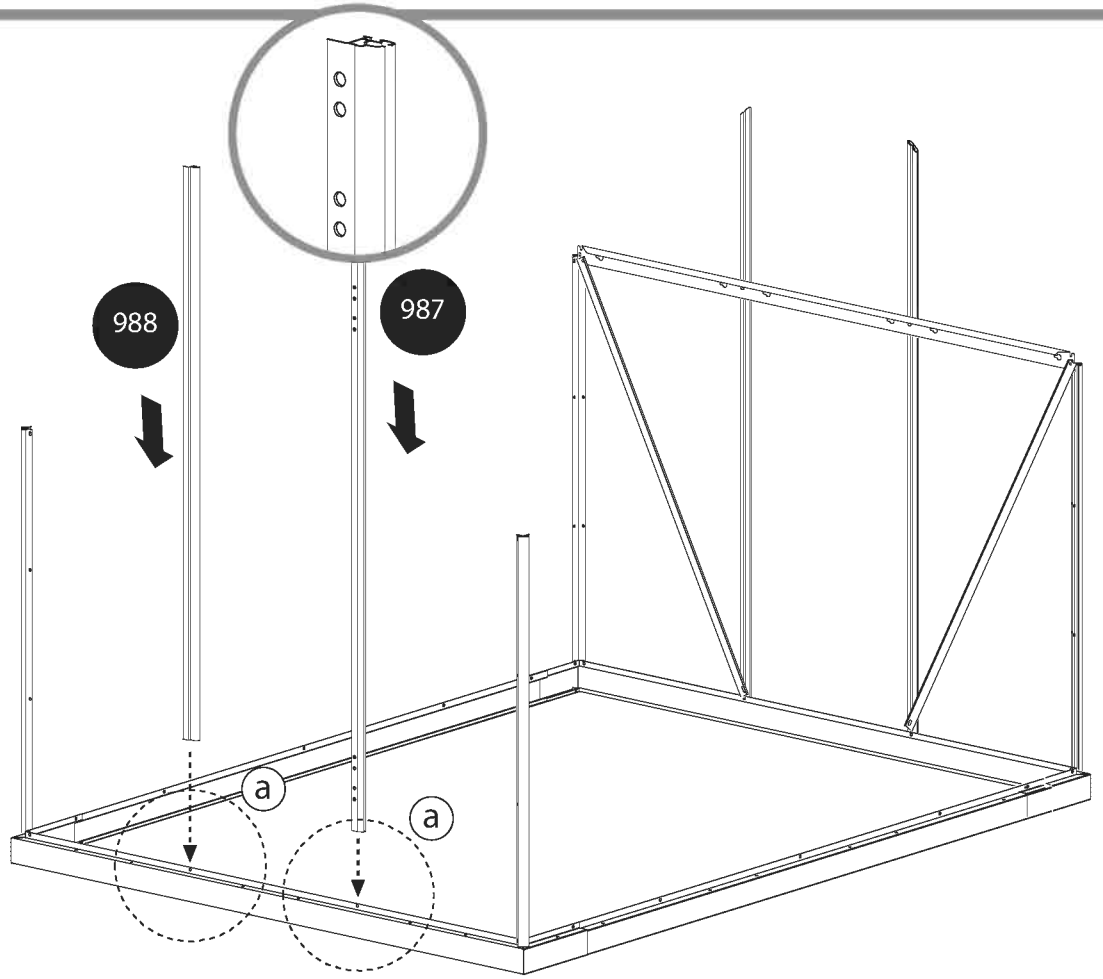
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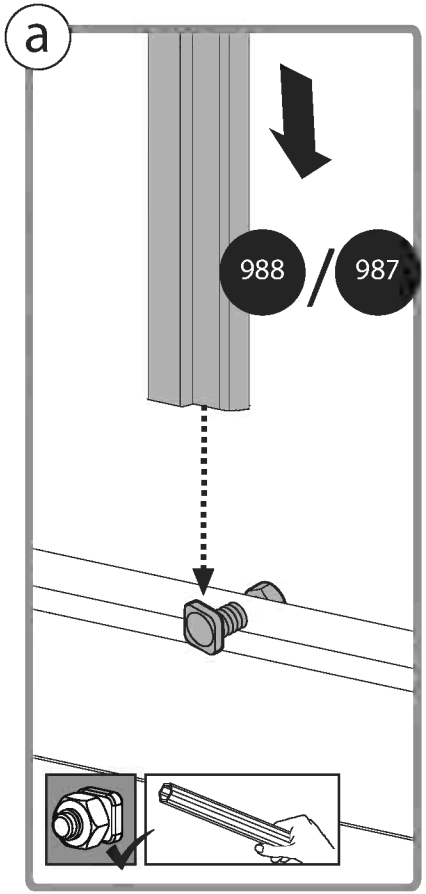
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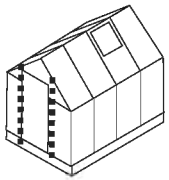
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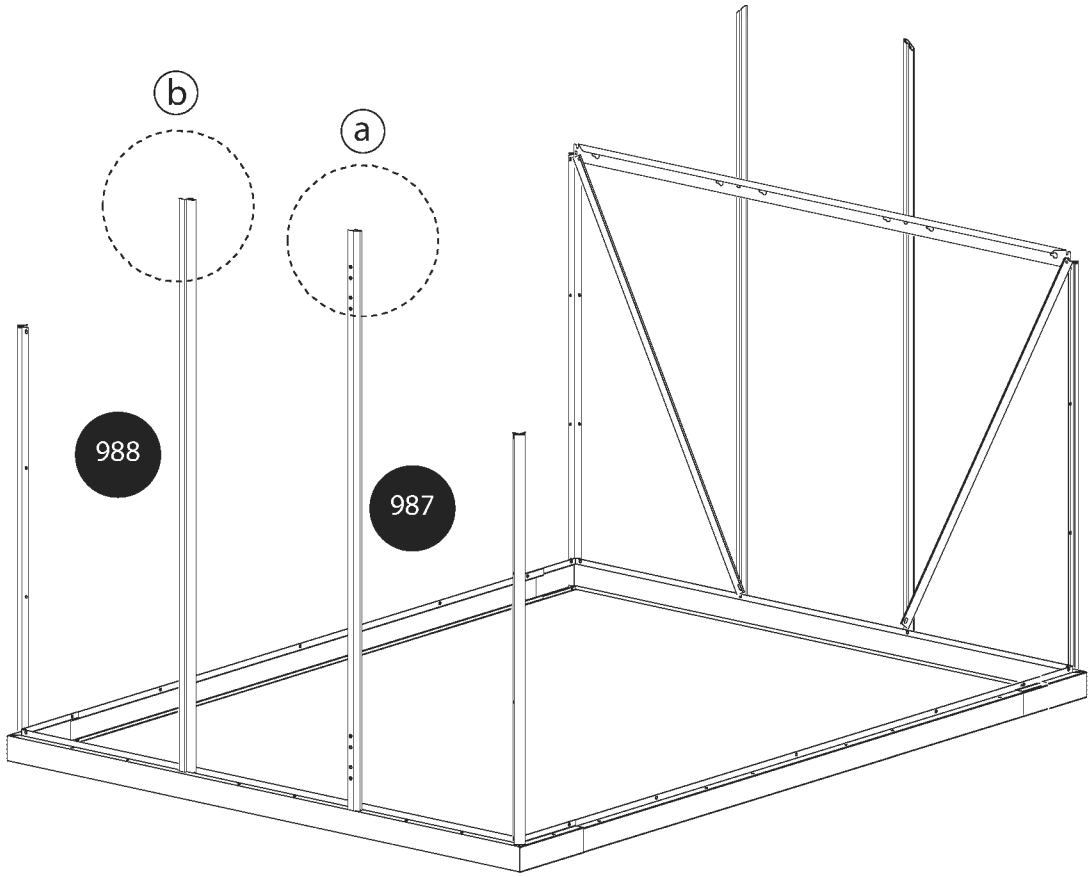


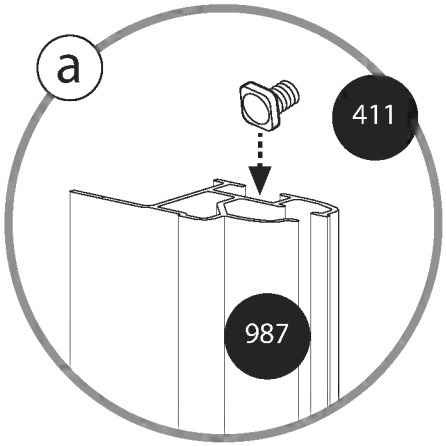


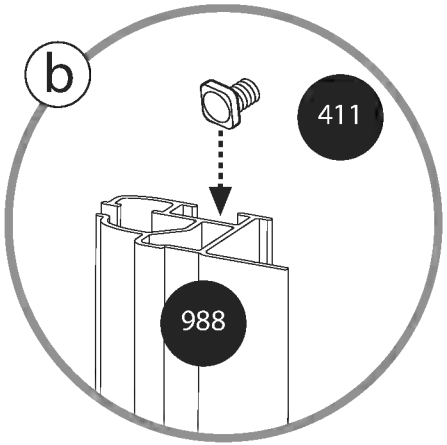
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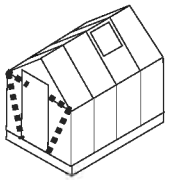
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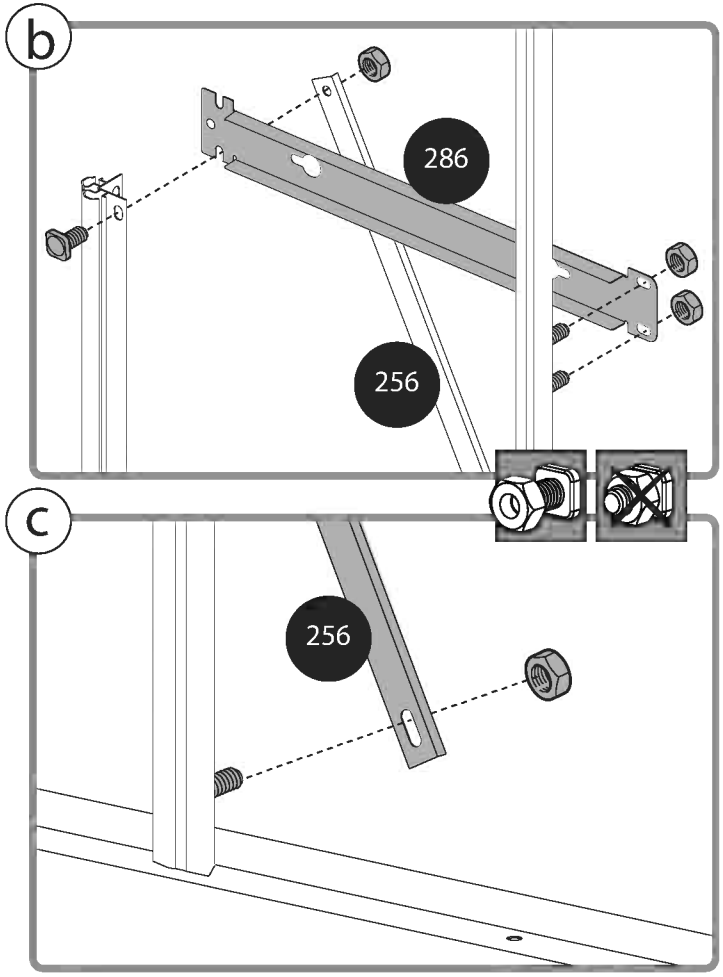


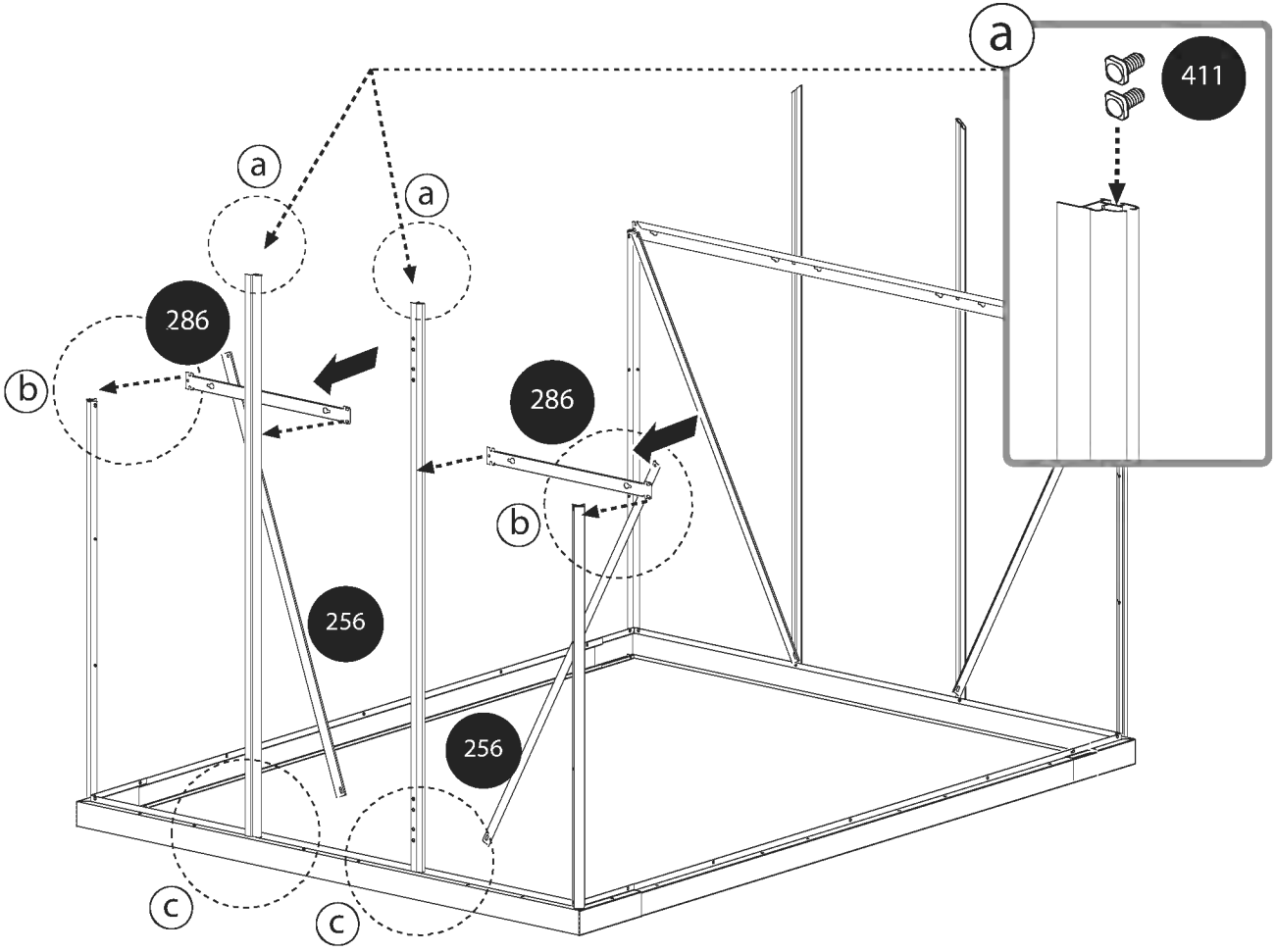
256 ----- x2

286 ----- x2

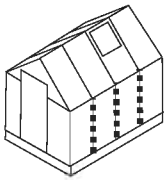
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411 ----- x6

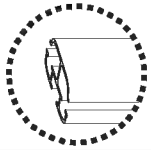




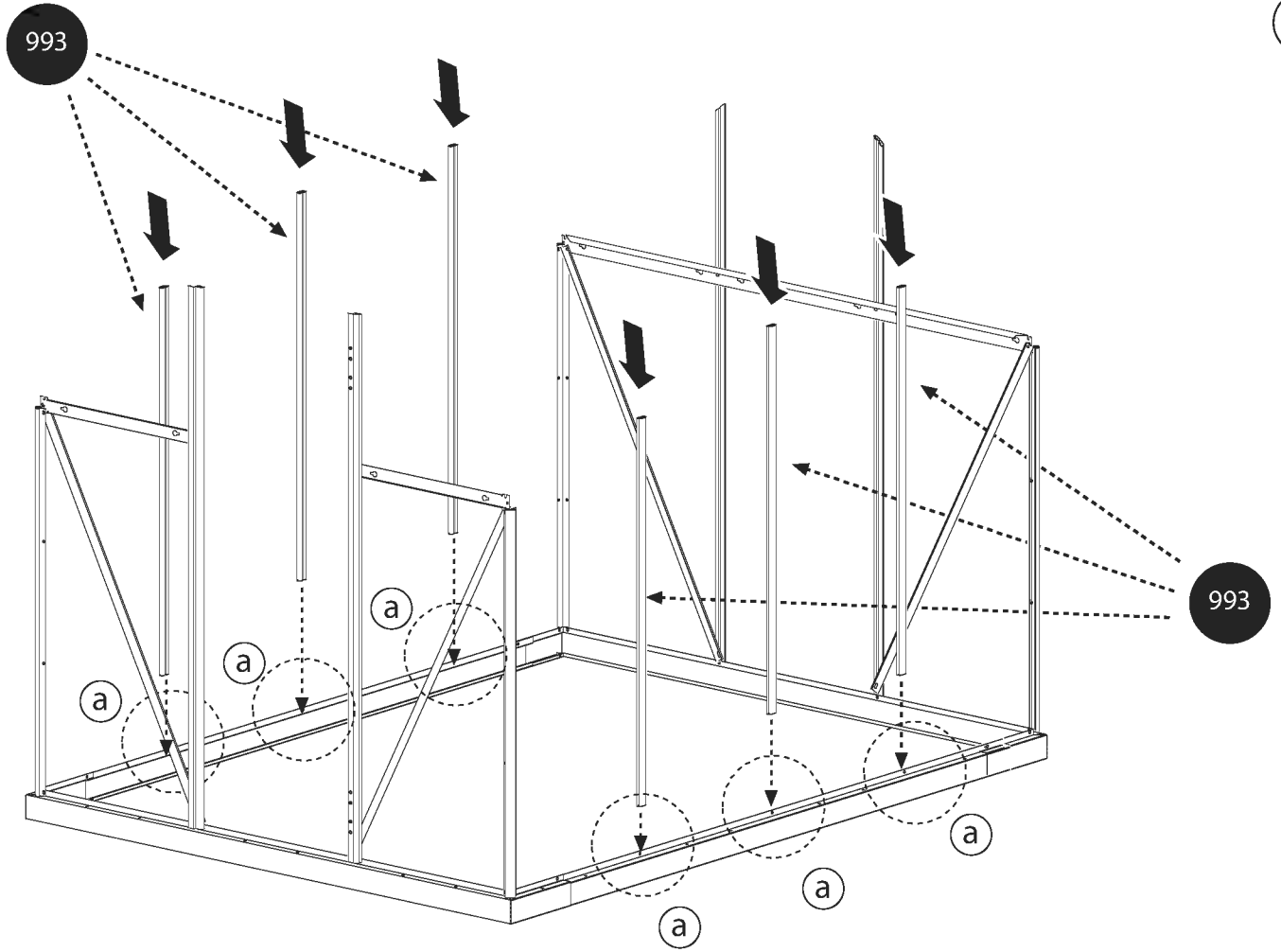
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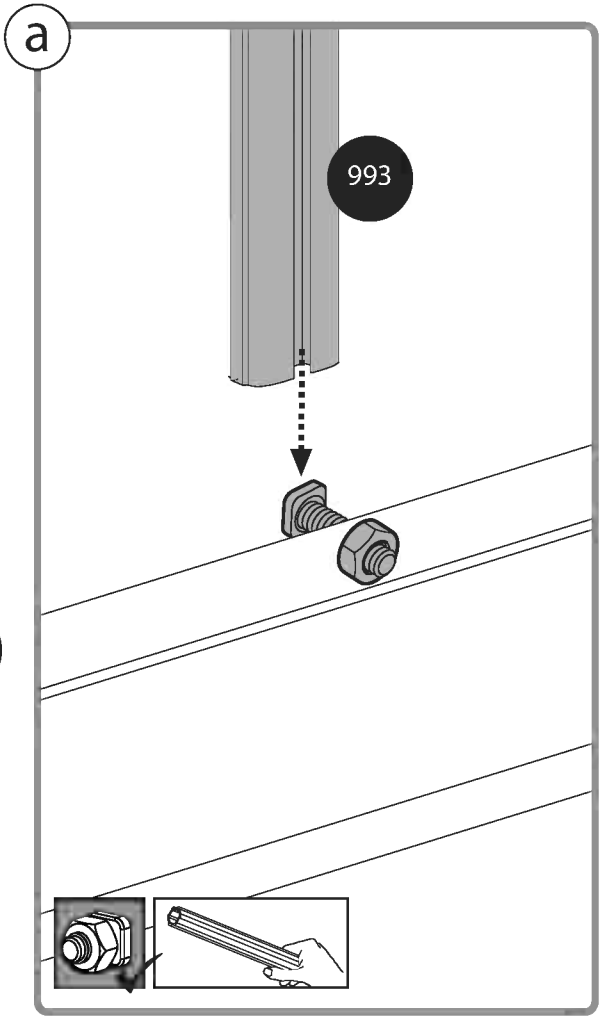


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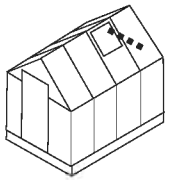


x6

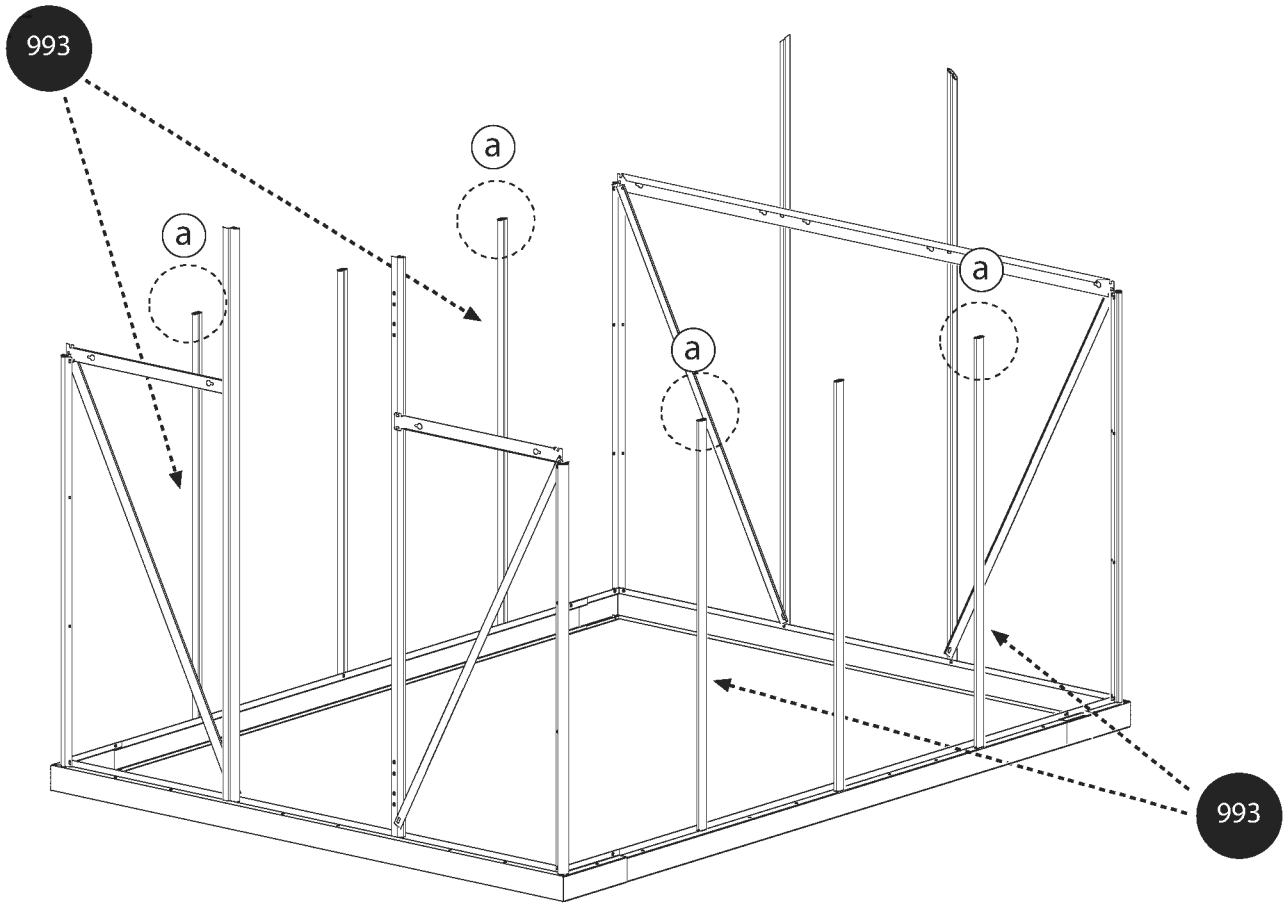


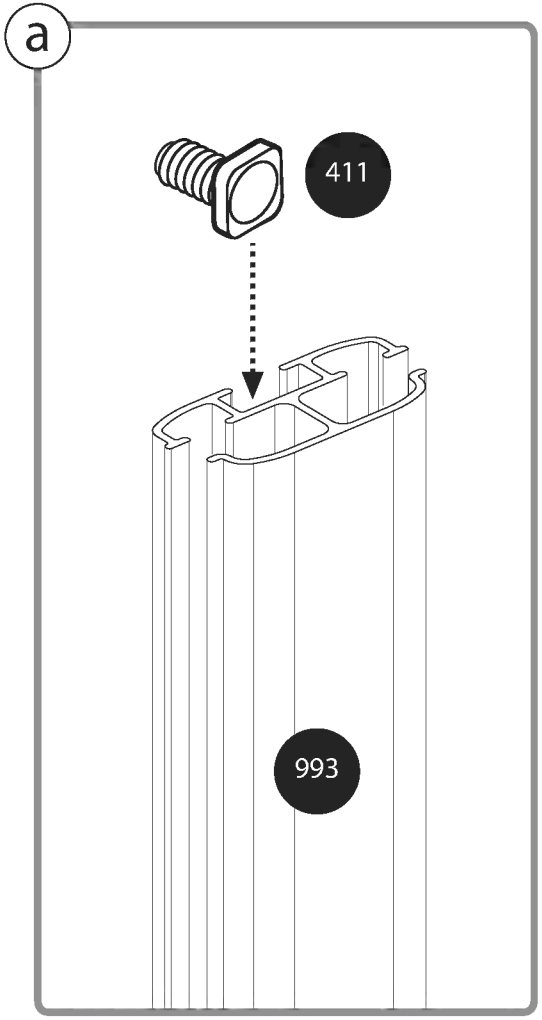


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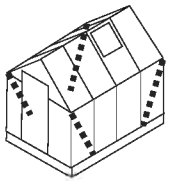


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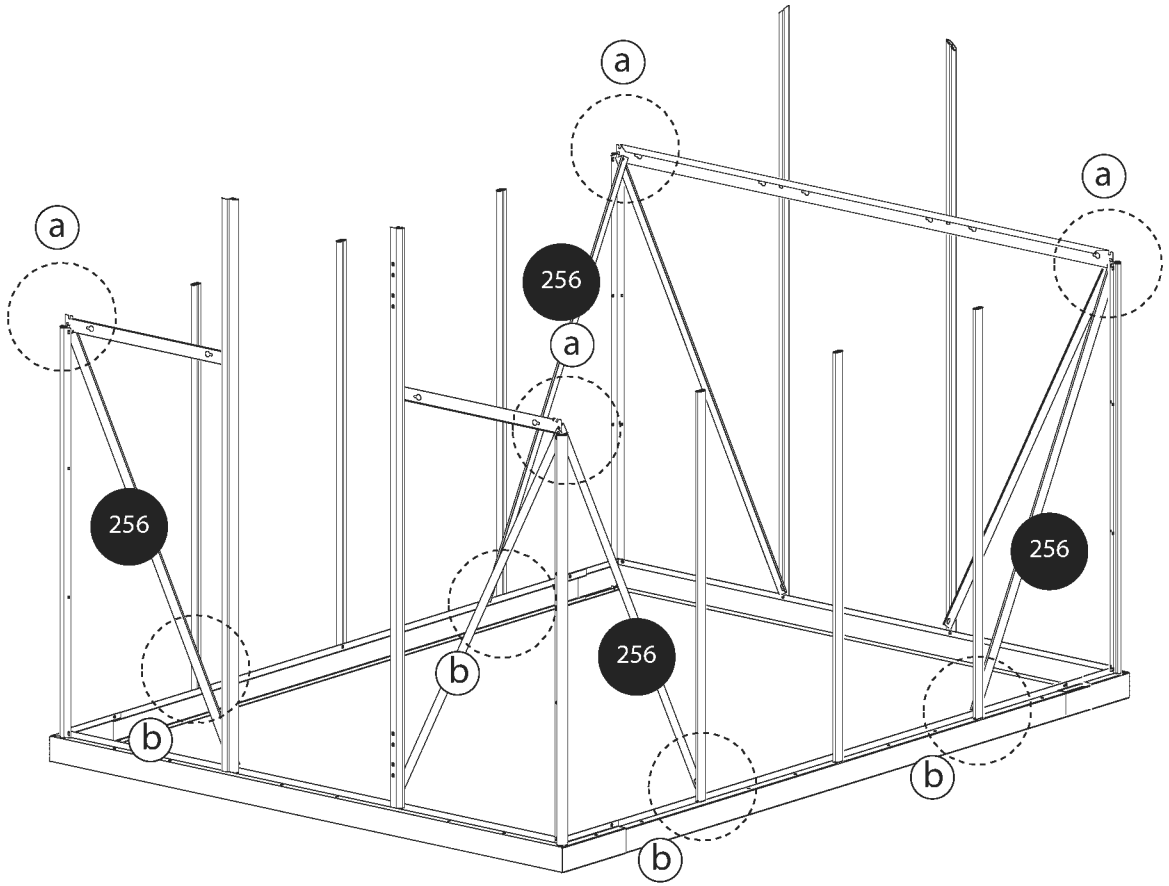
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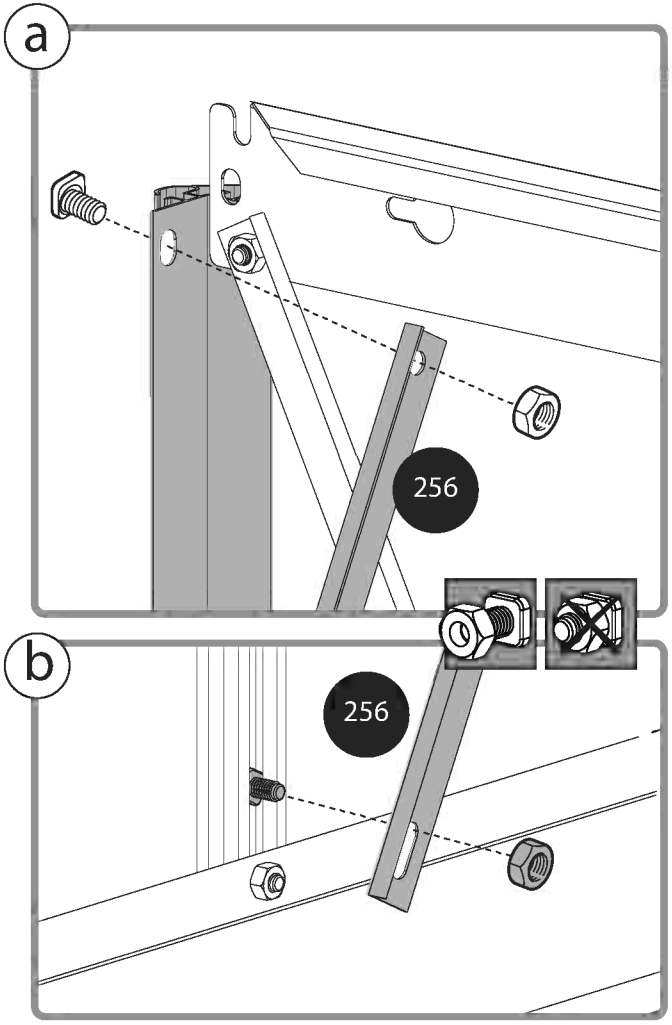


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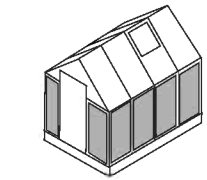
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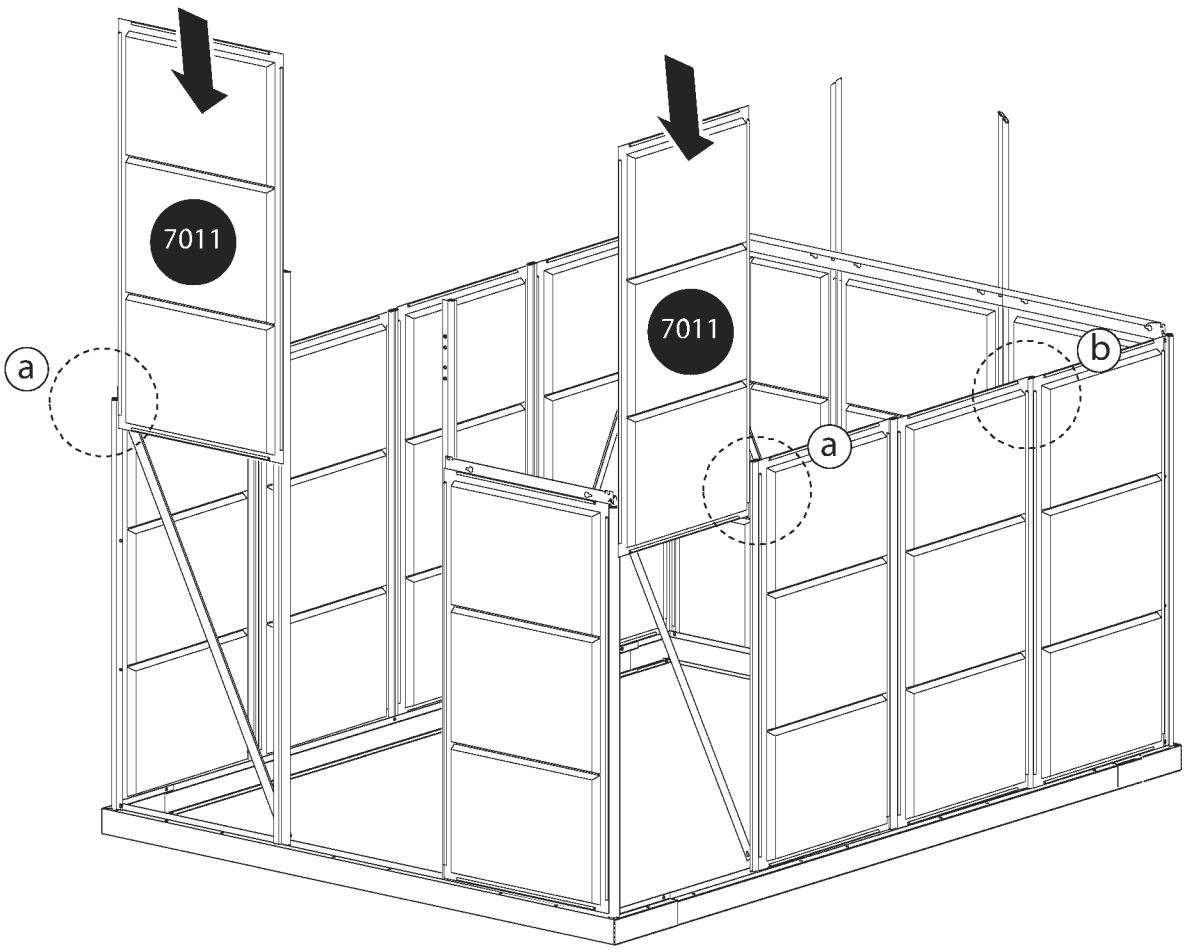




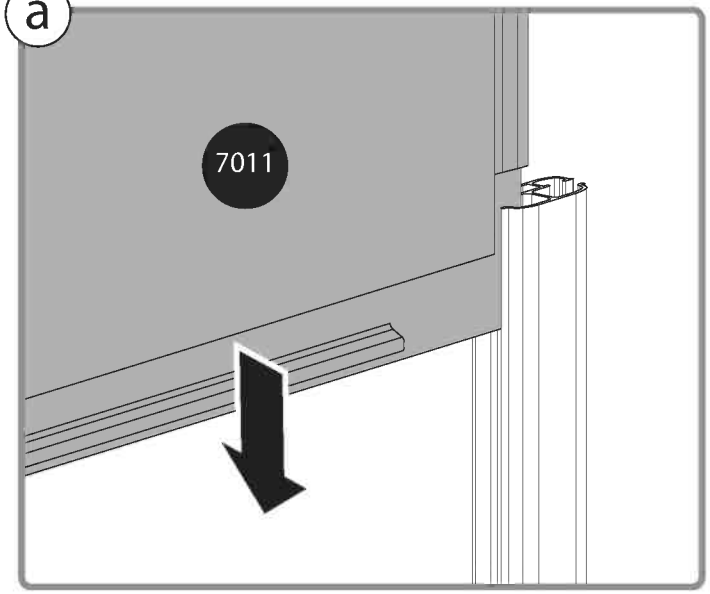
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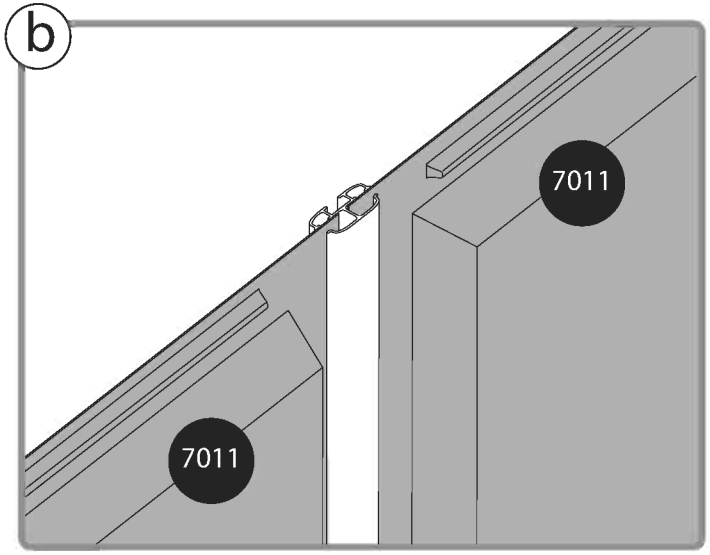
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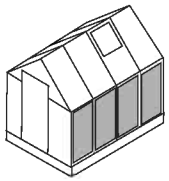


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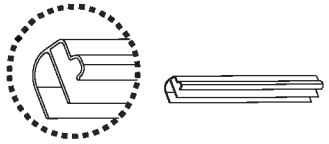


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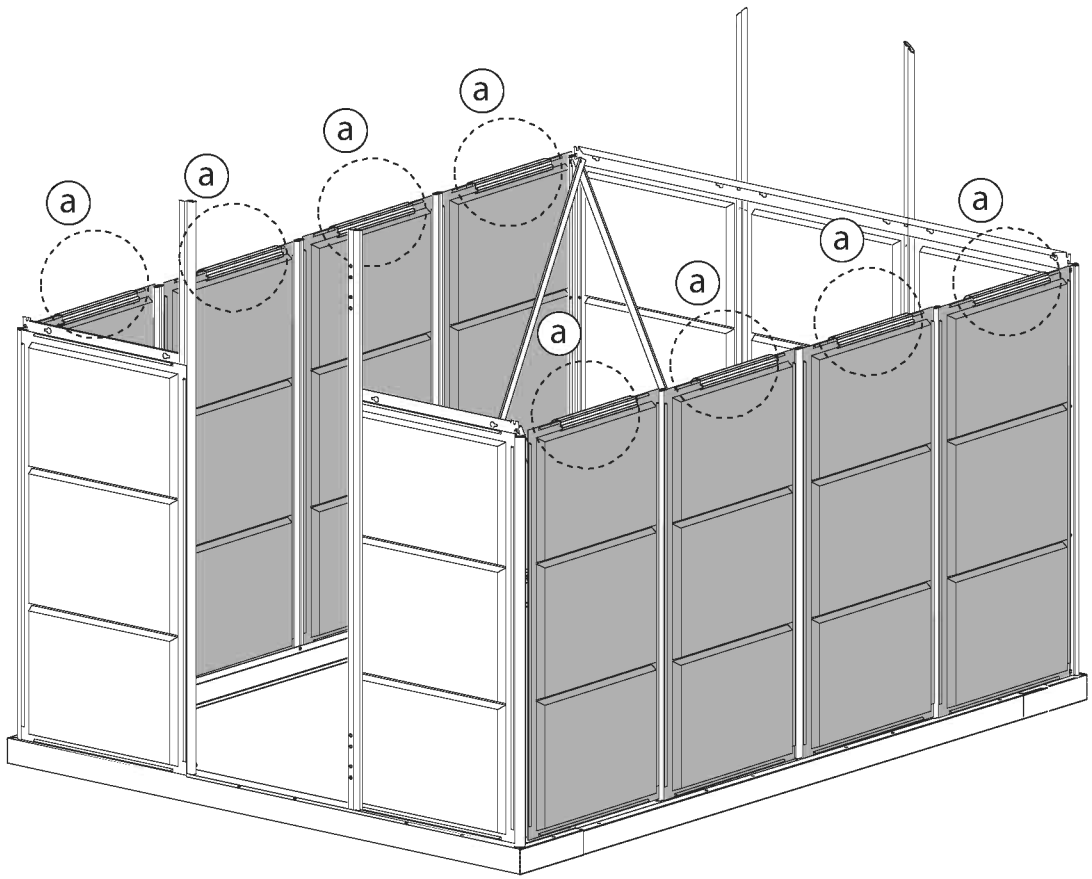


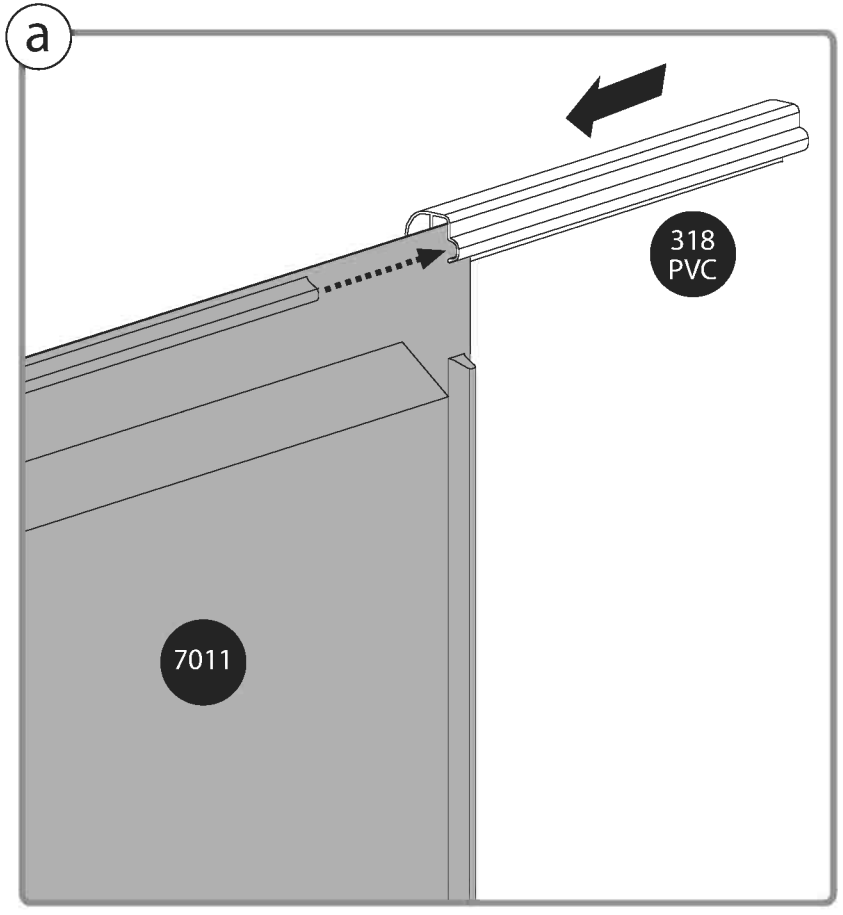


318 PVC



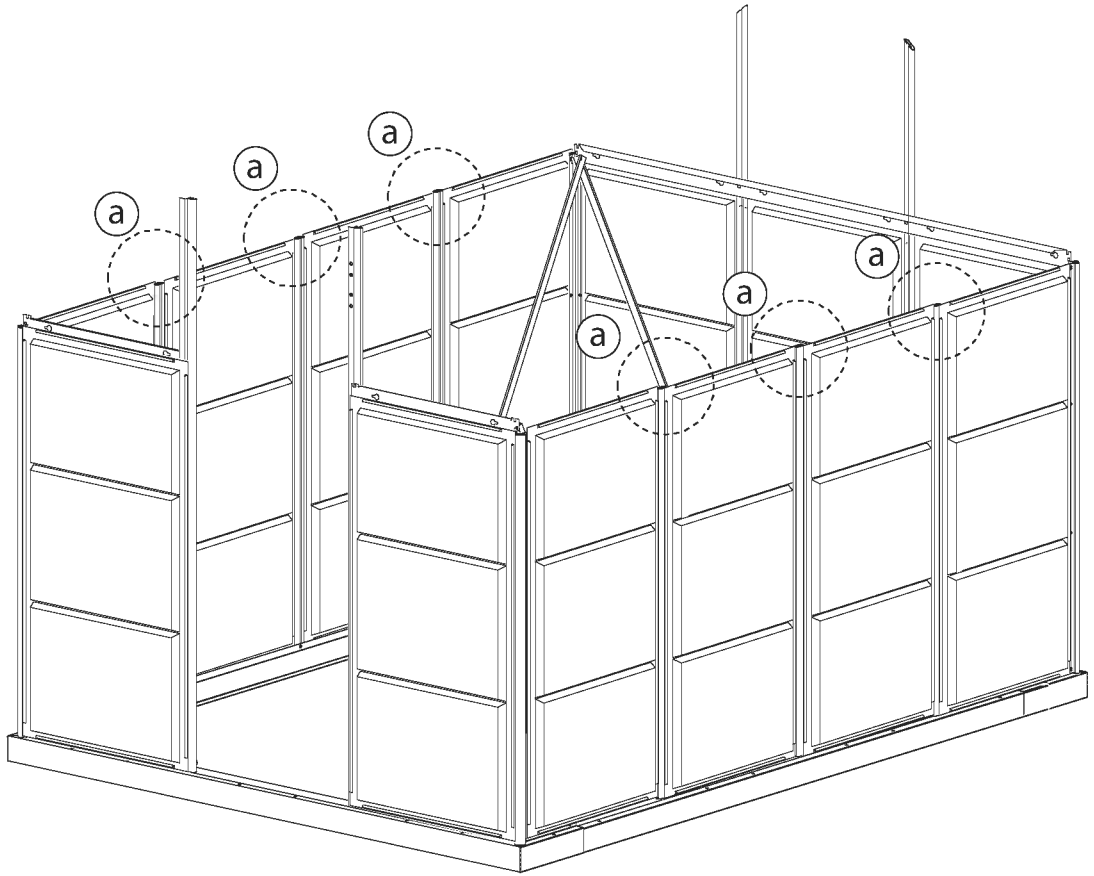
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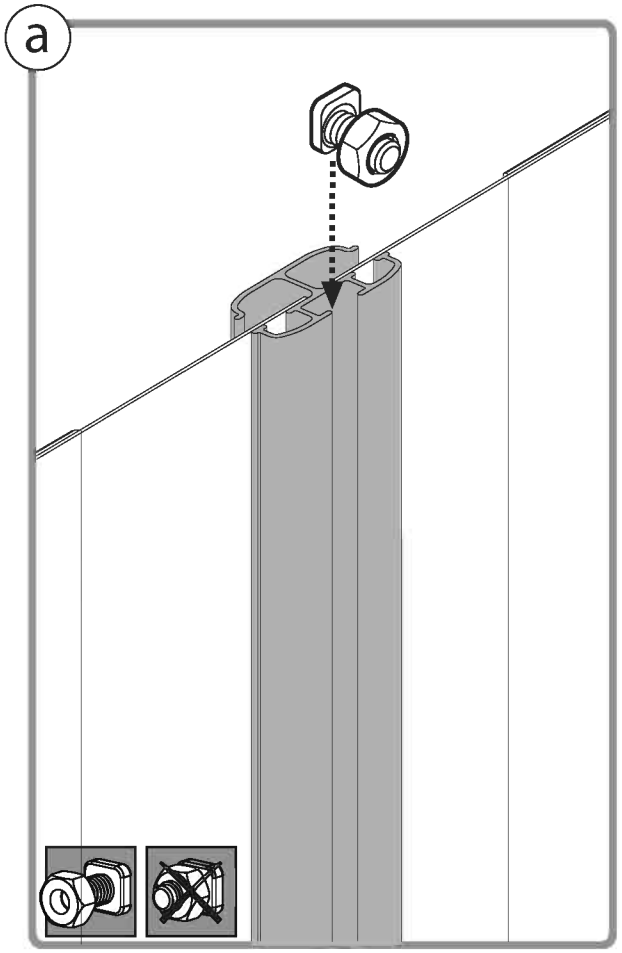


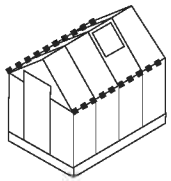


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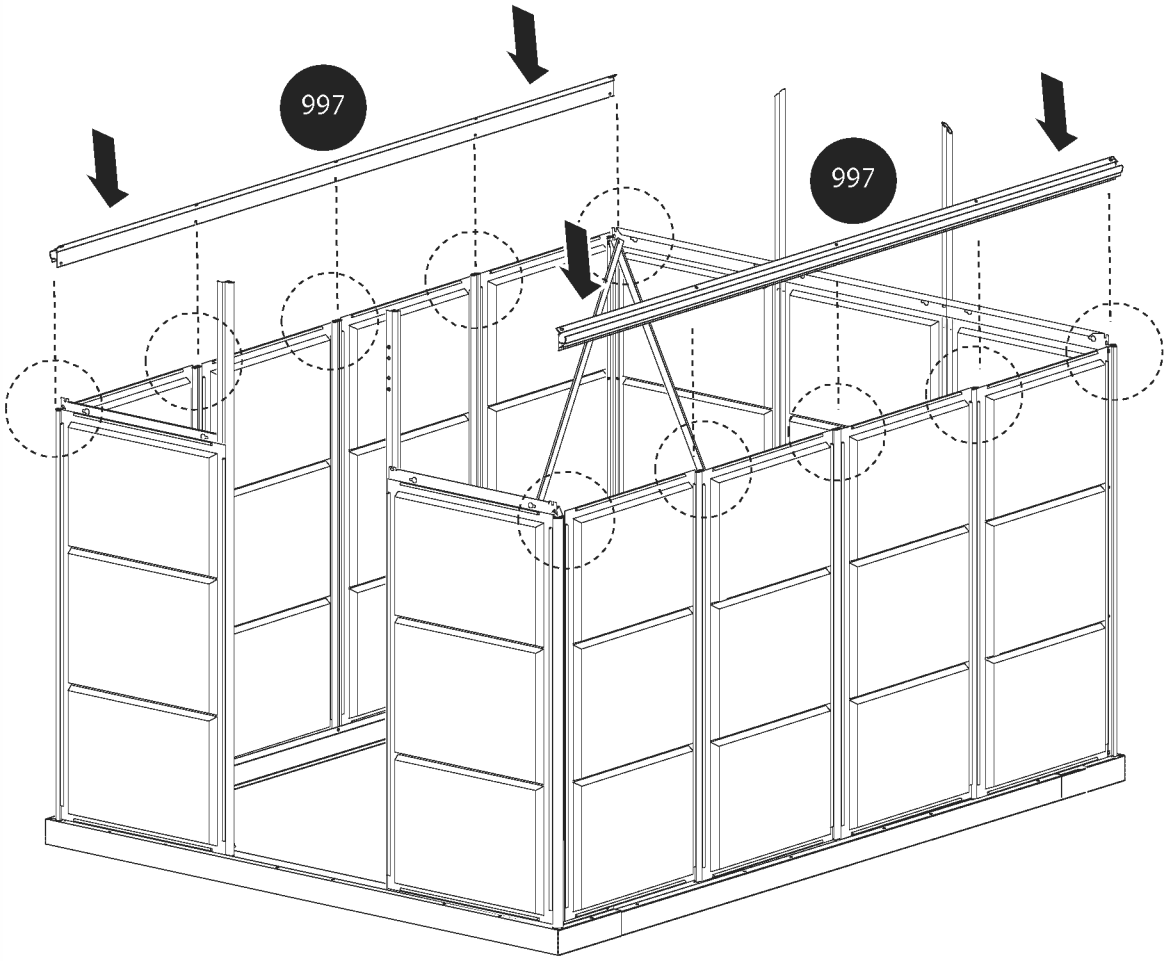
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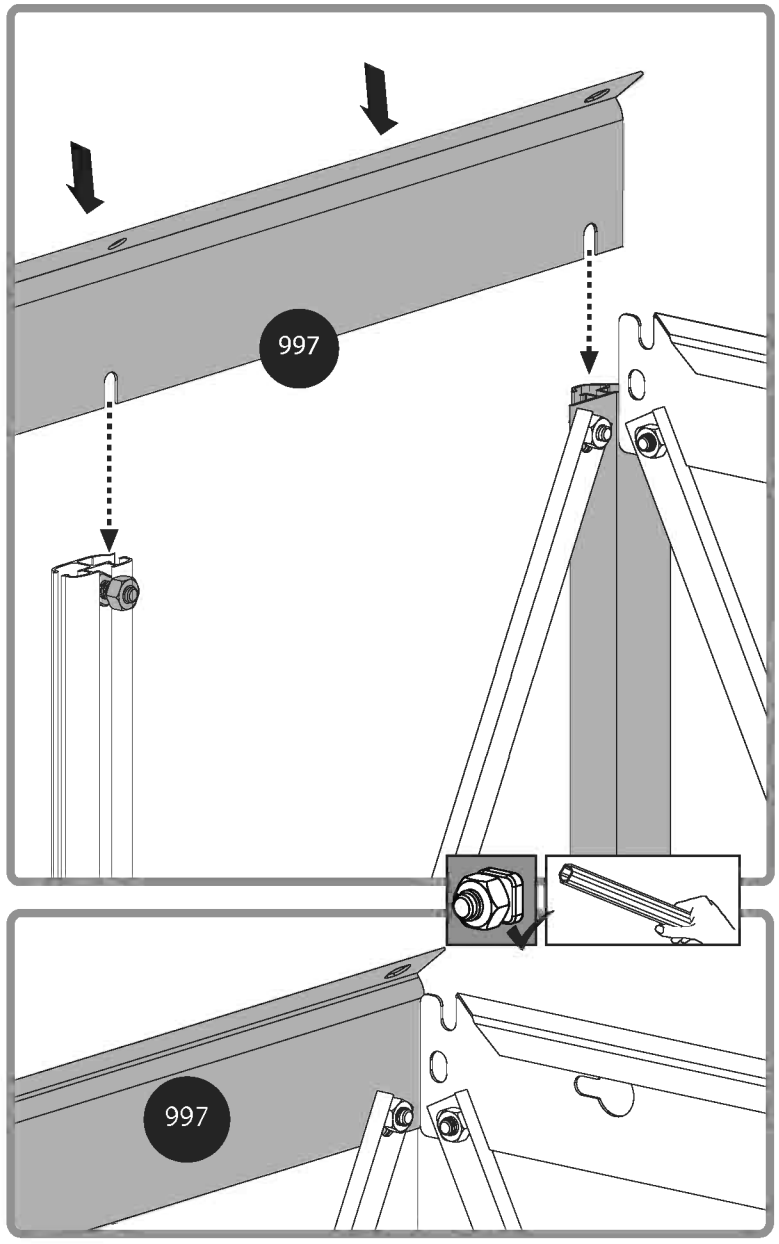


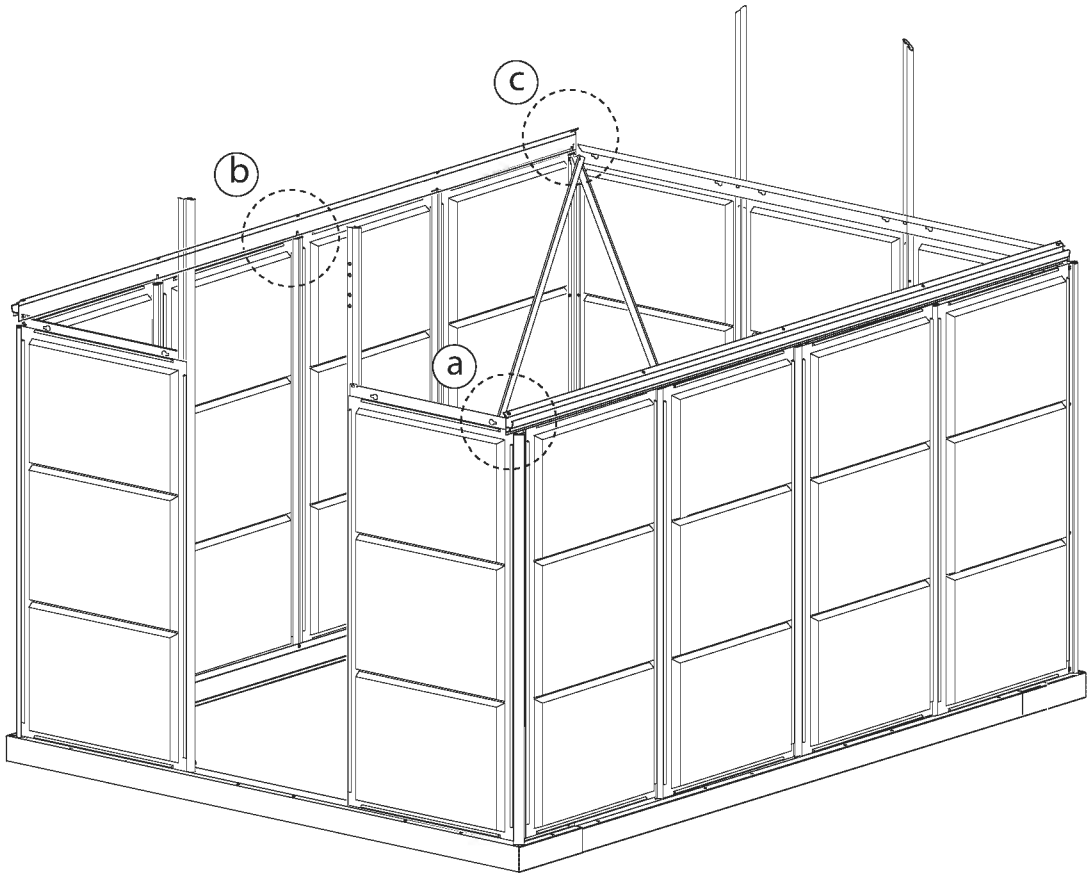


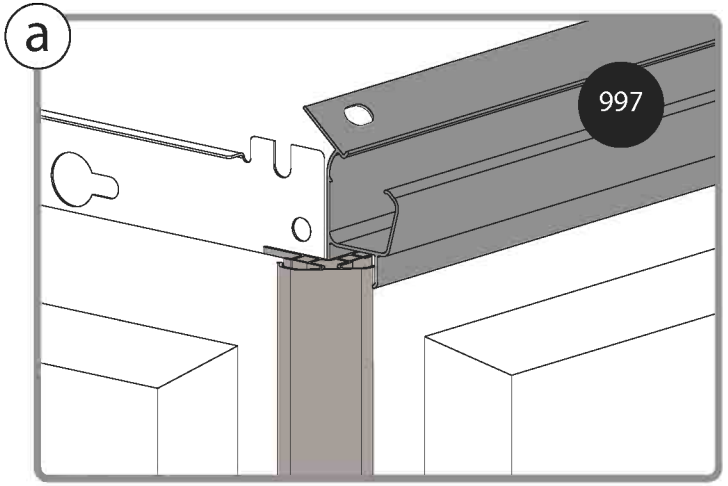


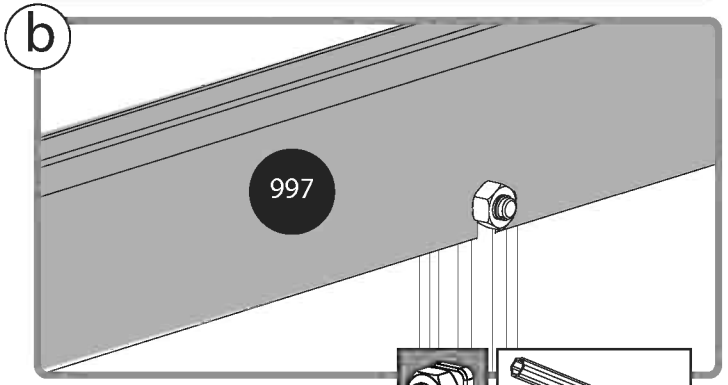
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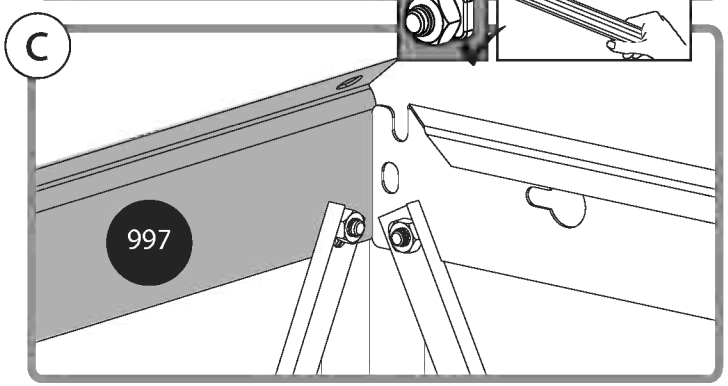




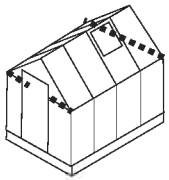

a
b
c


a
997


b
997

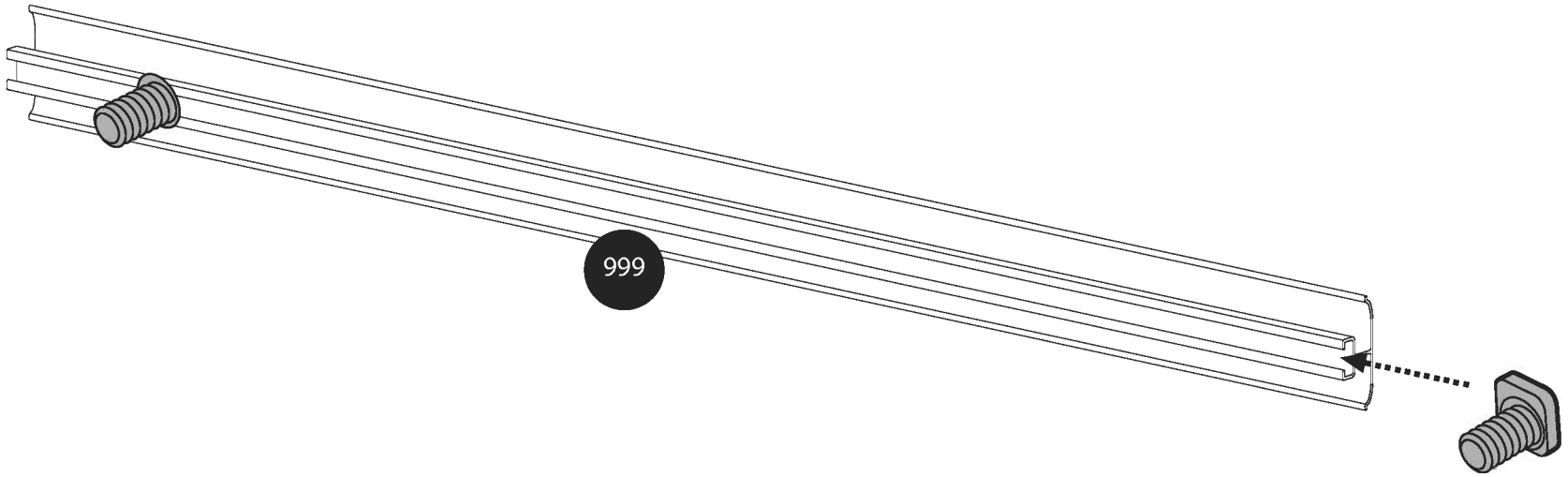

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997

20

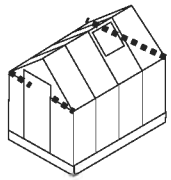


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411 x10

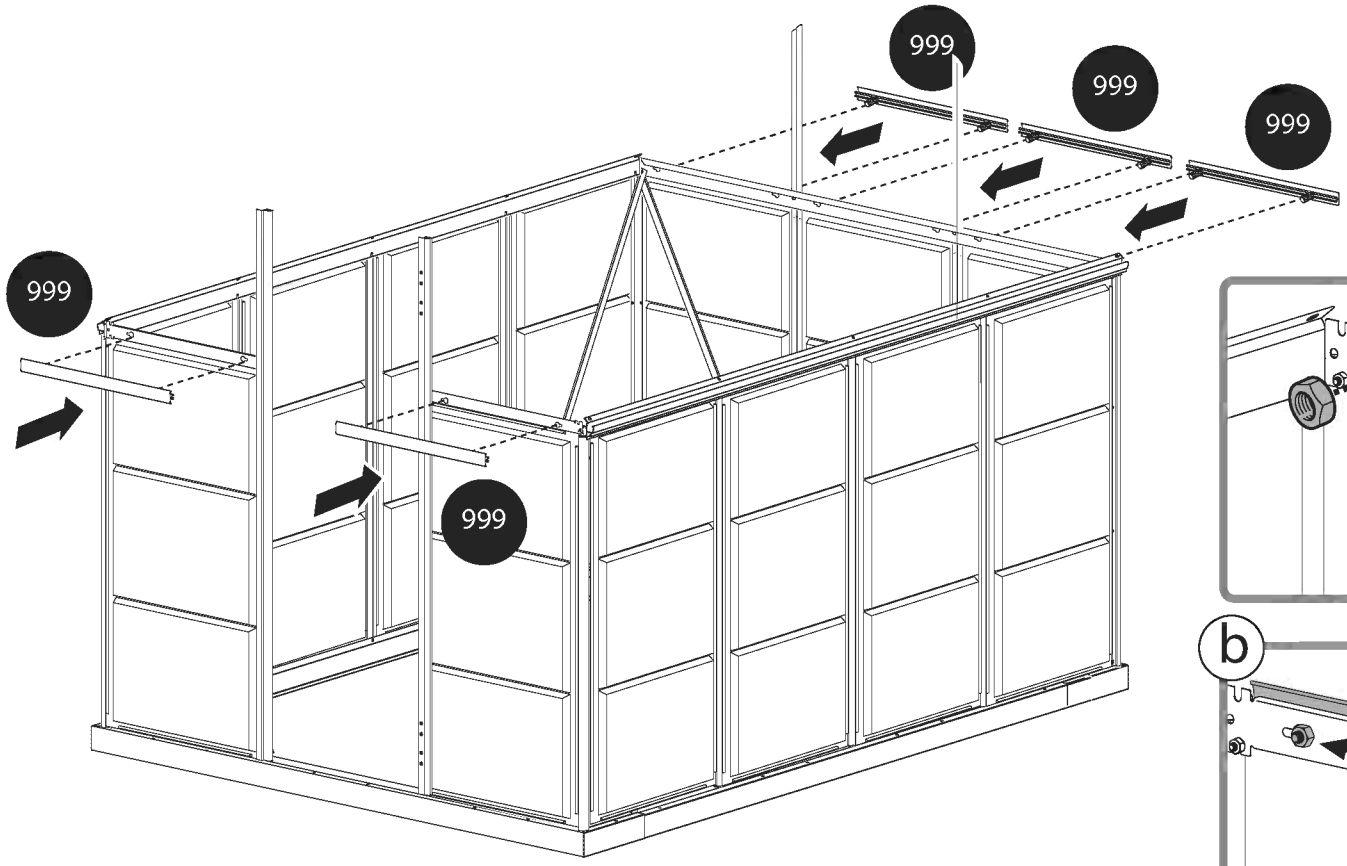


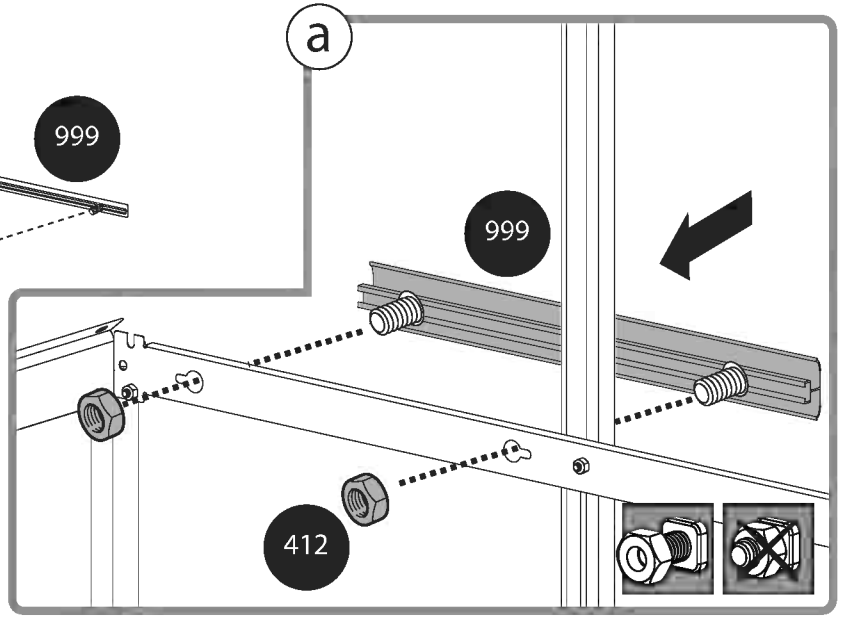
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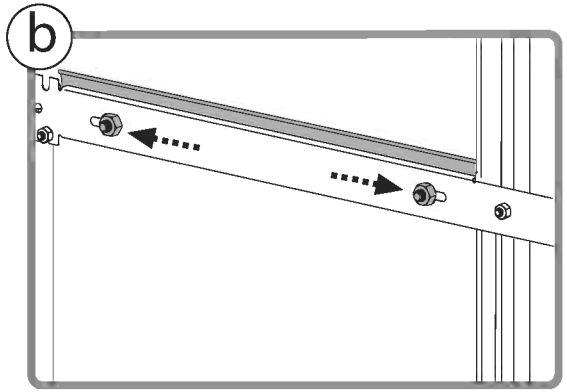


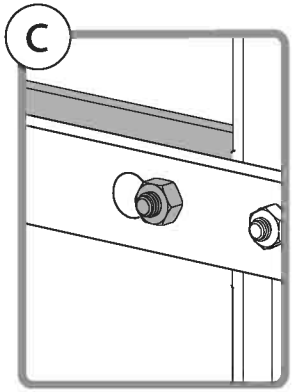
999 ----------  --- x5

412 ----------  ------ x10

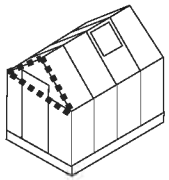


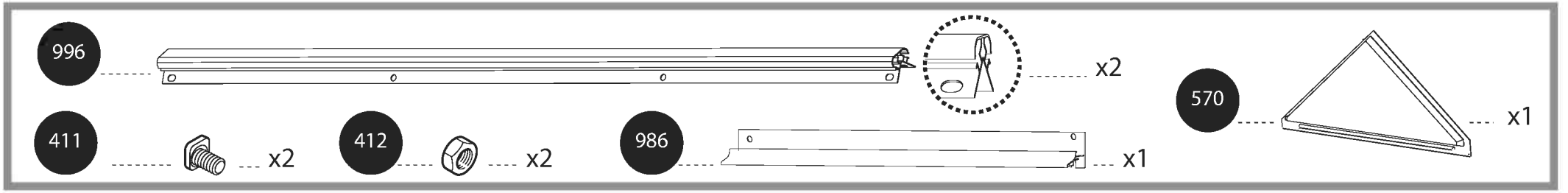


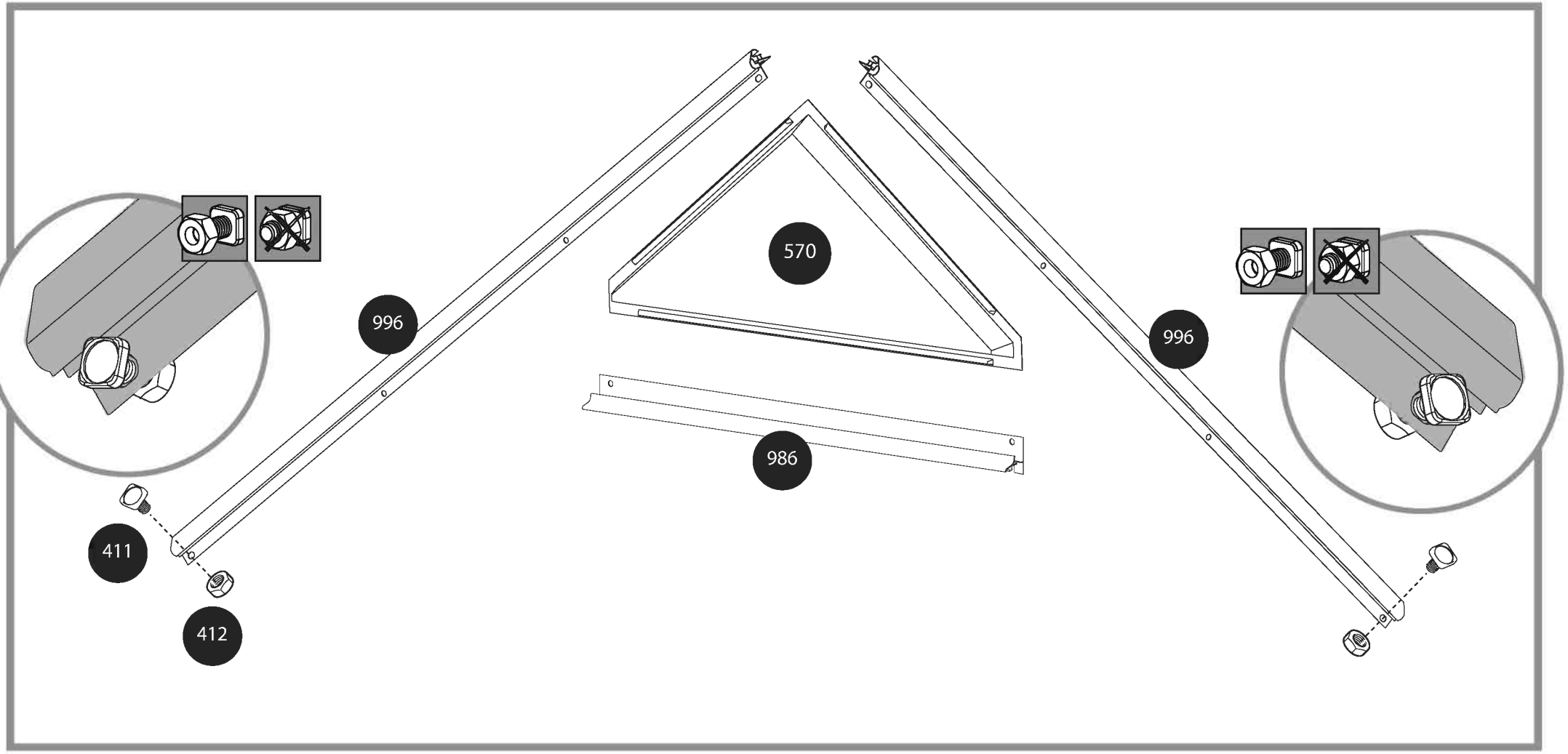




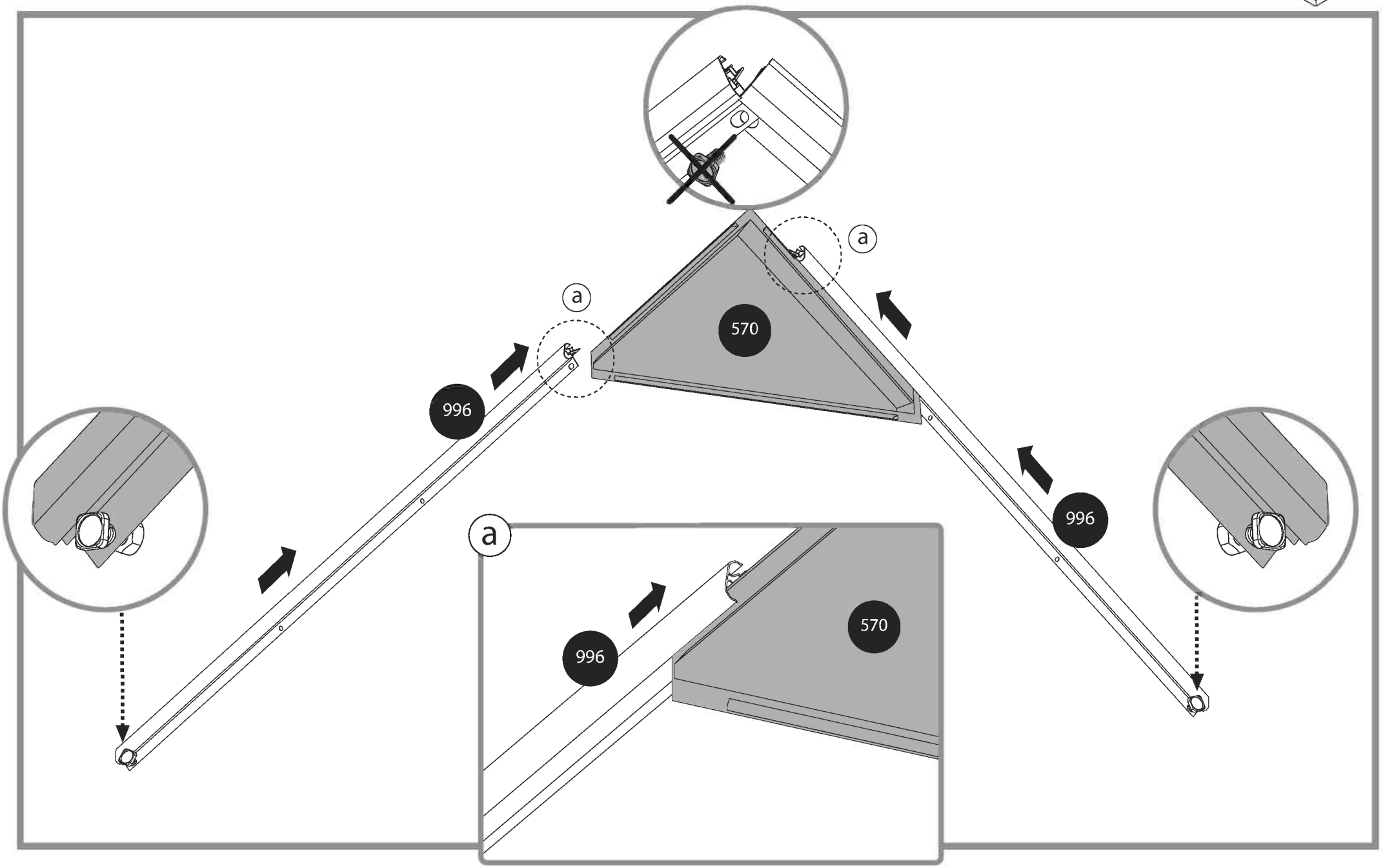
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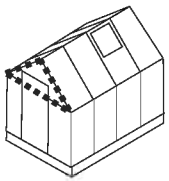






23





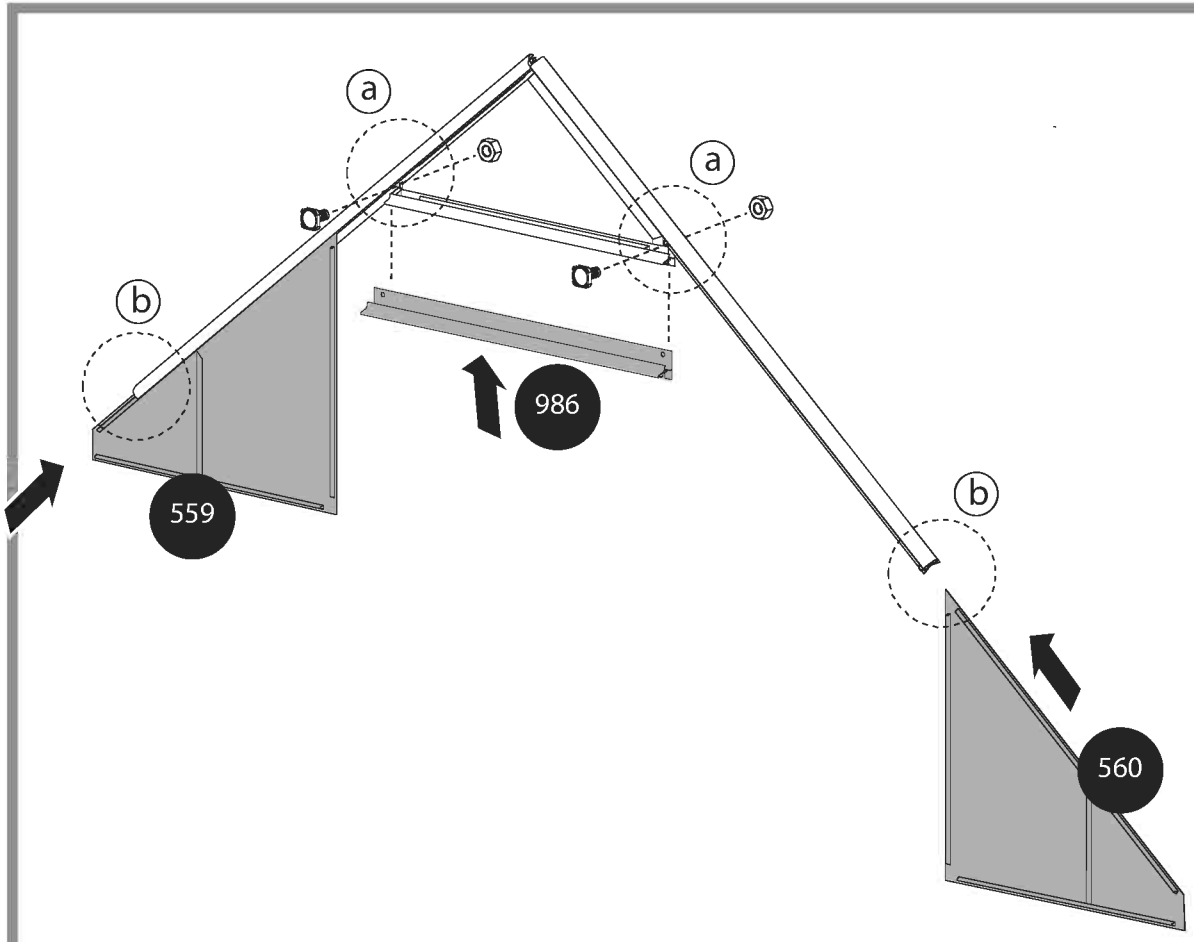
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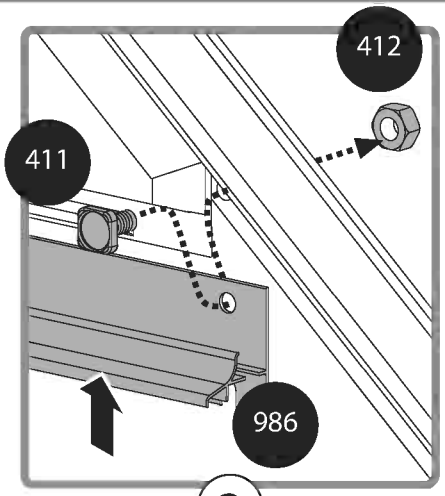
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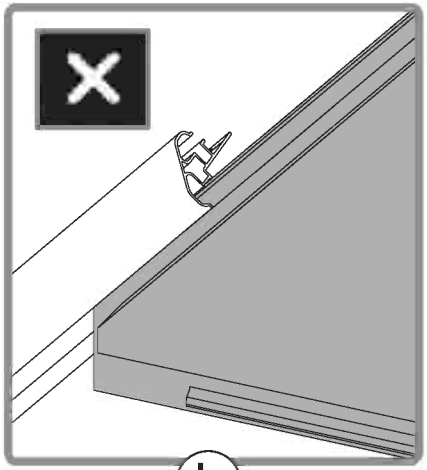
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411 x2

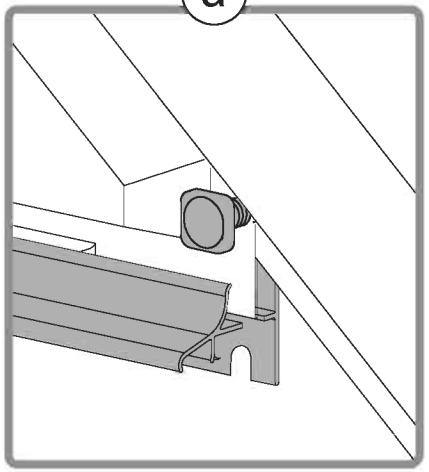
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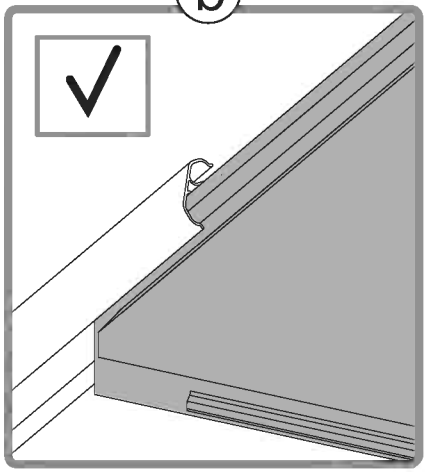


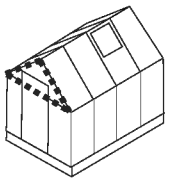


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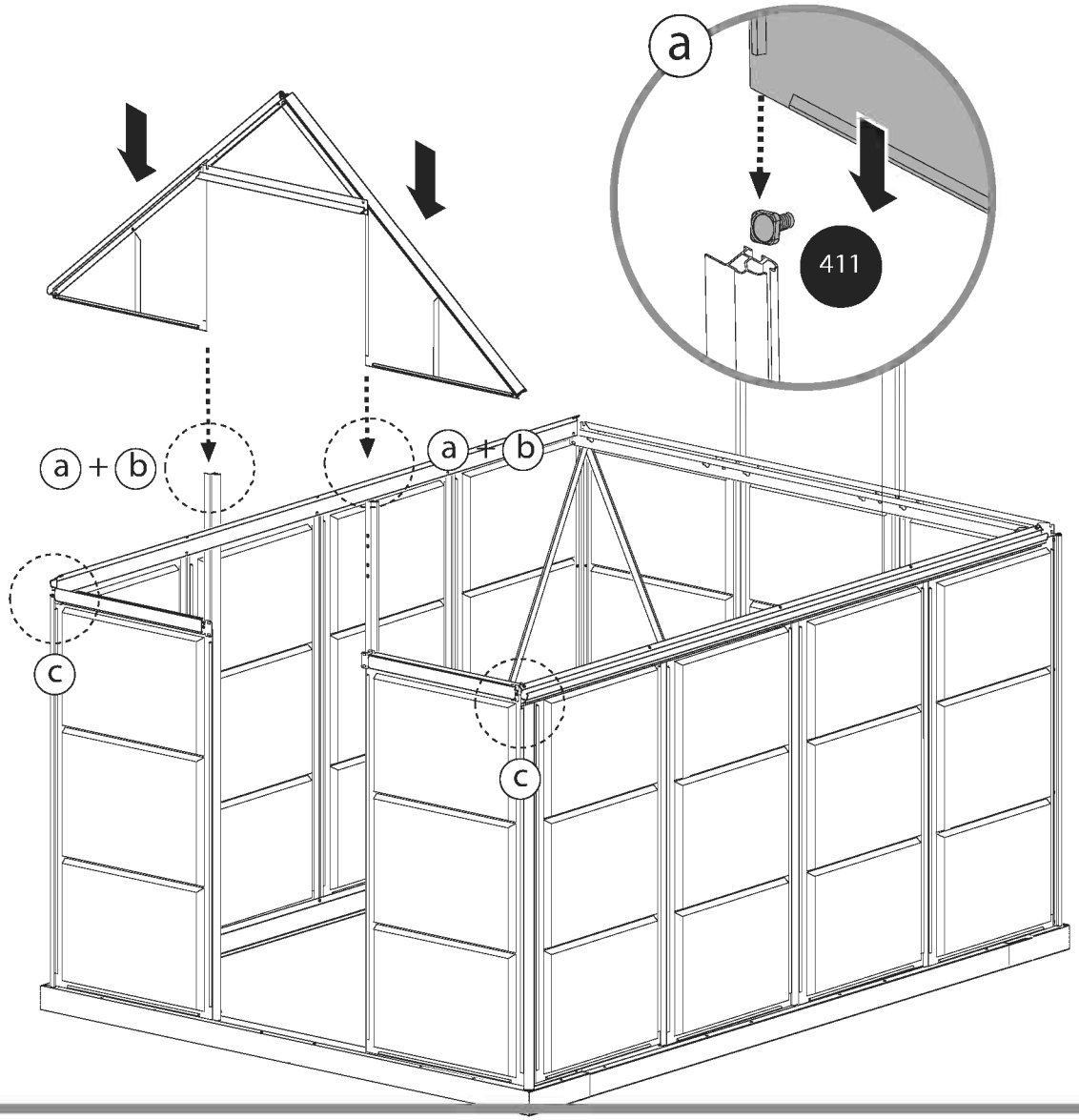
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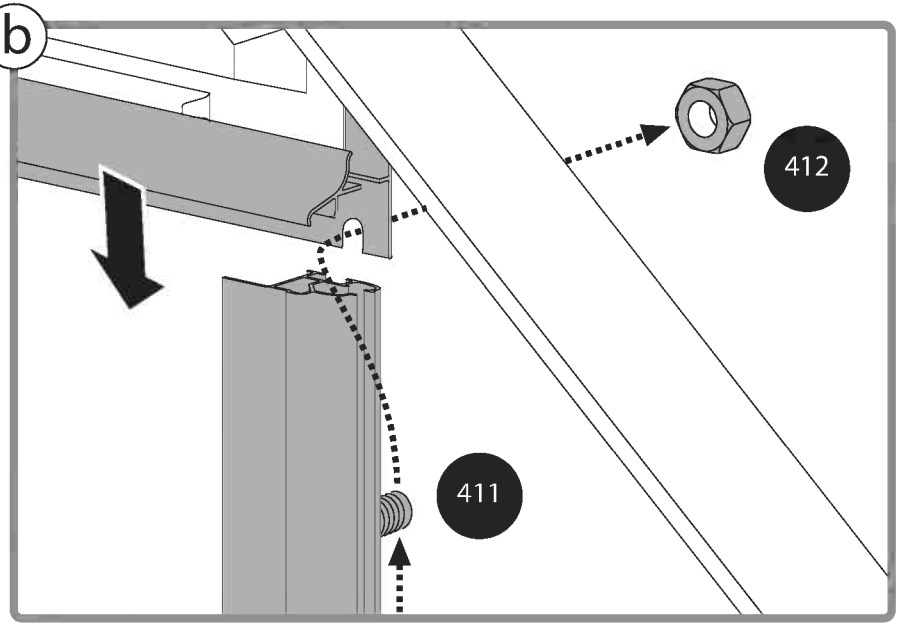


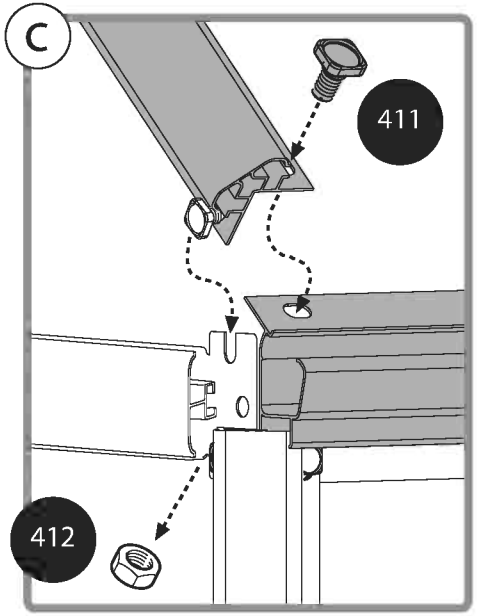


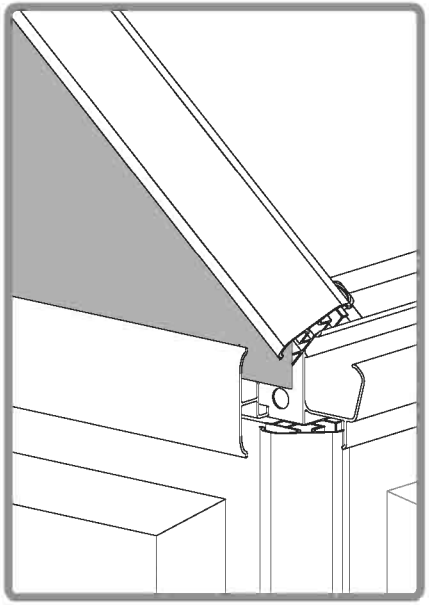
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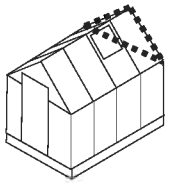
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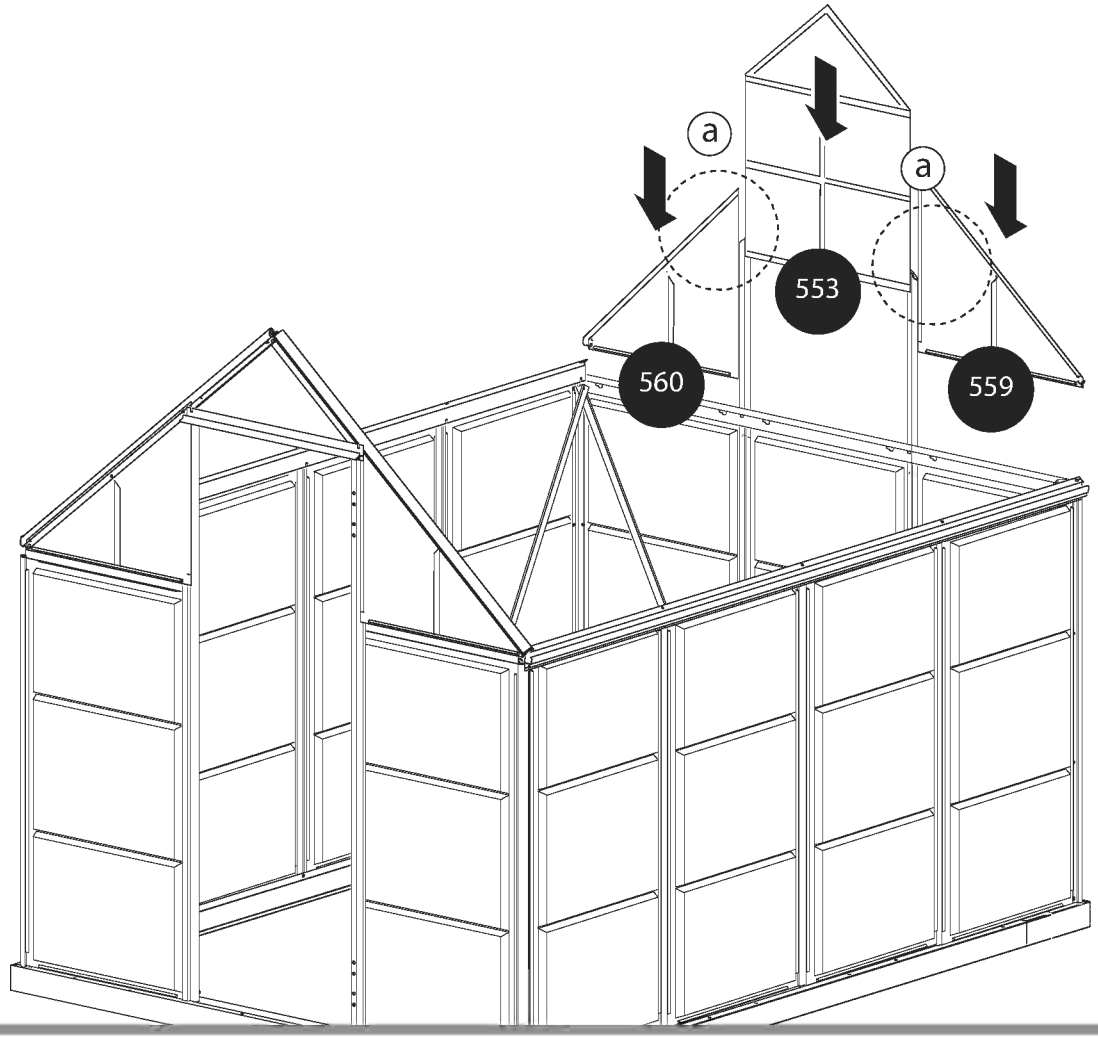


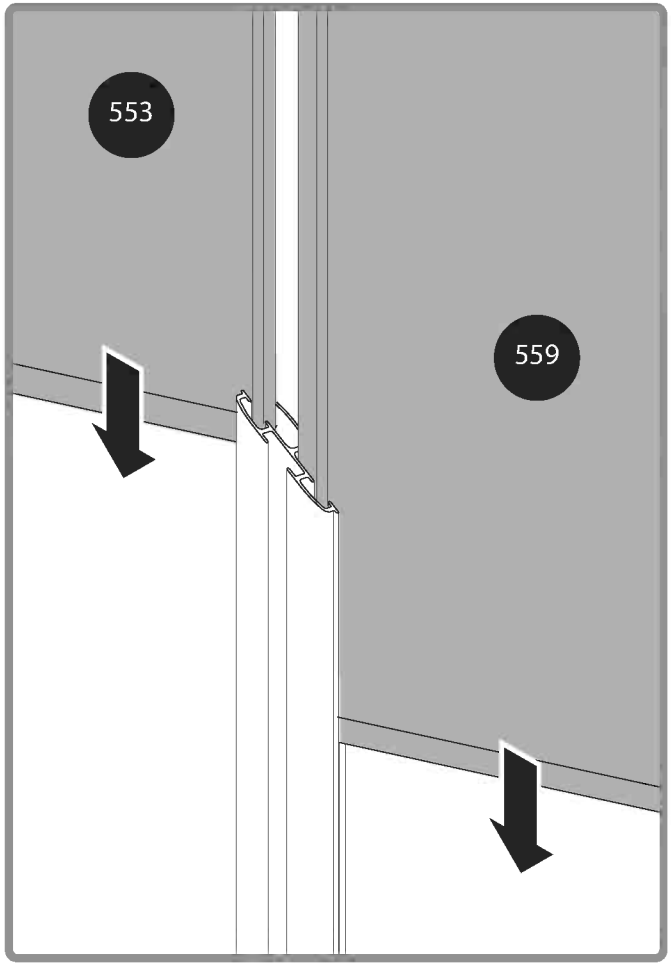


559 x1

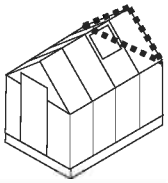
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553 x1

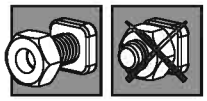




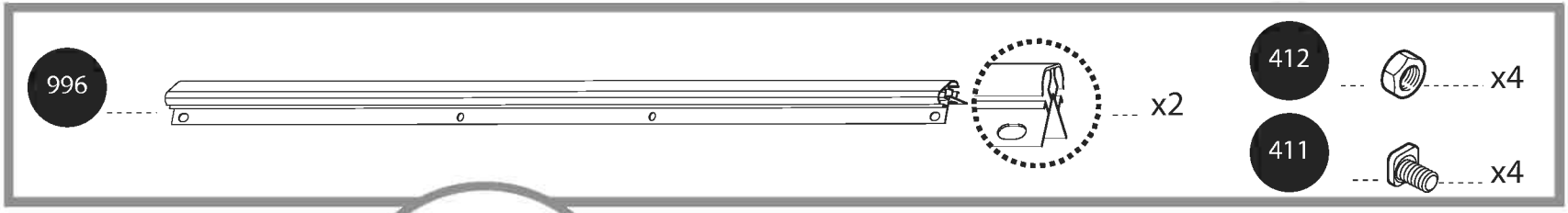
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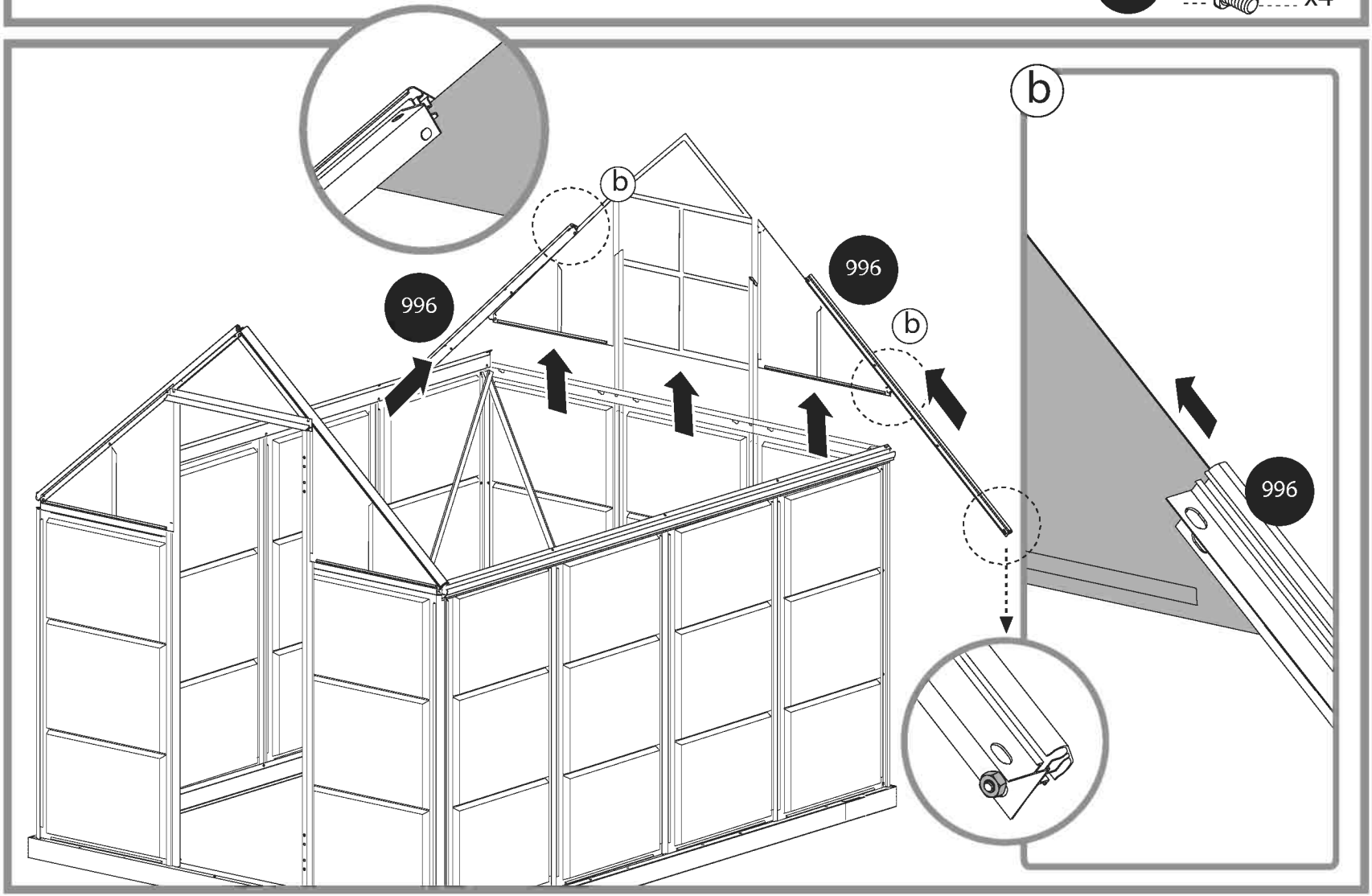


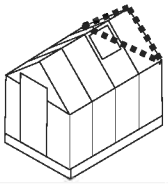
a



x2

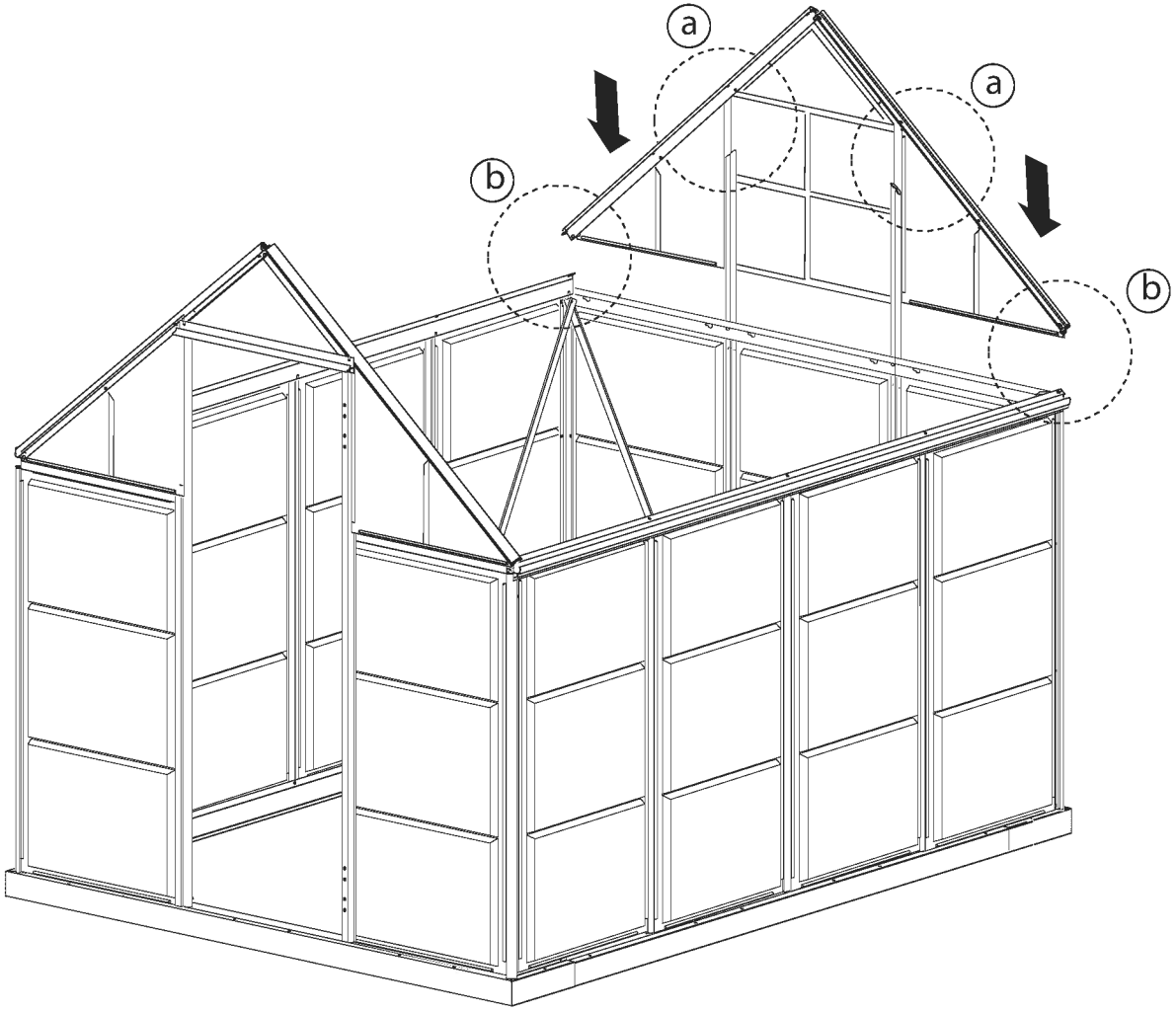




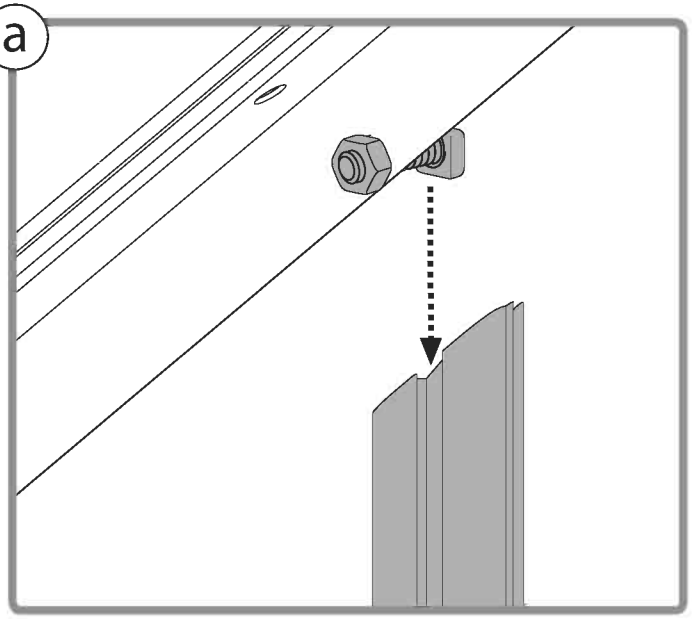


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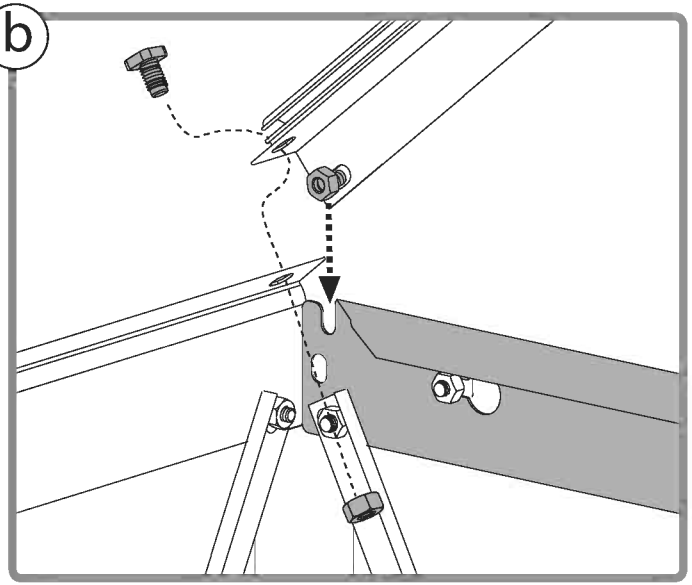
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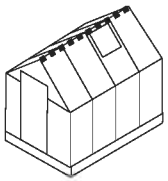


a



b

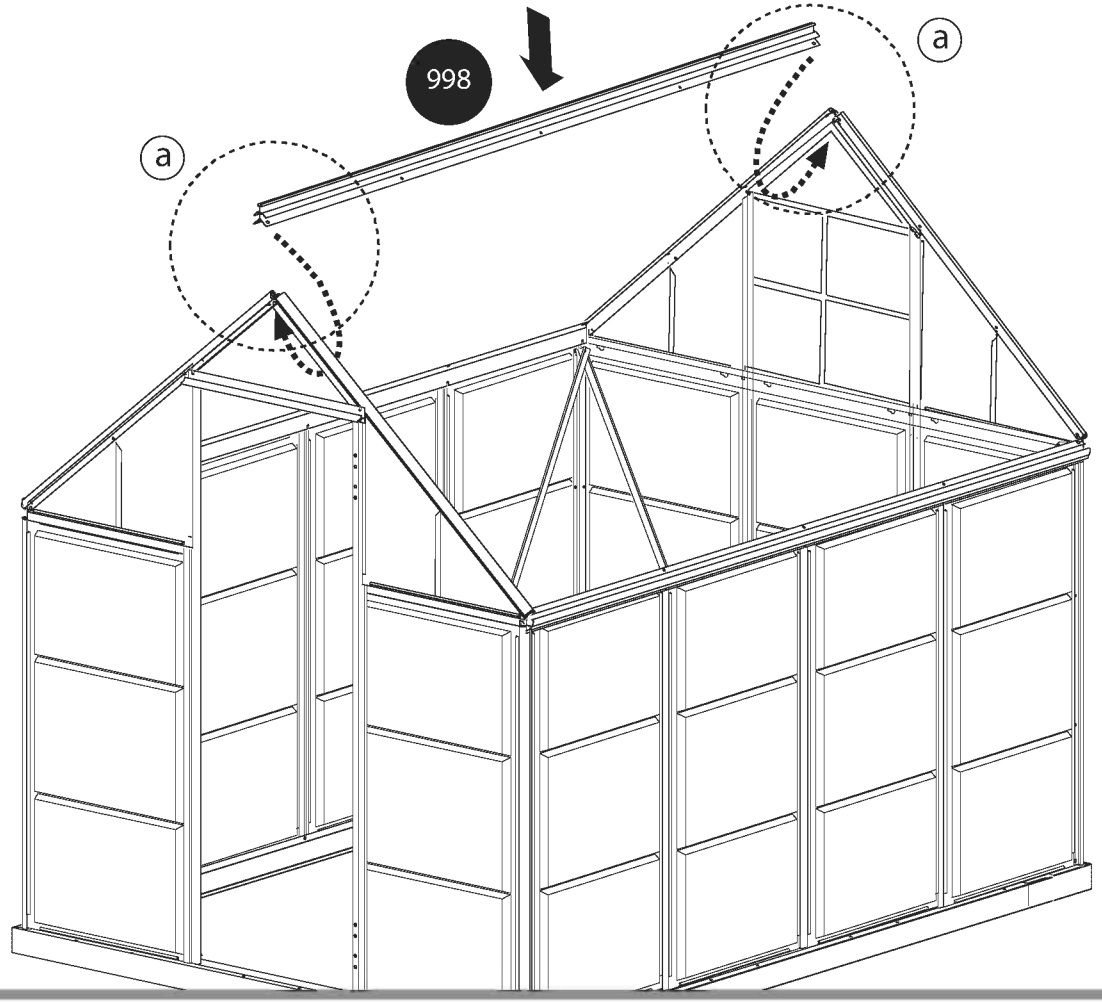


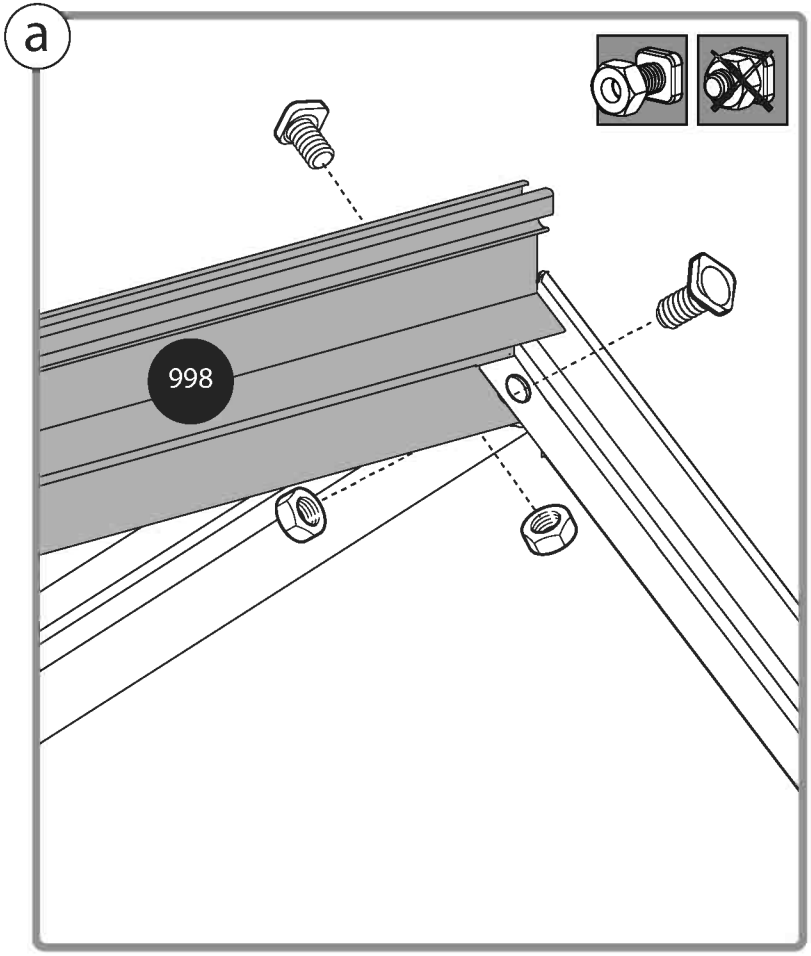


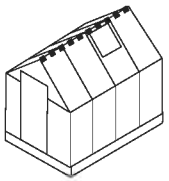
998 ..... x1

412 ..... x4

411 ..... x4

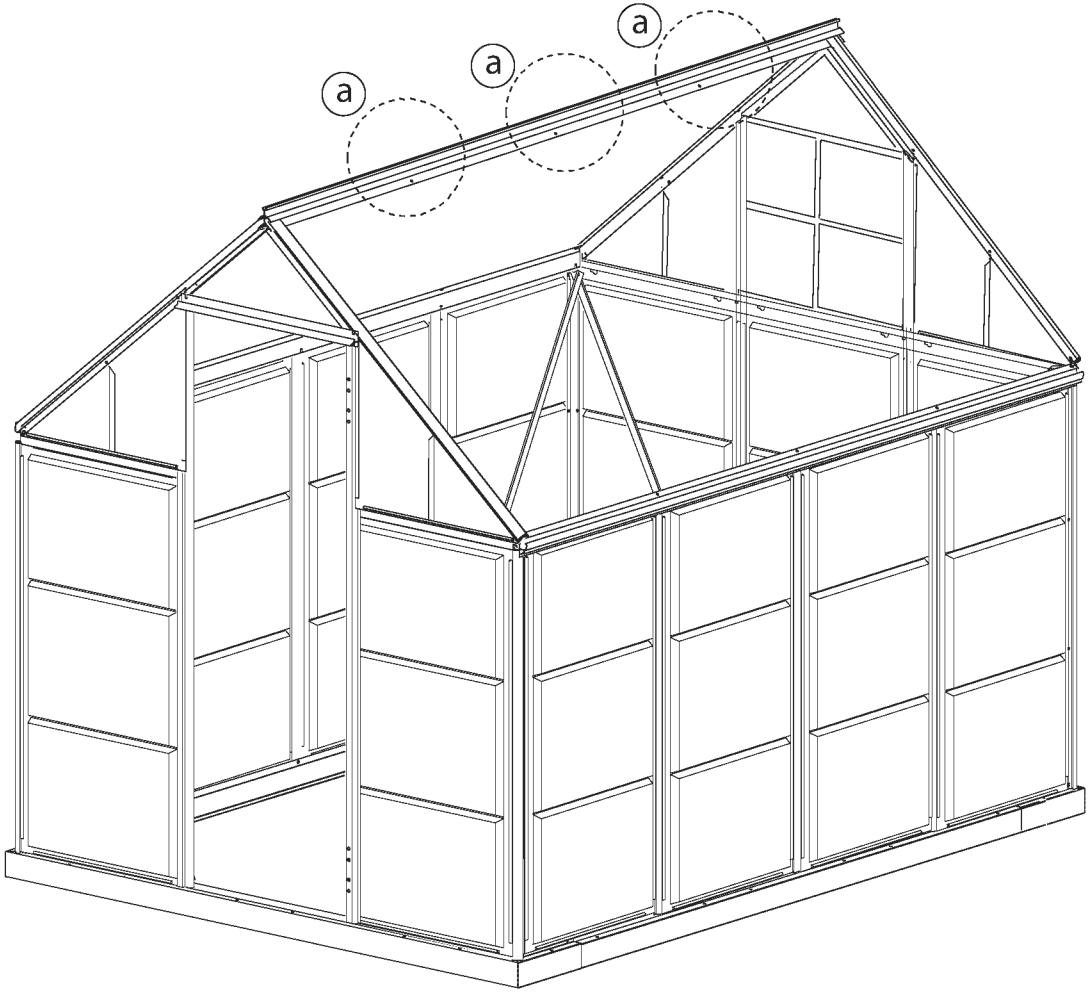


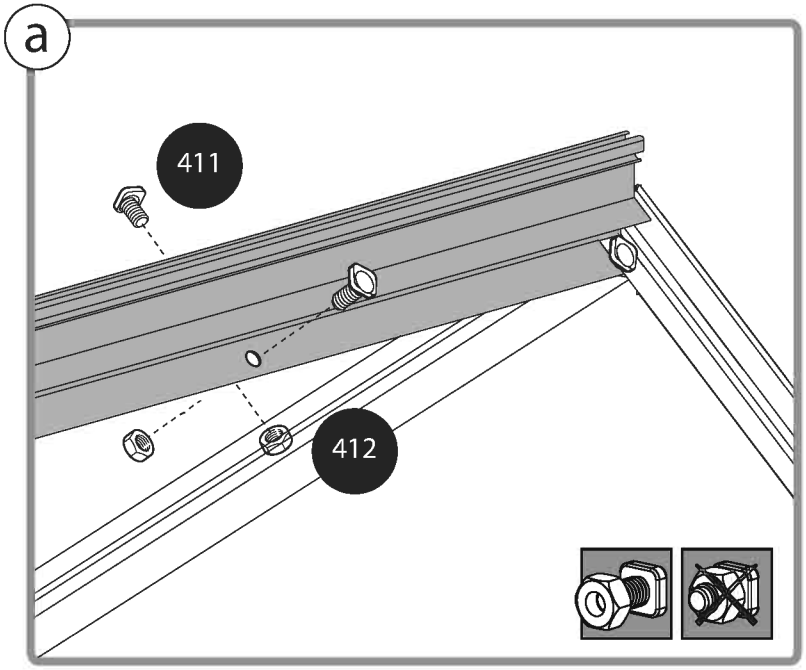




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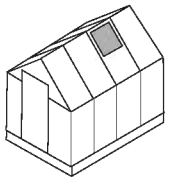
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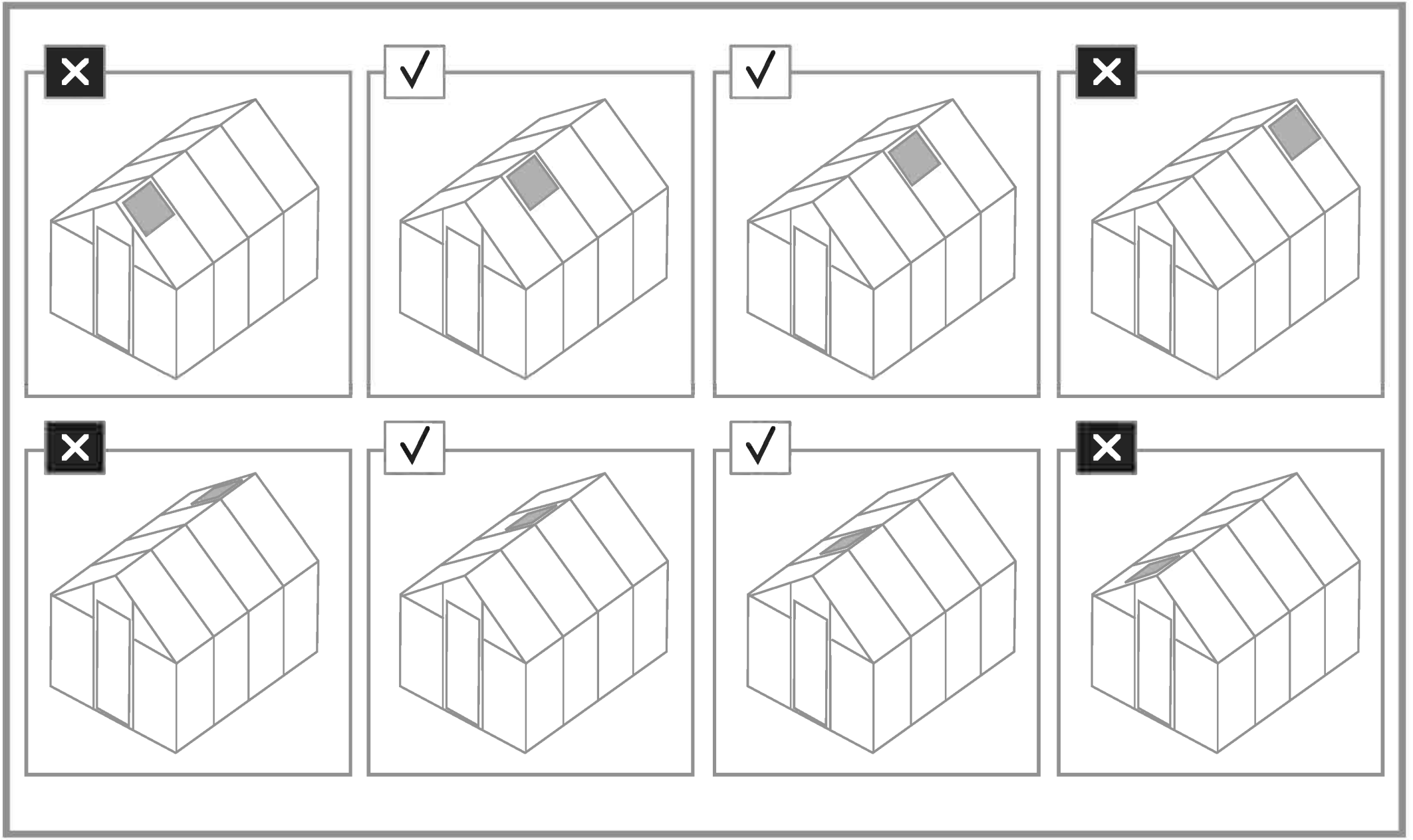


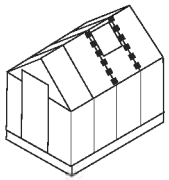


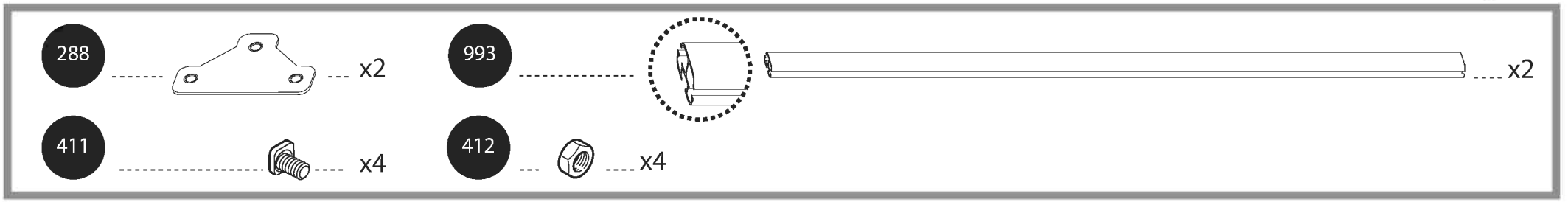
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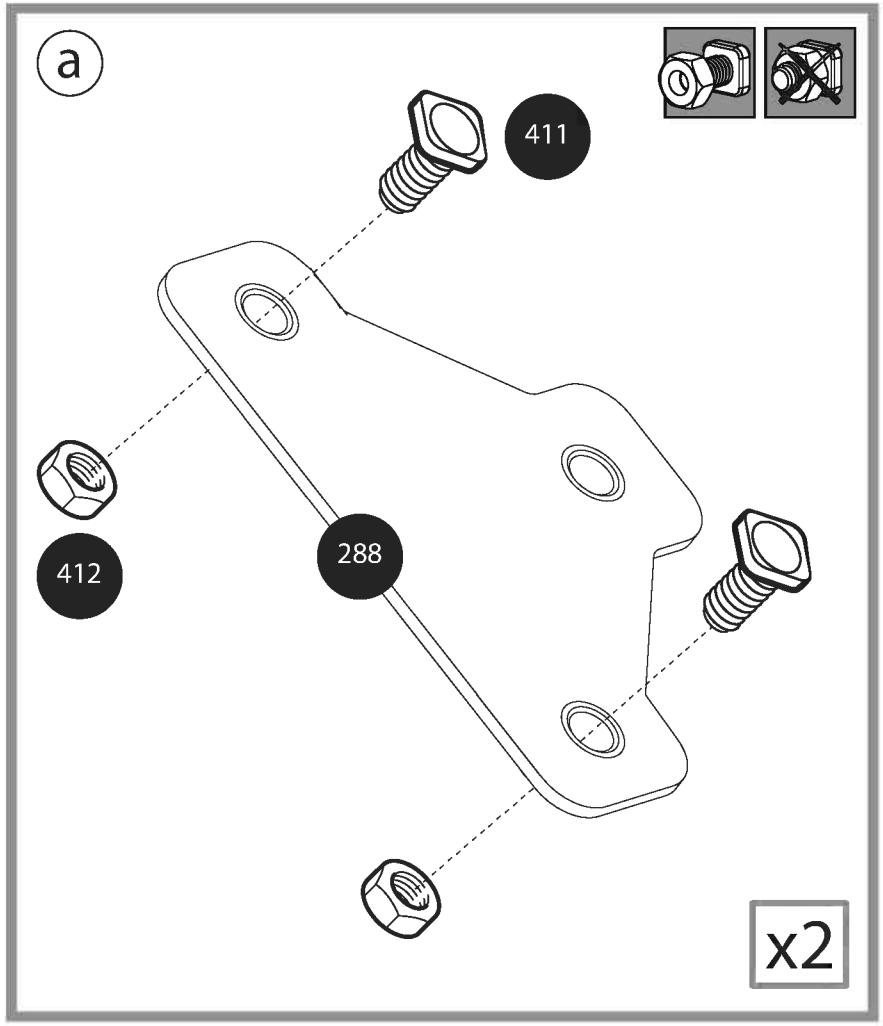
EN Window Location
GR Fenster Standort
FR Fenêtre Emplacement
SP Ventana Ubicación

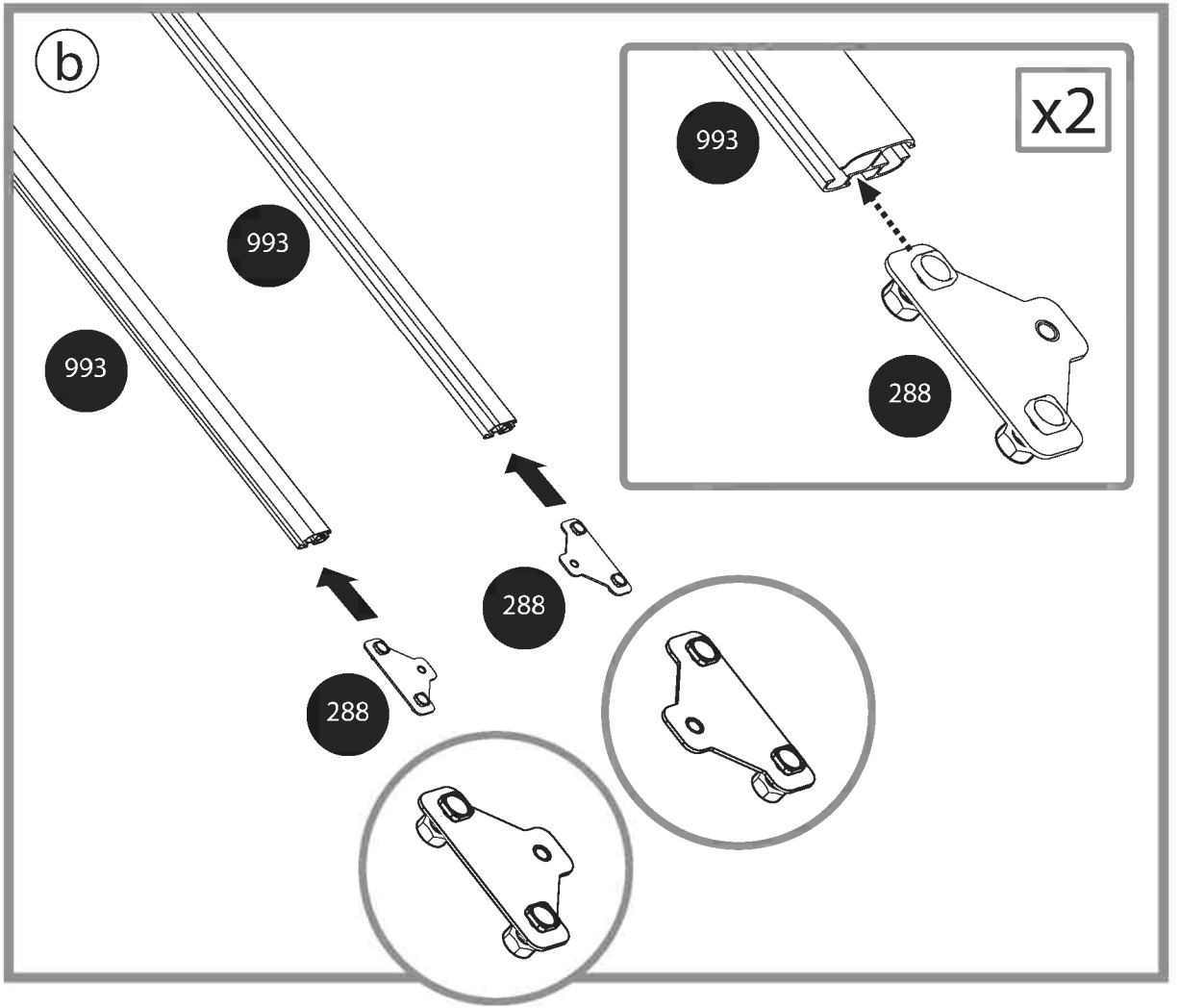


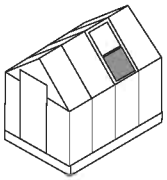





288
x2
993
x2
411
x4
412
x4


a
411
412
288
x2

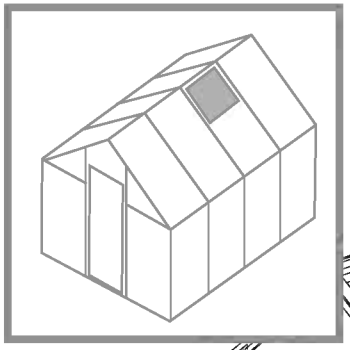

b
993
993
288
288
993
x2
288



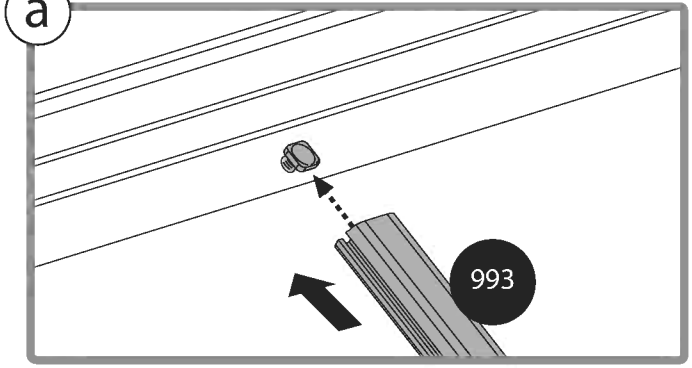
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411 ---- x2

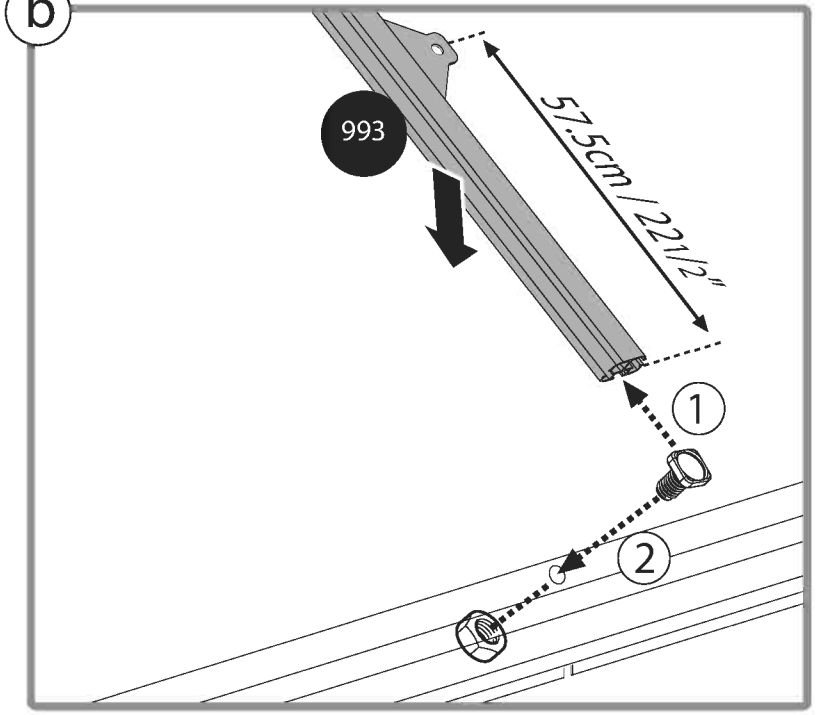
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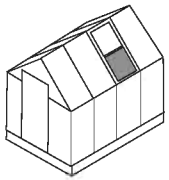


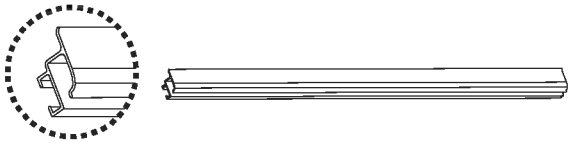
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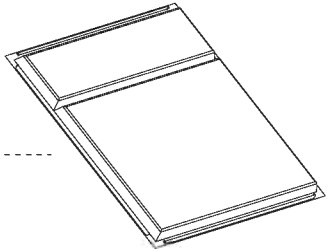
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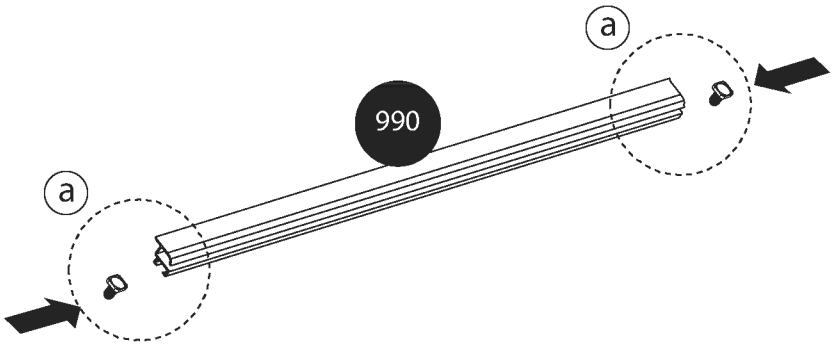


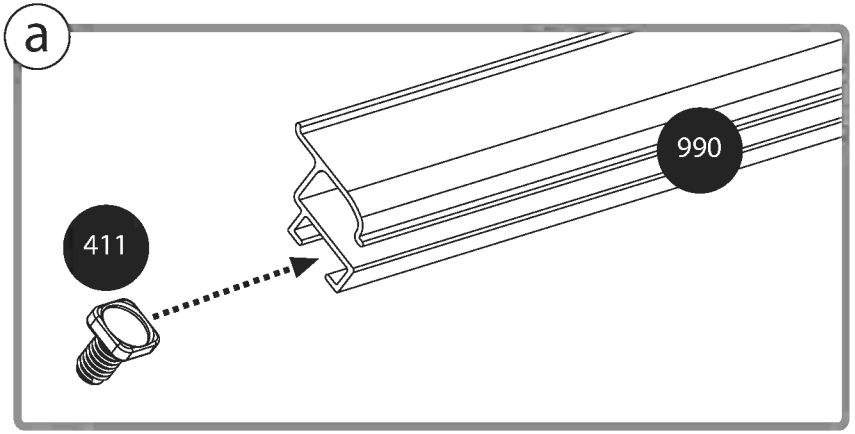


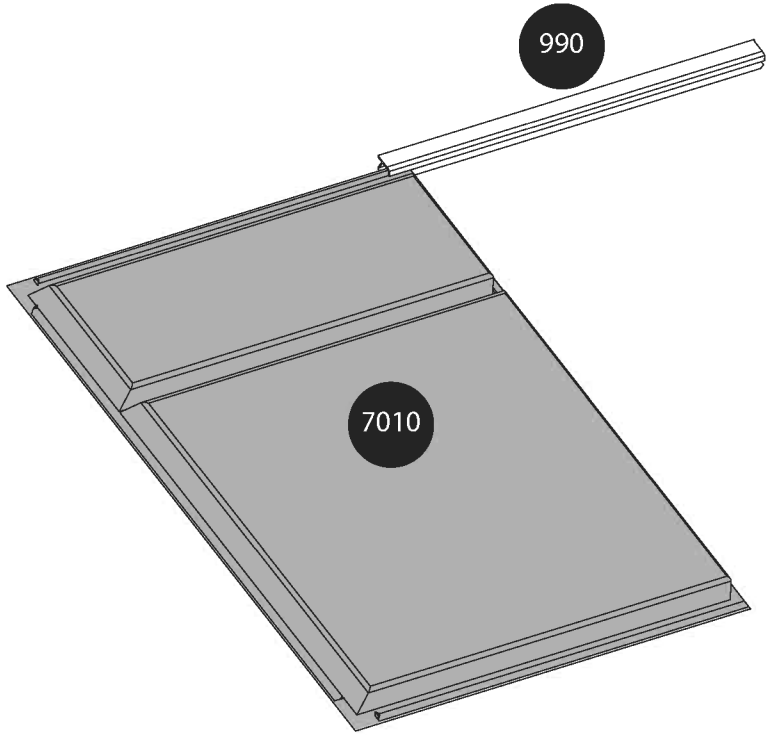
990  x1

411  x2

7010  x1

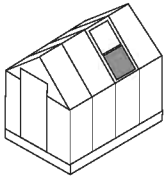




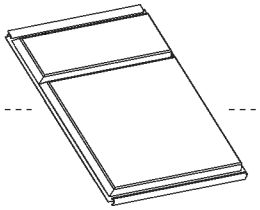


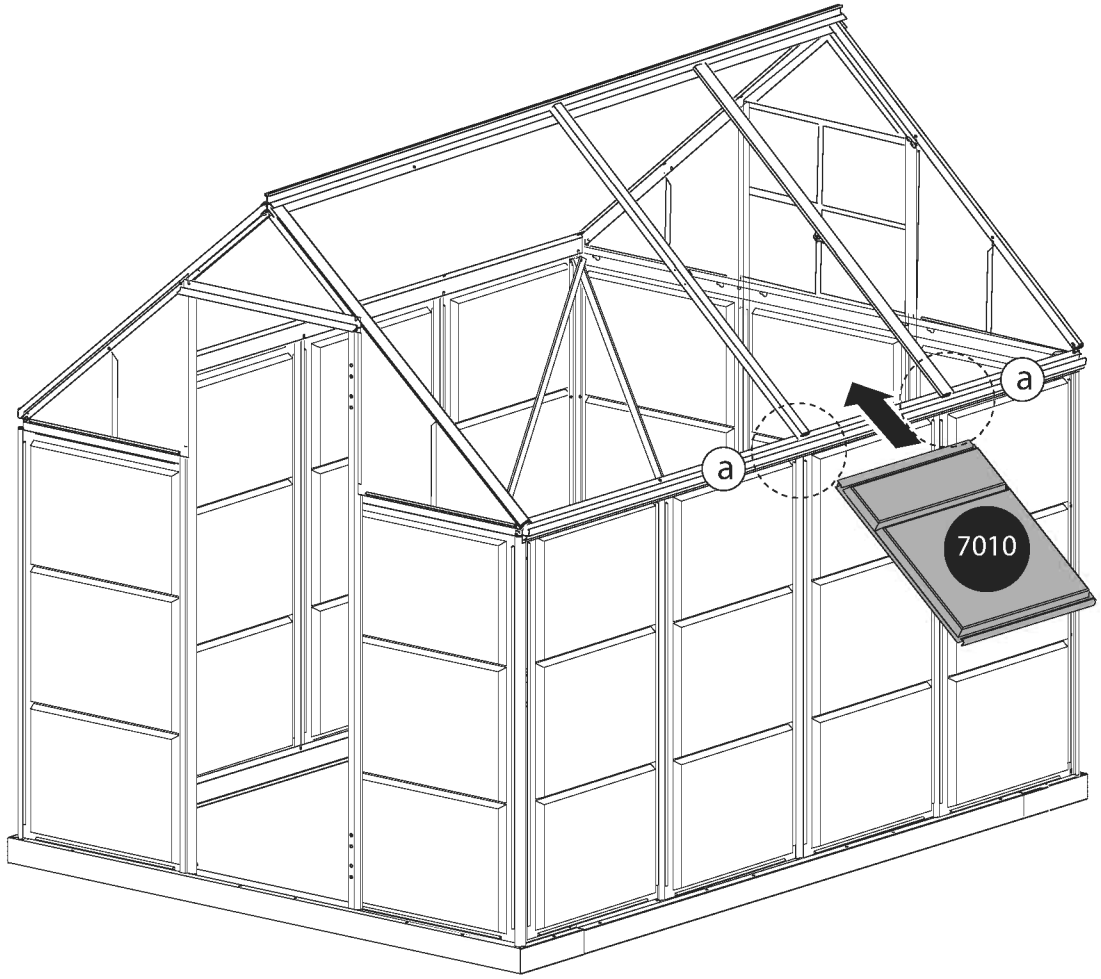
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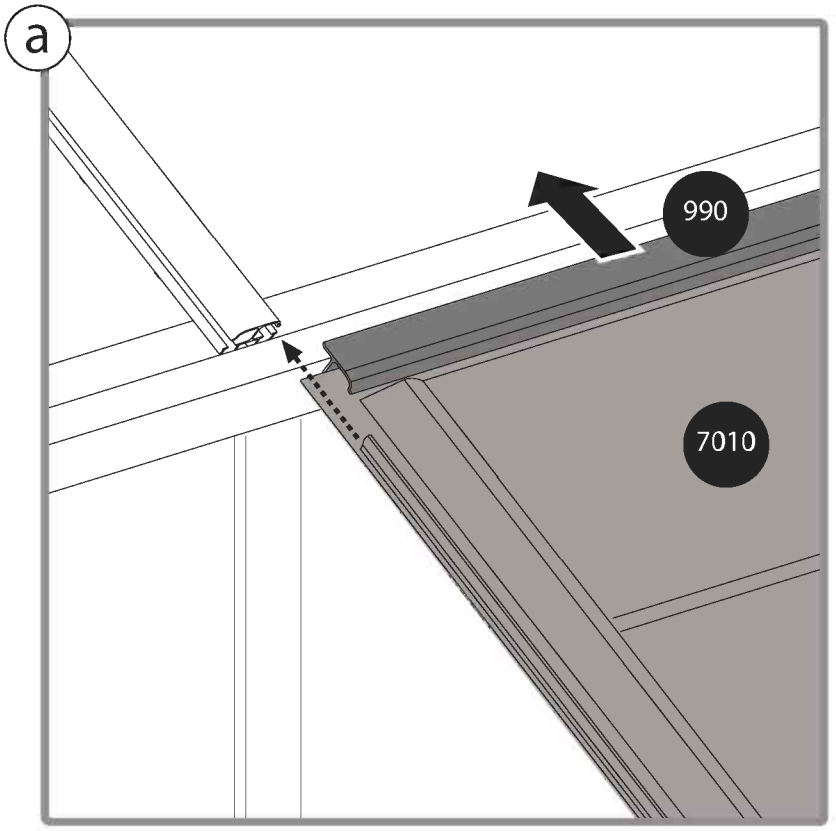
x2

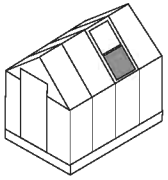


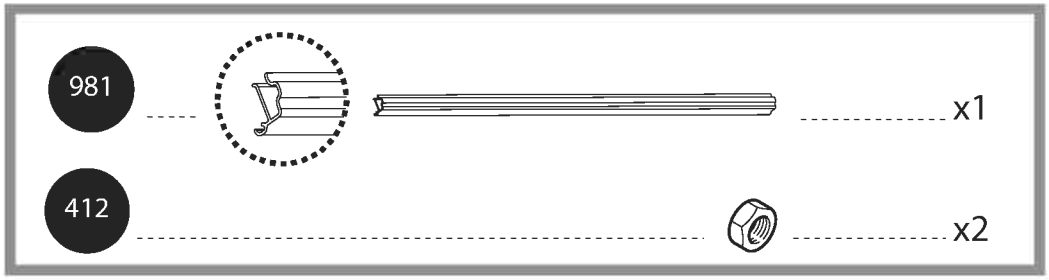
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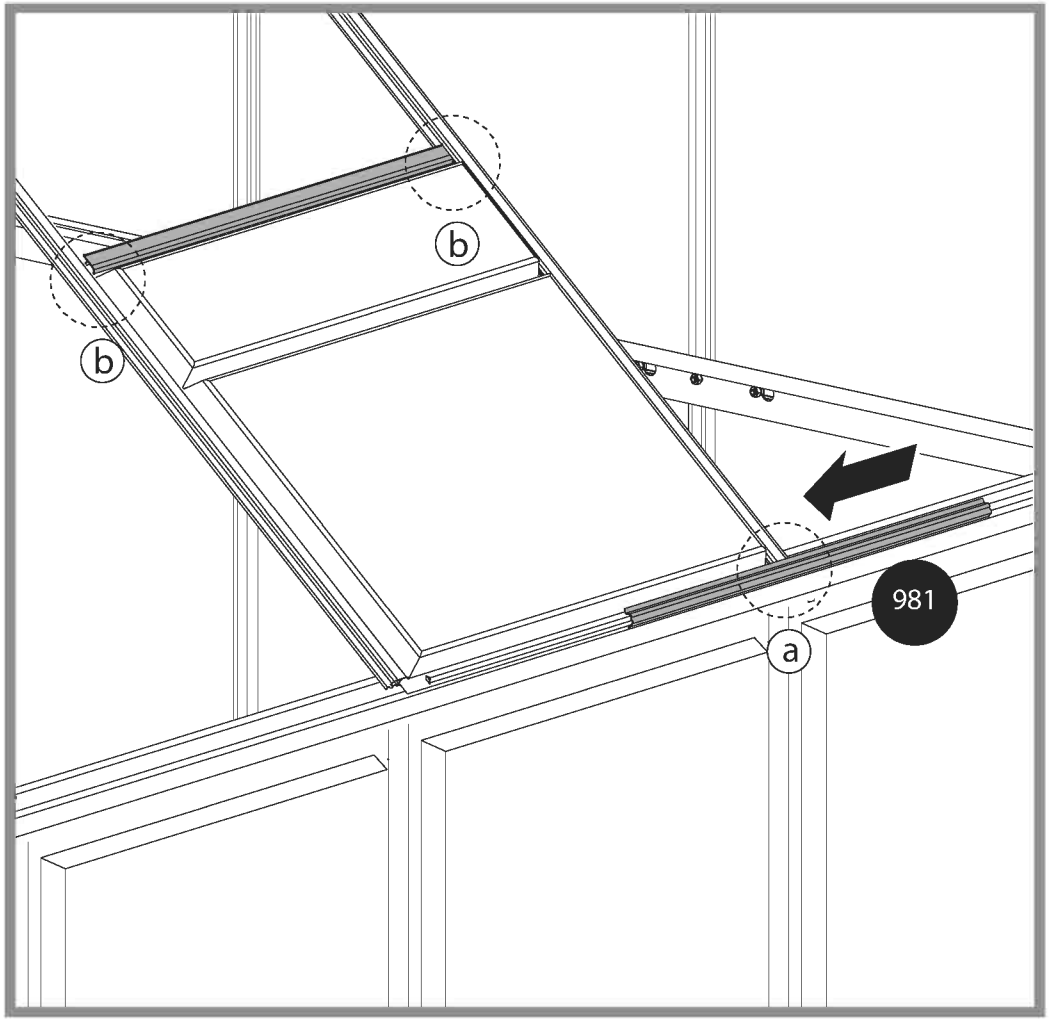


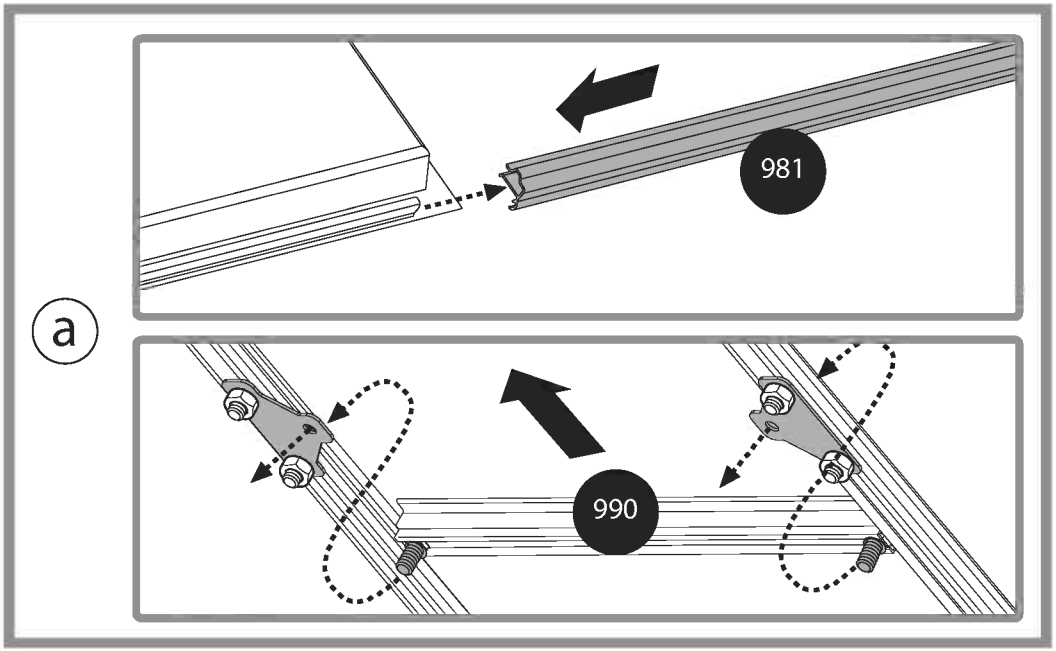


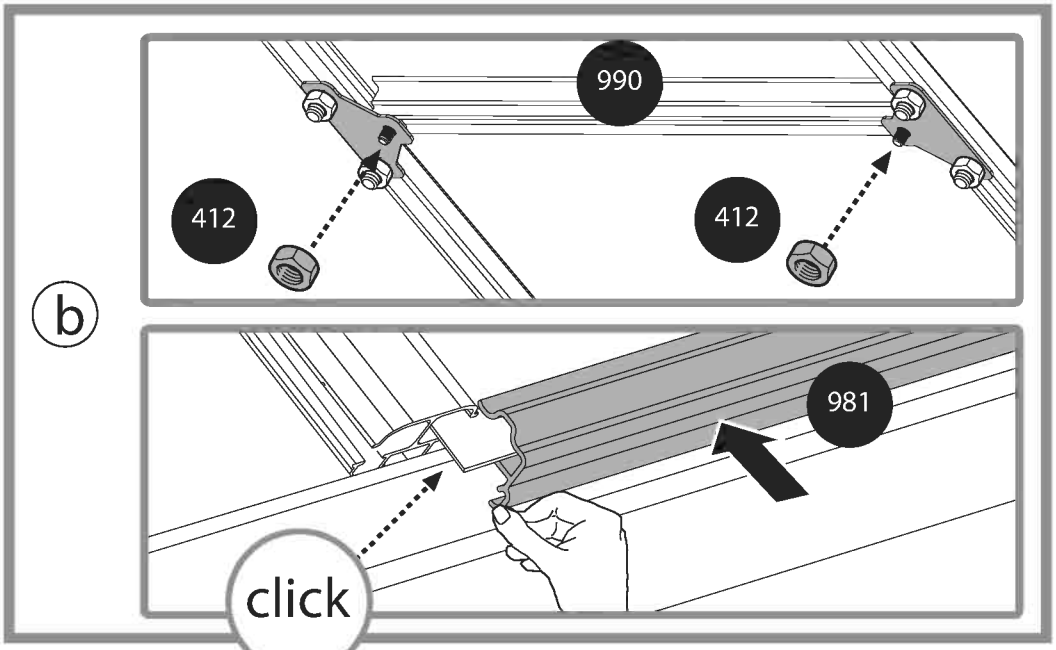


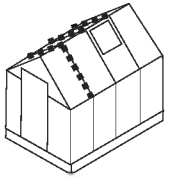



981
x1
412
x2


b
b
981
a


a
981
990

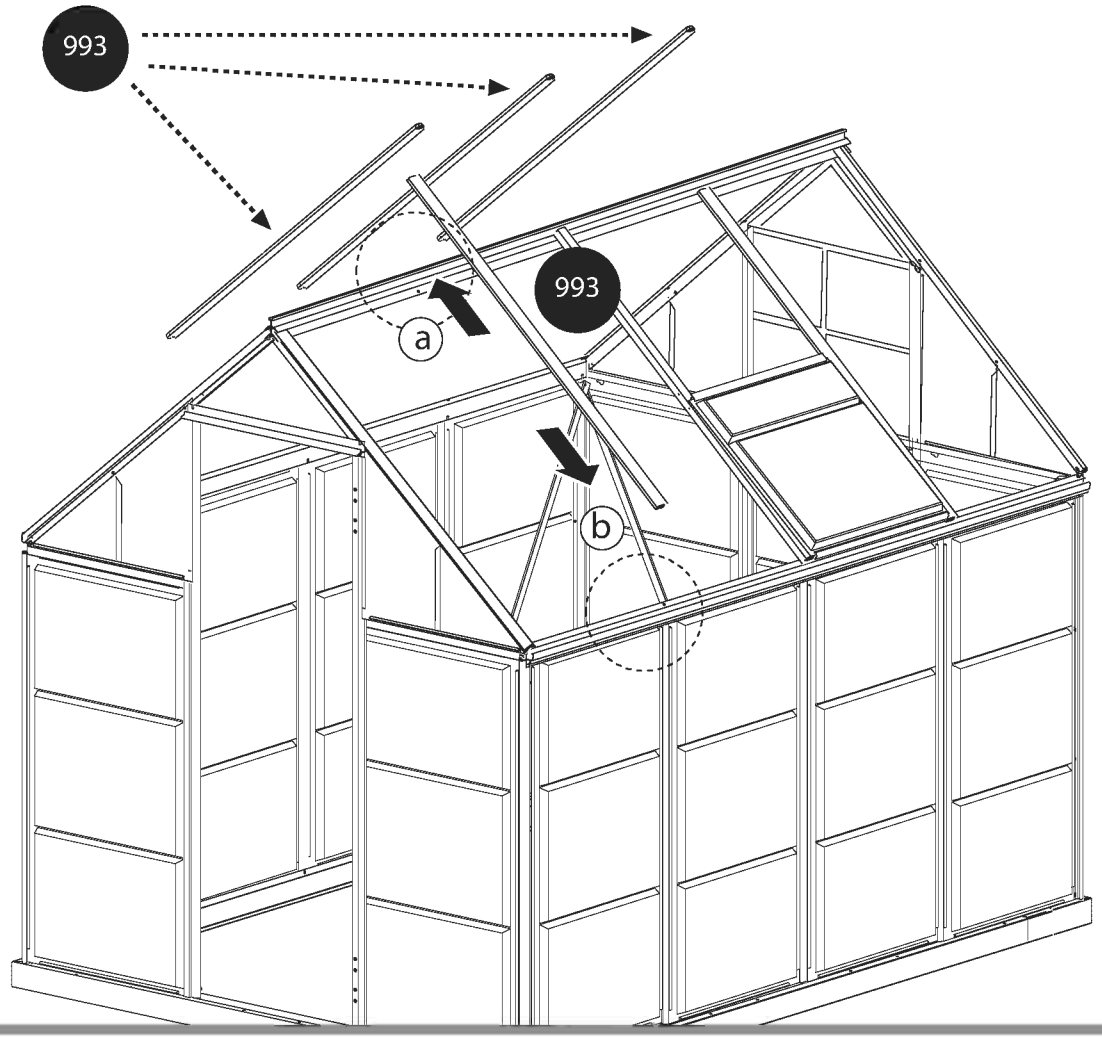

b
990
412
412
981
click

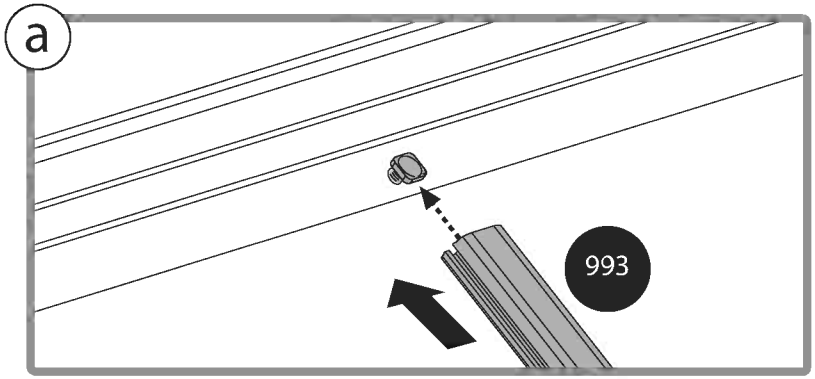


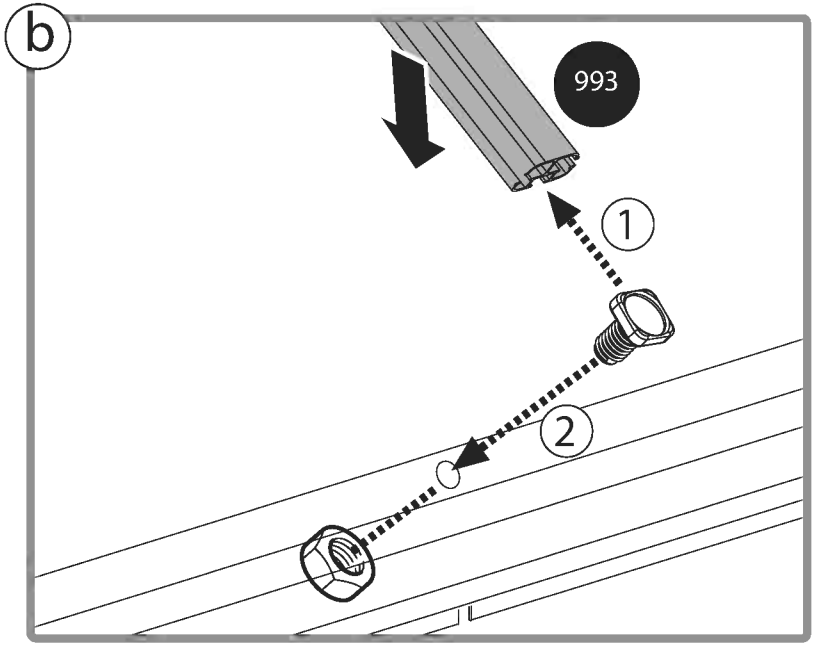
993 ----- x4

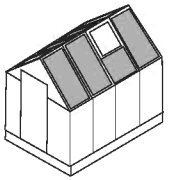
411 ---- x4

412 ---- x4



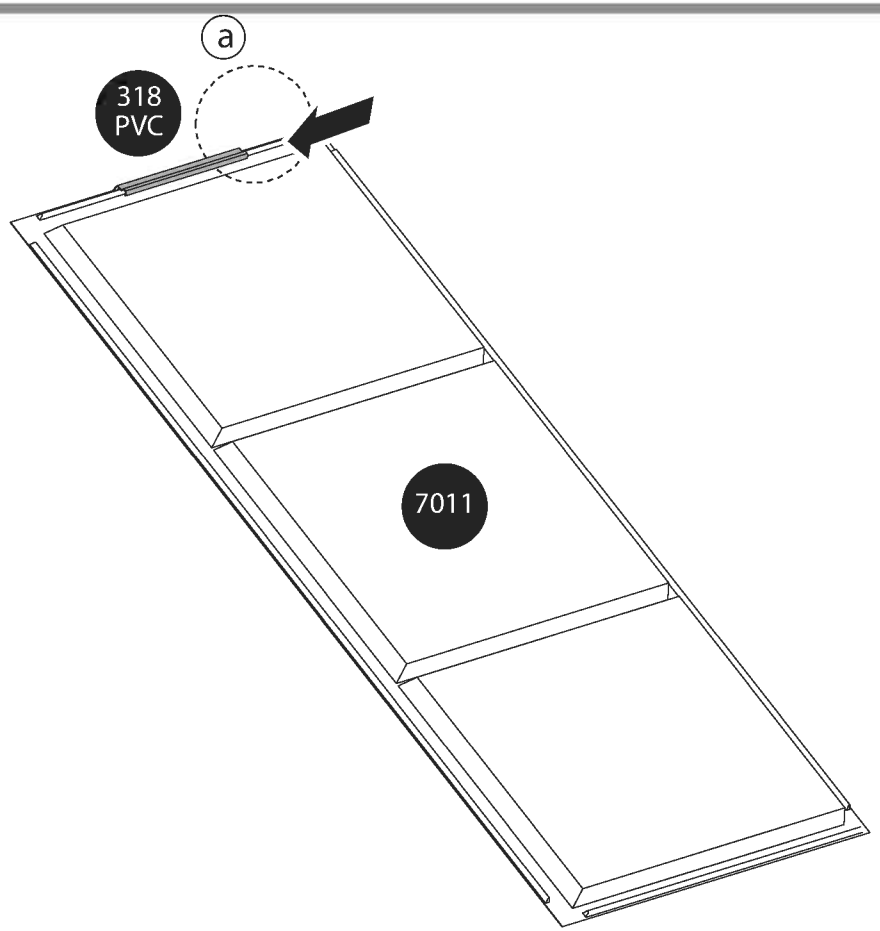


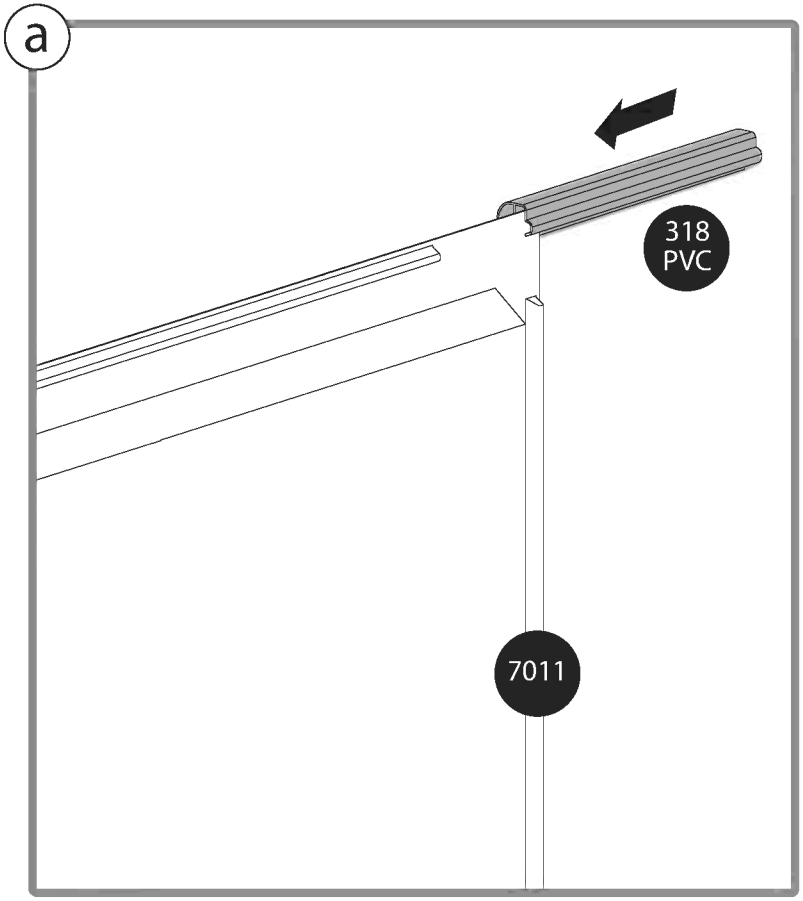


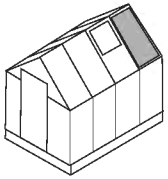


7011 ---------- x7

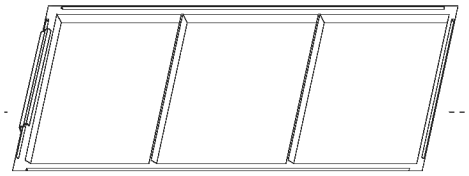
318 PVC ---------- x7





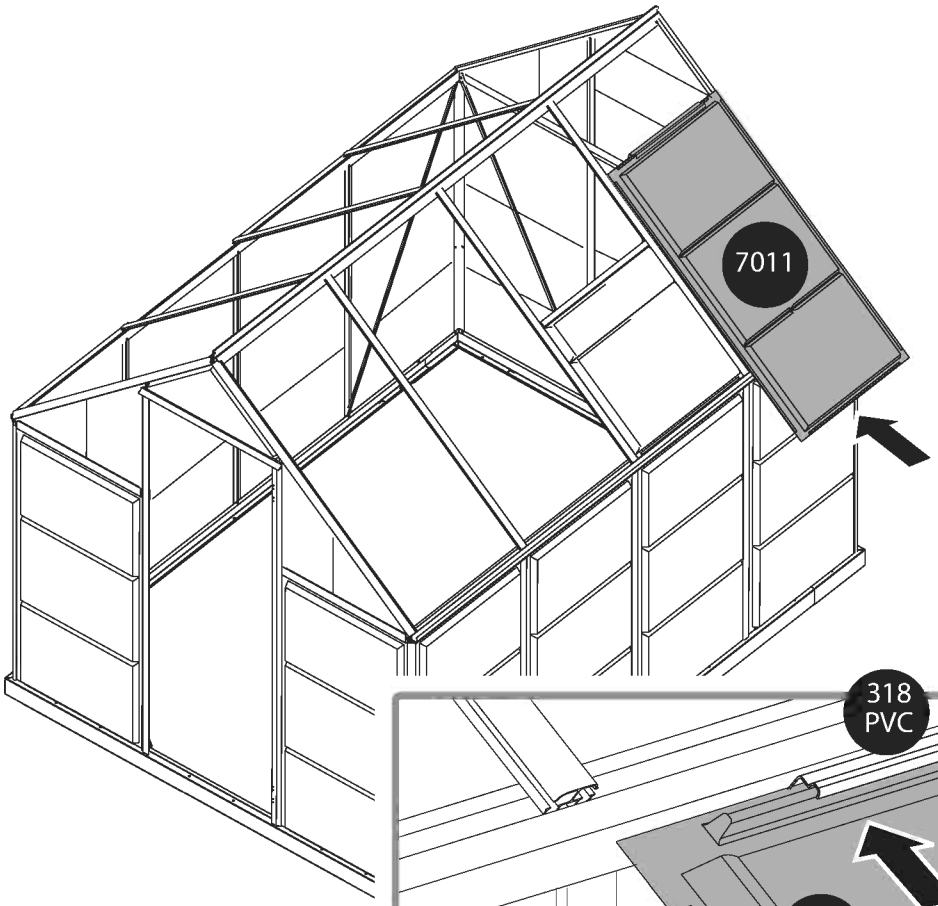


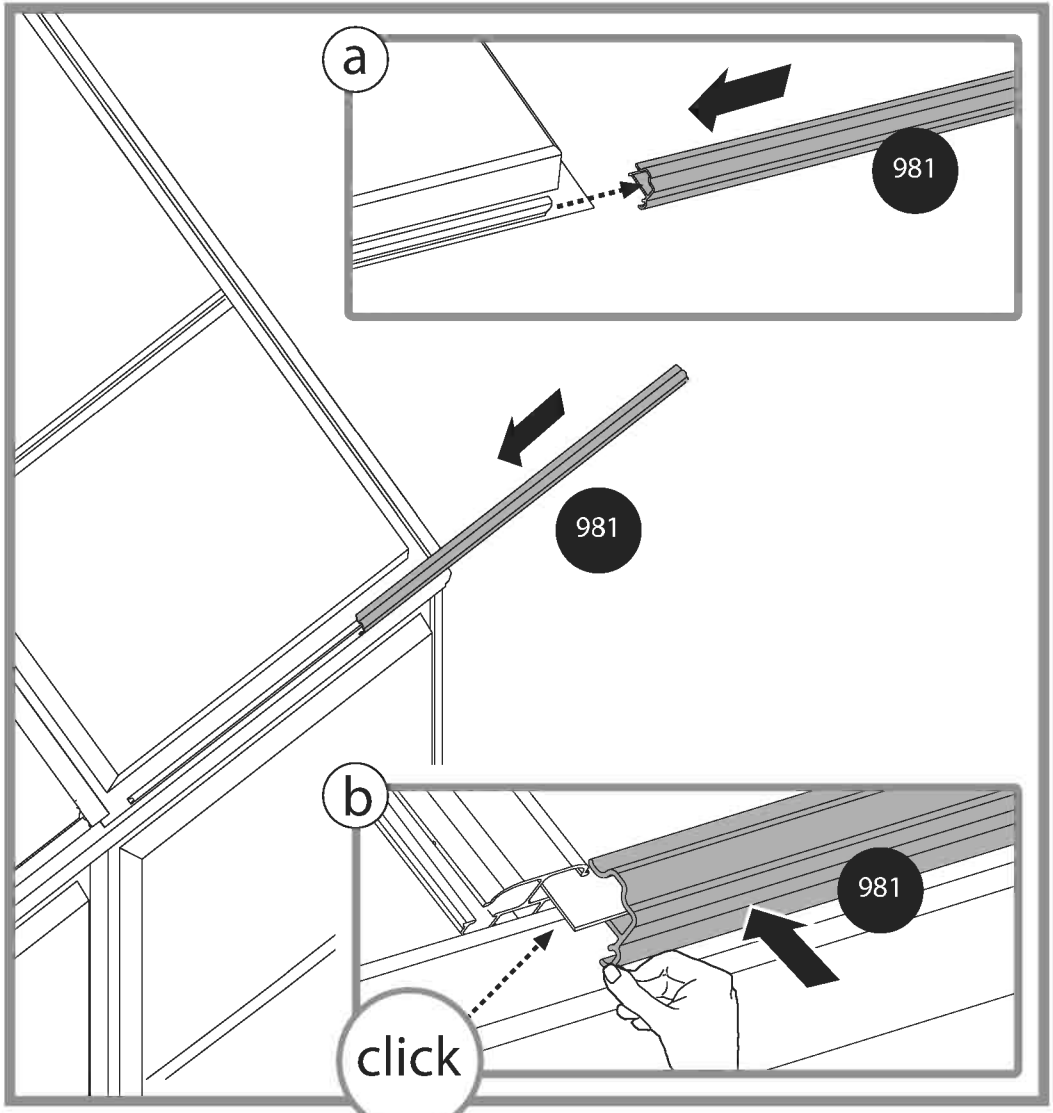
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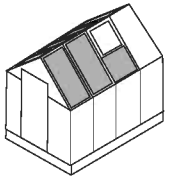


981 ..... x1

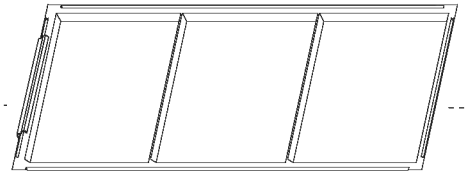








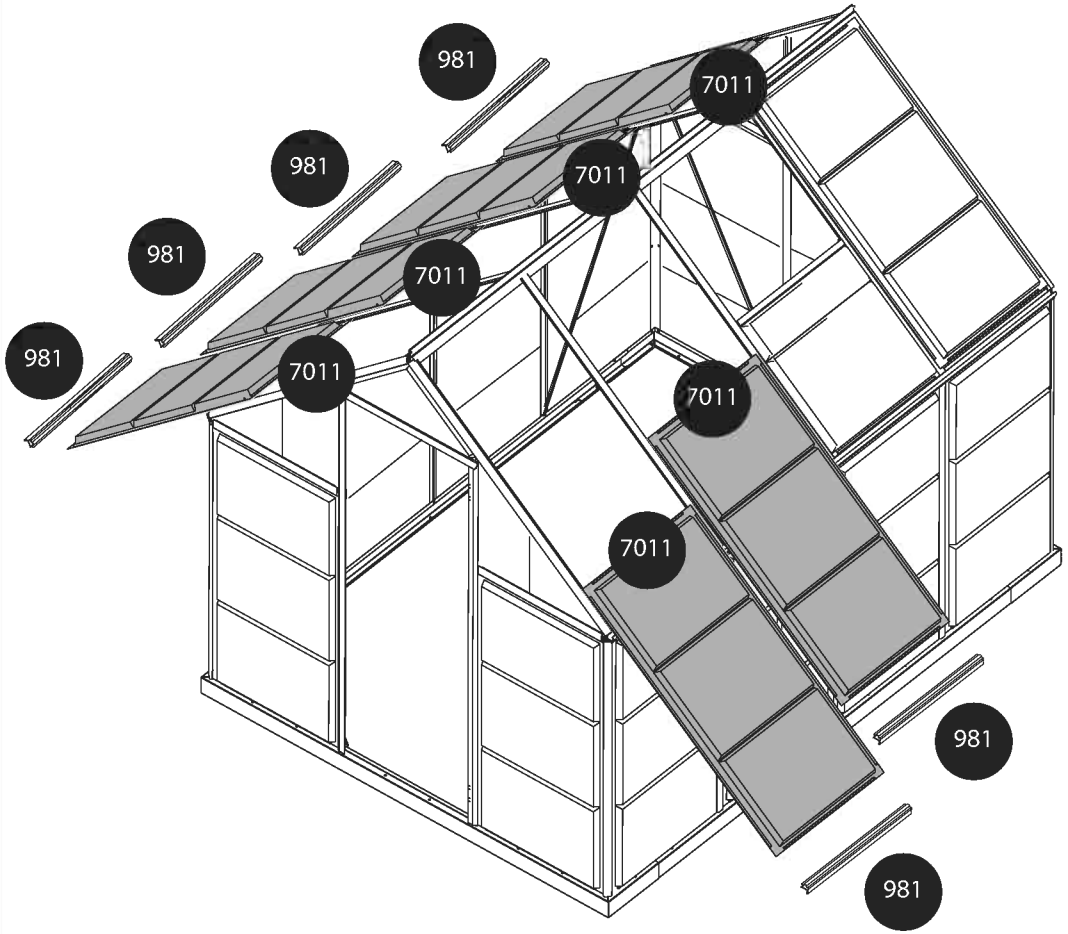
7011 ..... x6



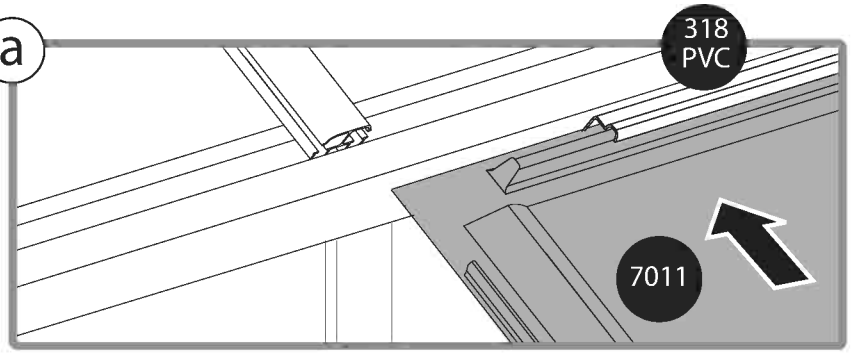
981 .....



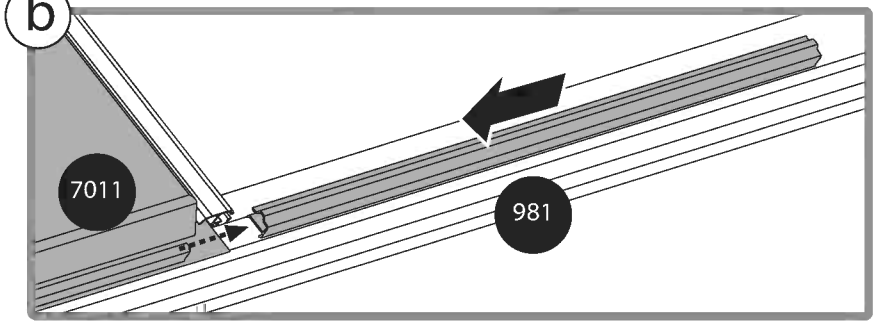
..... x6



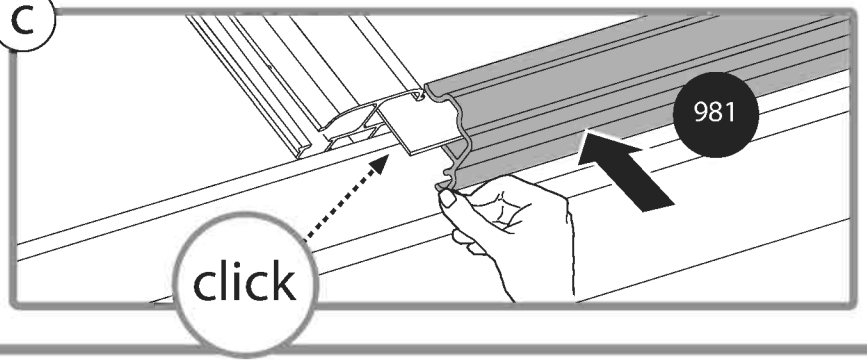
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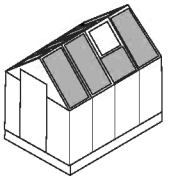


b



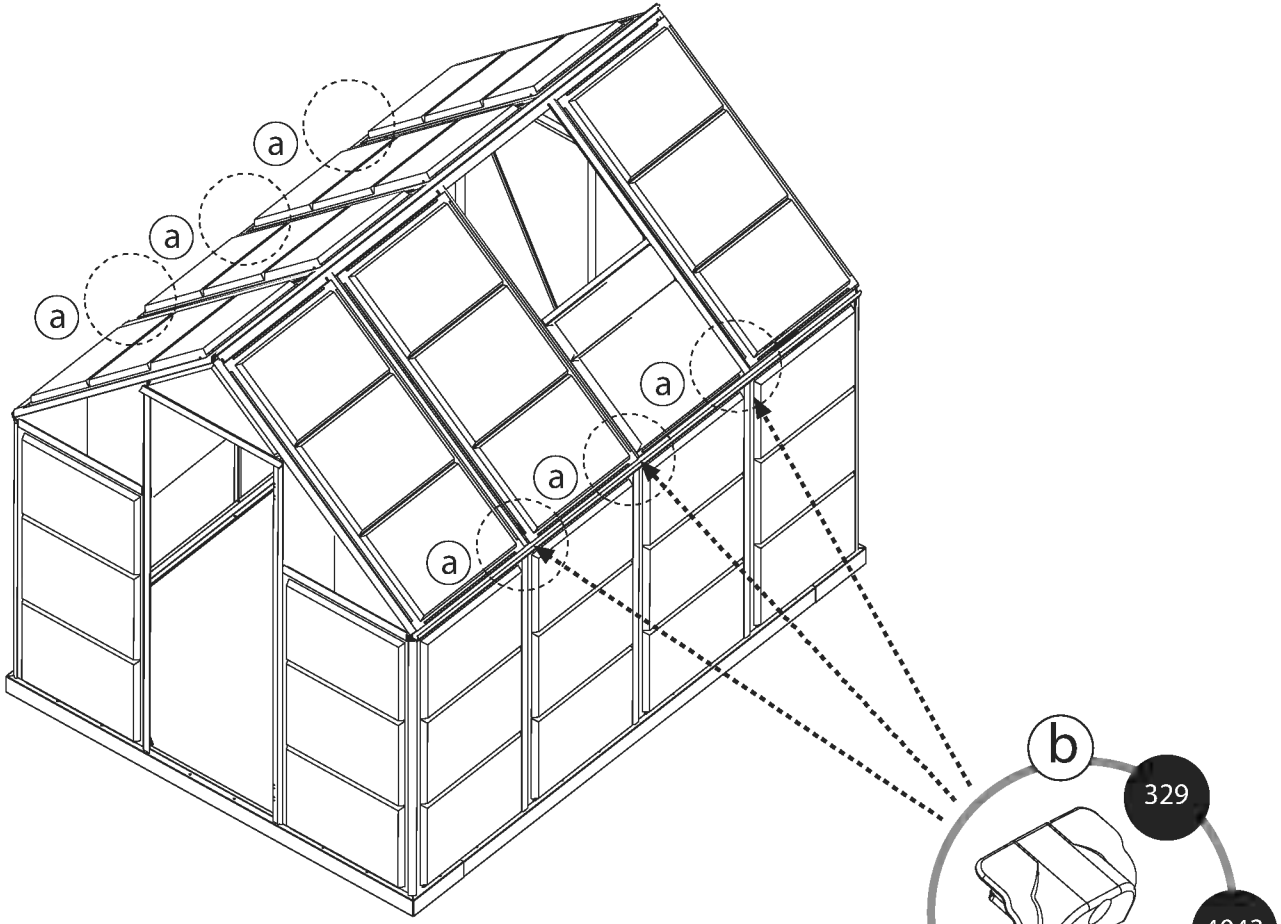
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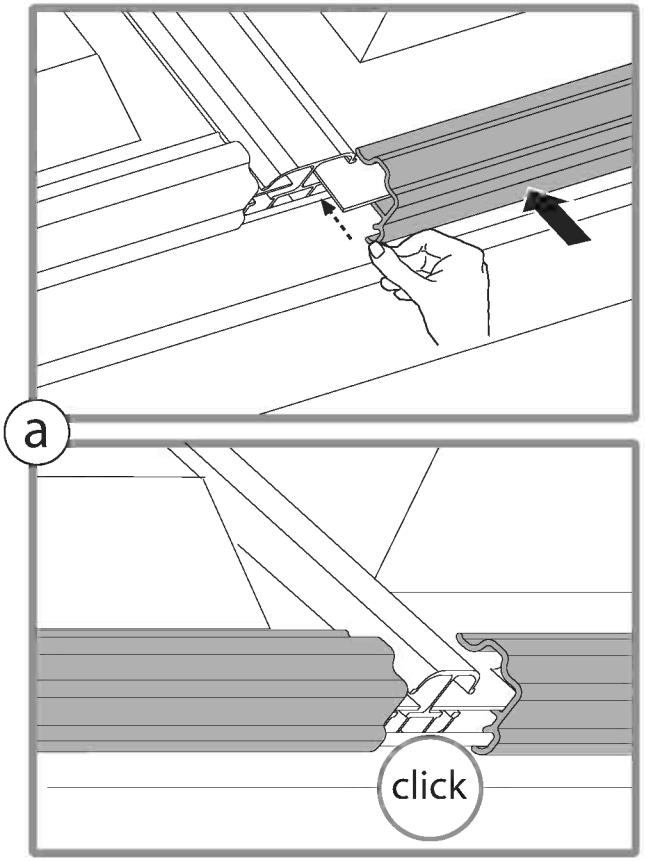


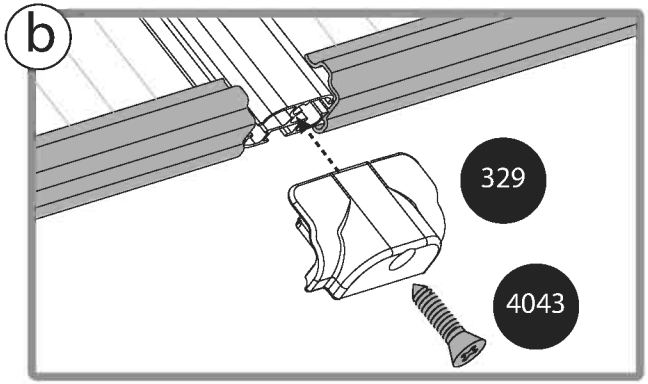


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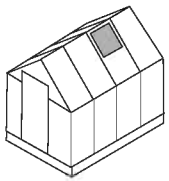
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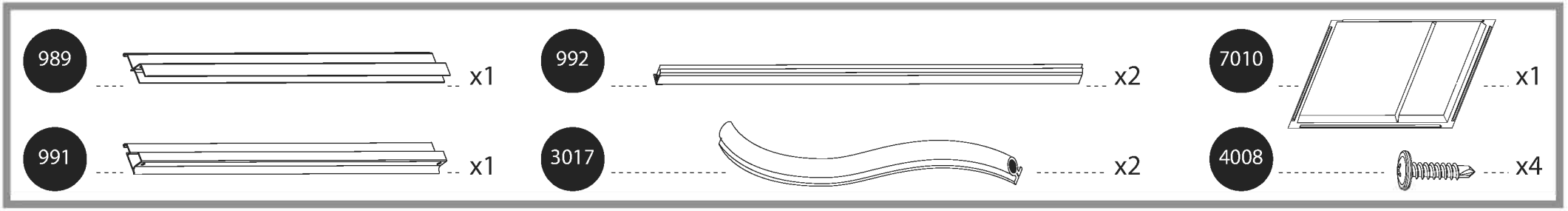


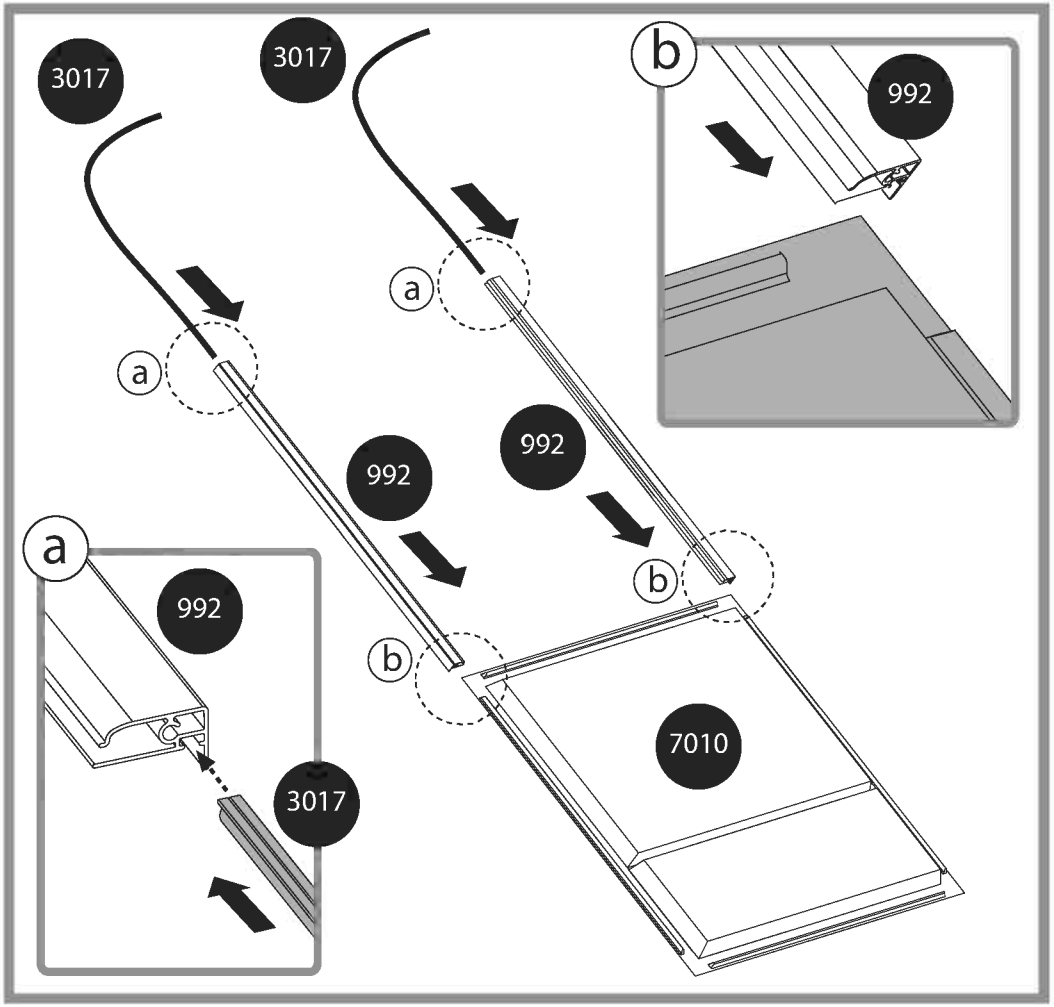


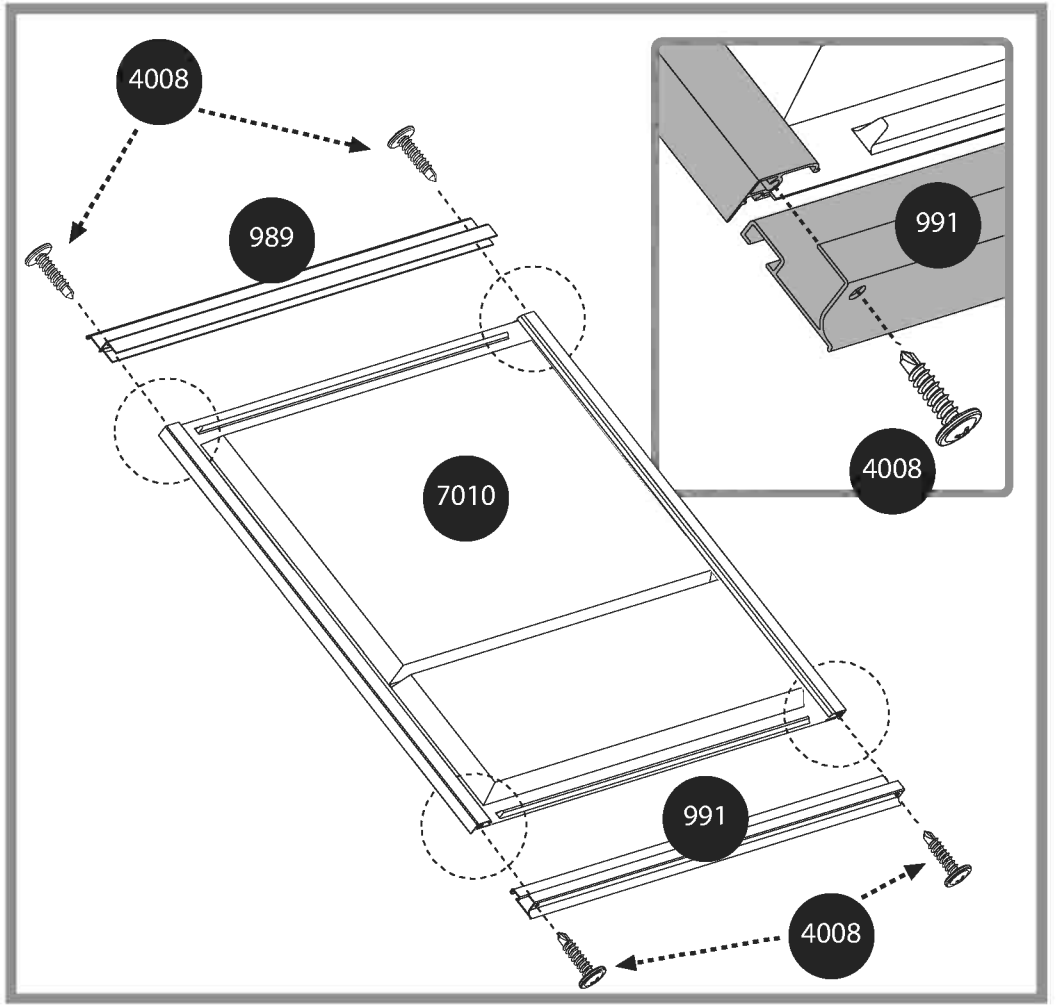


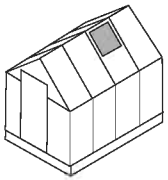
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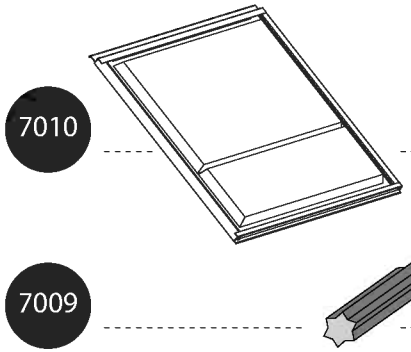



989
x1
992
x2
7010
x1
991
x1
3017
x2
4008
x4

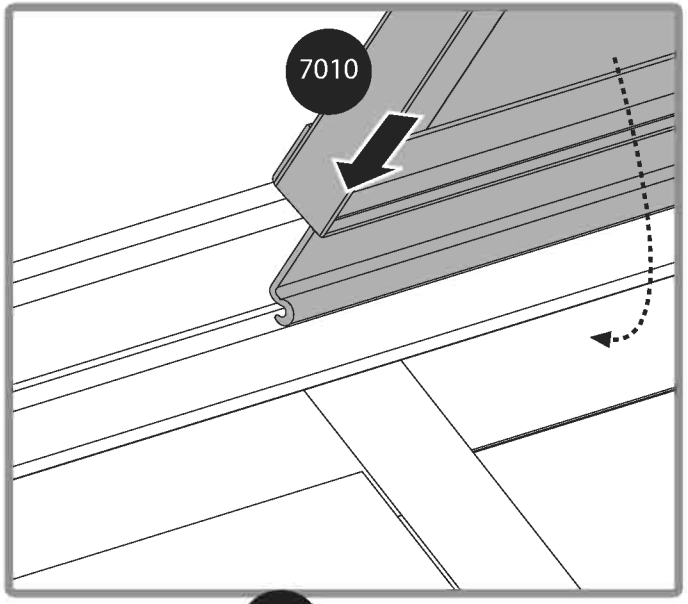

3017
3017
a
a
b
992
992
992
b
b
7010
a
992
3017

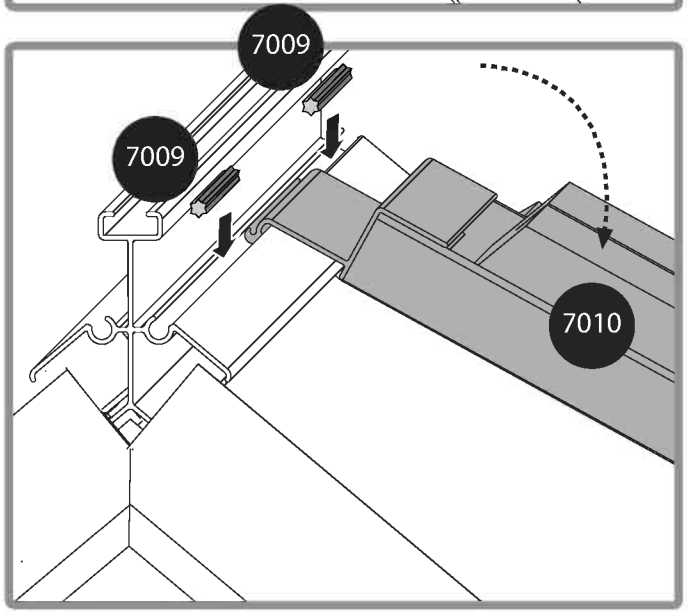

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991
4008
7010
991
4008

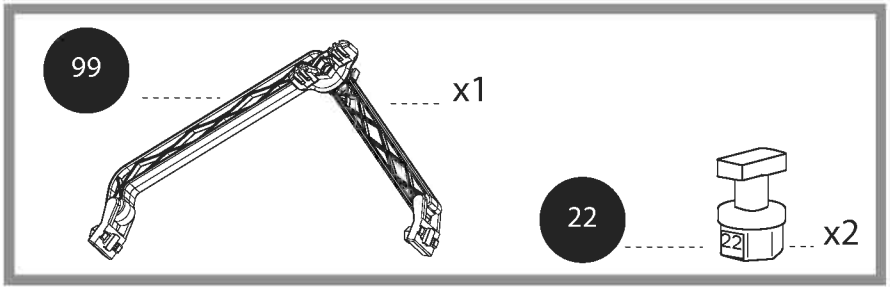


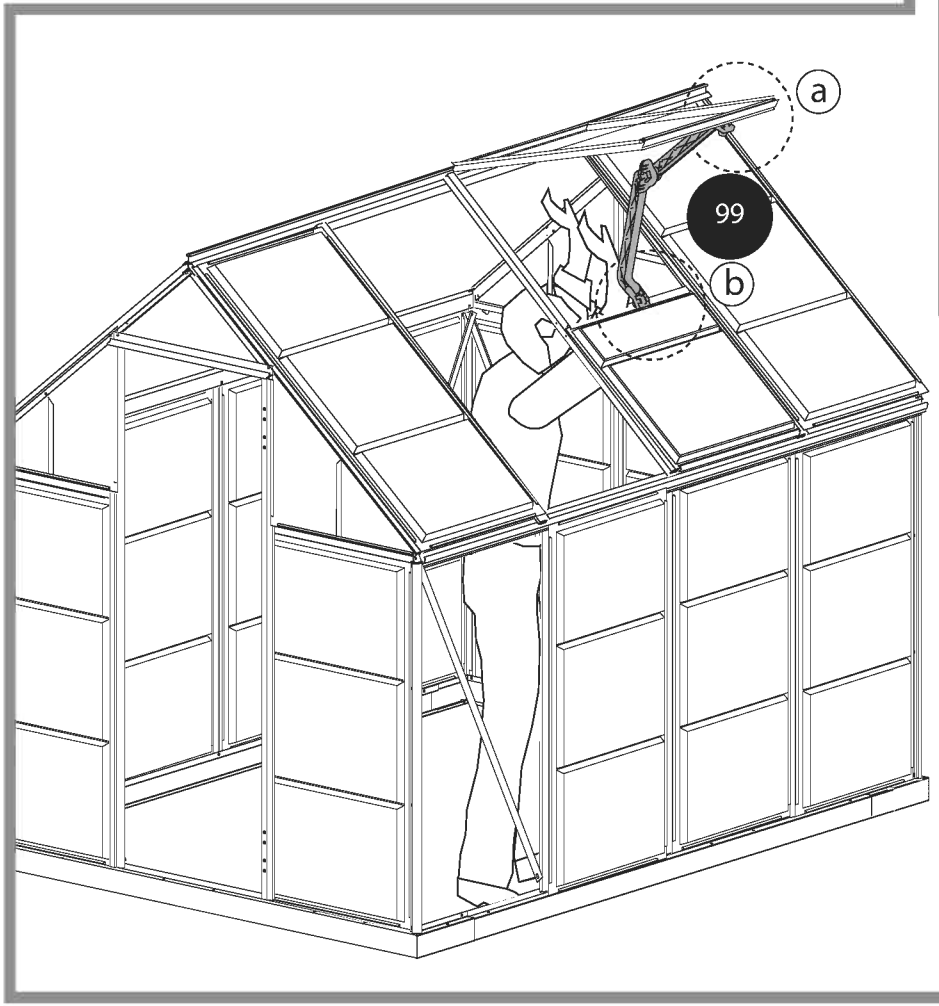

7010
x1
7009
x2

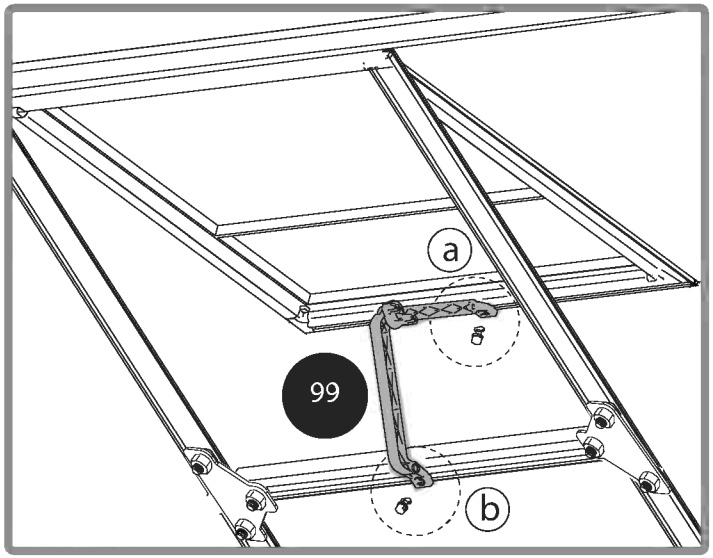
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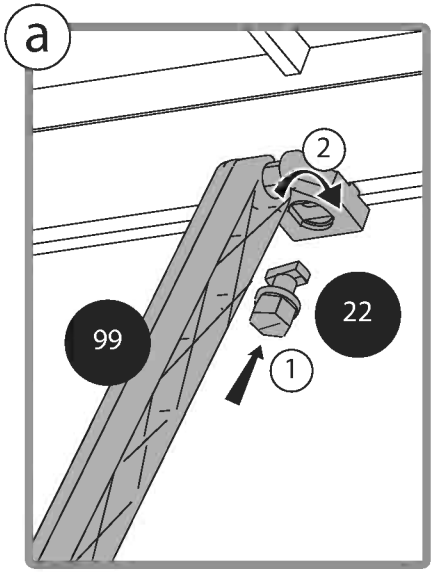

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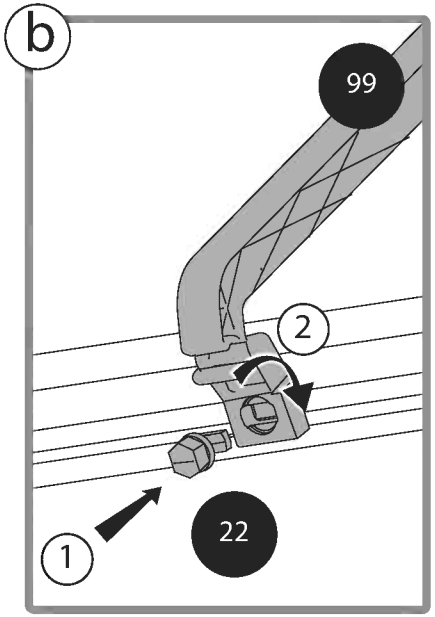

7009
7009
7010


99
x1
22
22
x2

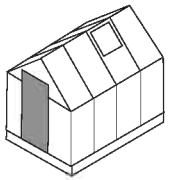

a
99
b

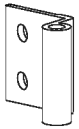

a
99
b


a
2
99
22
1


b
99
2
1
22

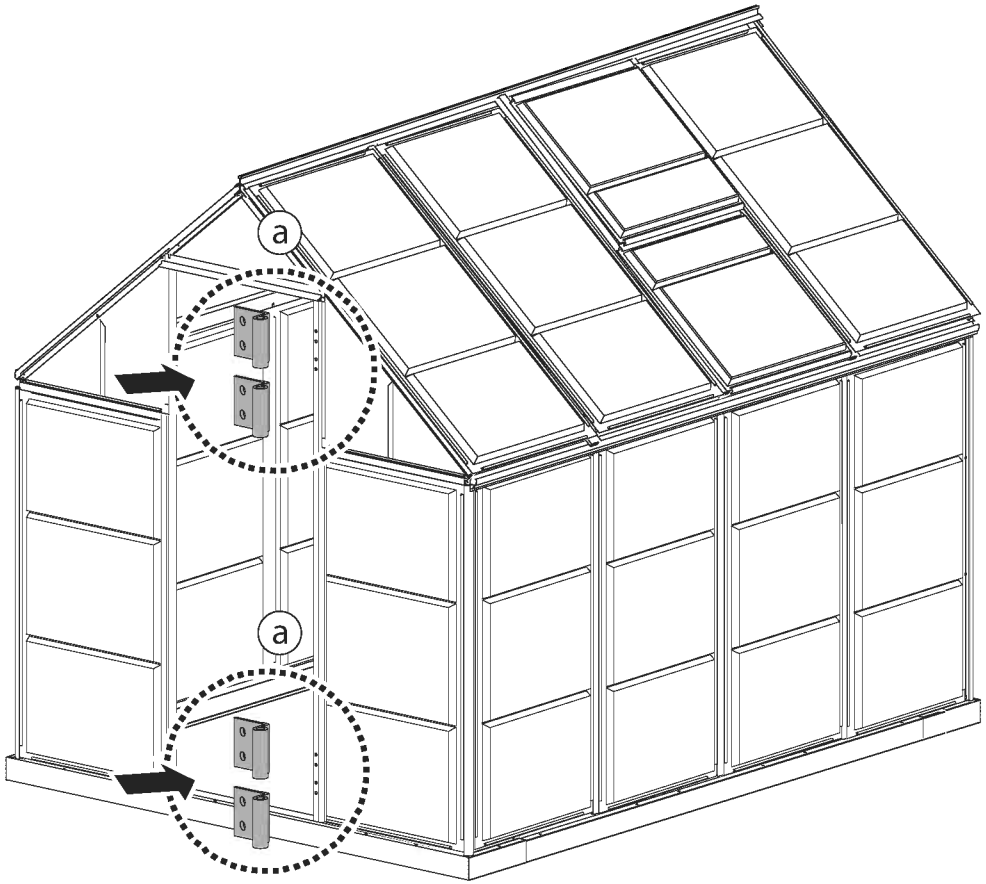
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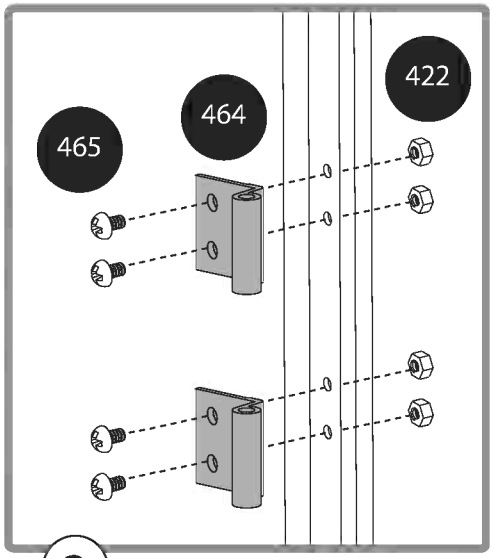


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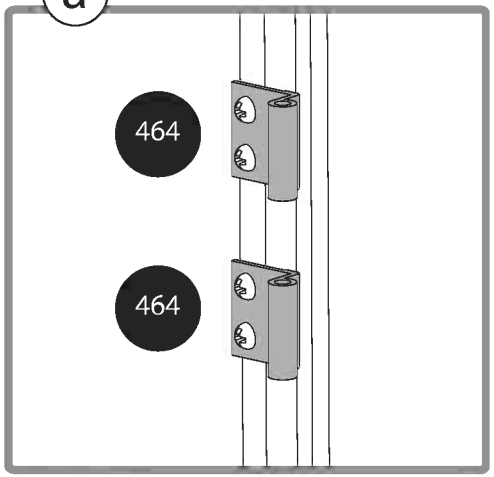
422 ---  ----- x8

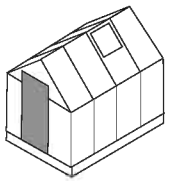
465 ---  ----- x8





a

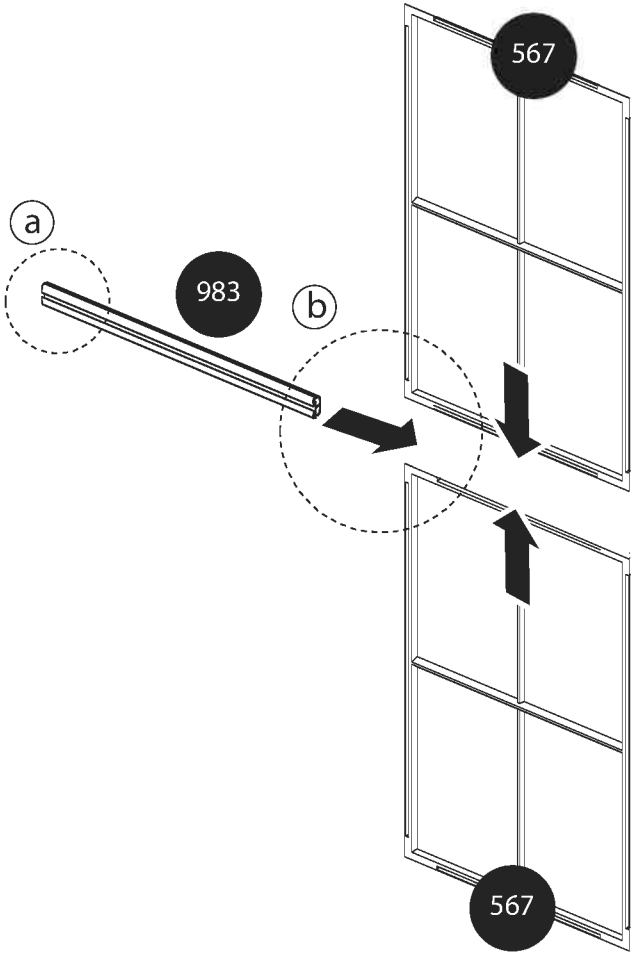


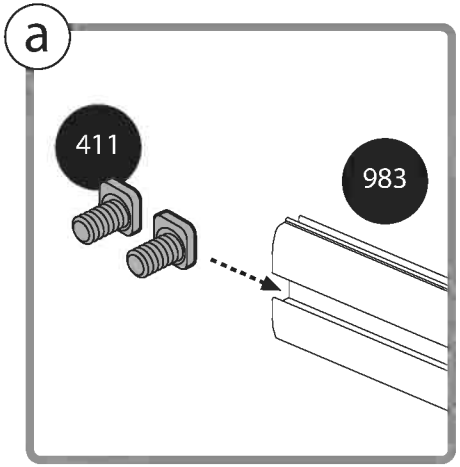


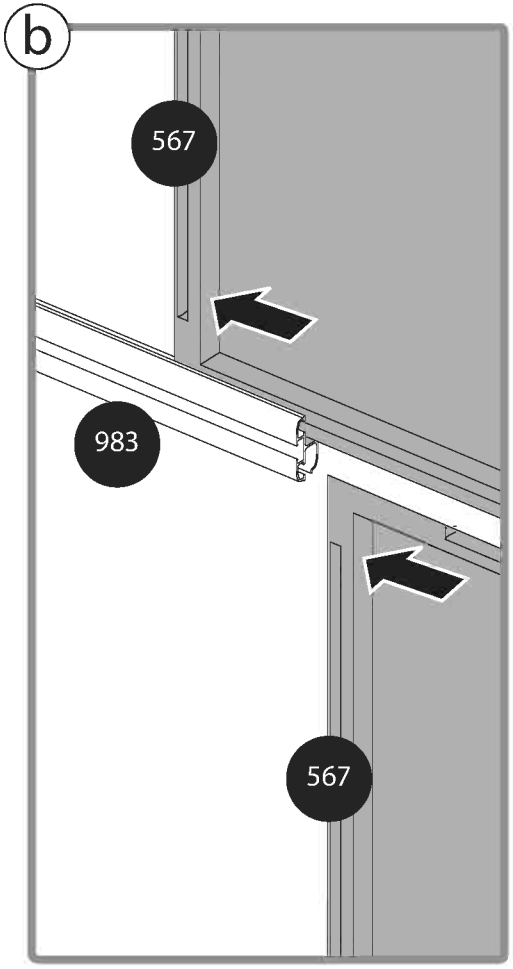
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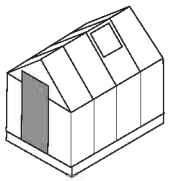
567 x2

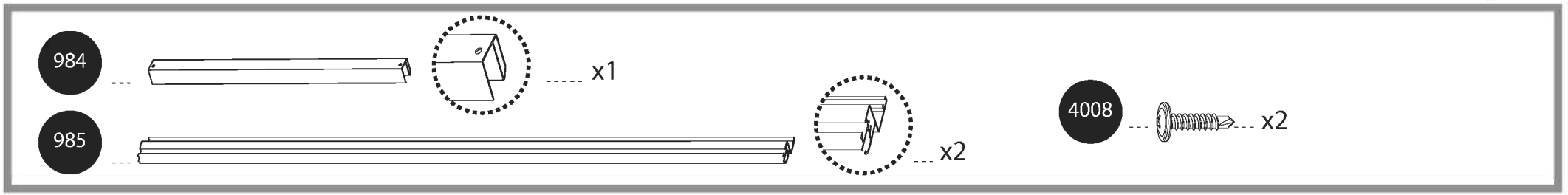
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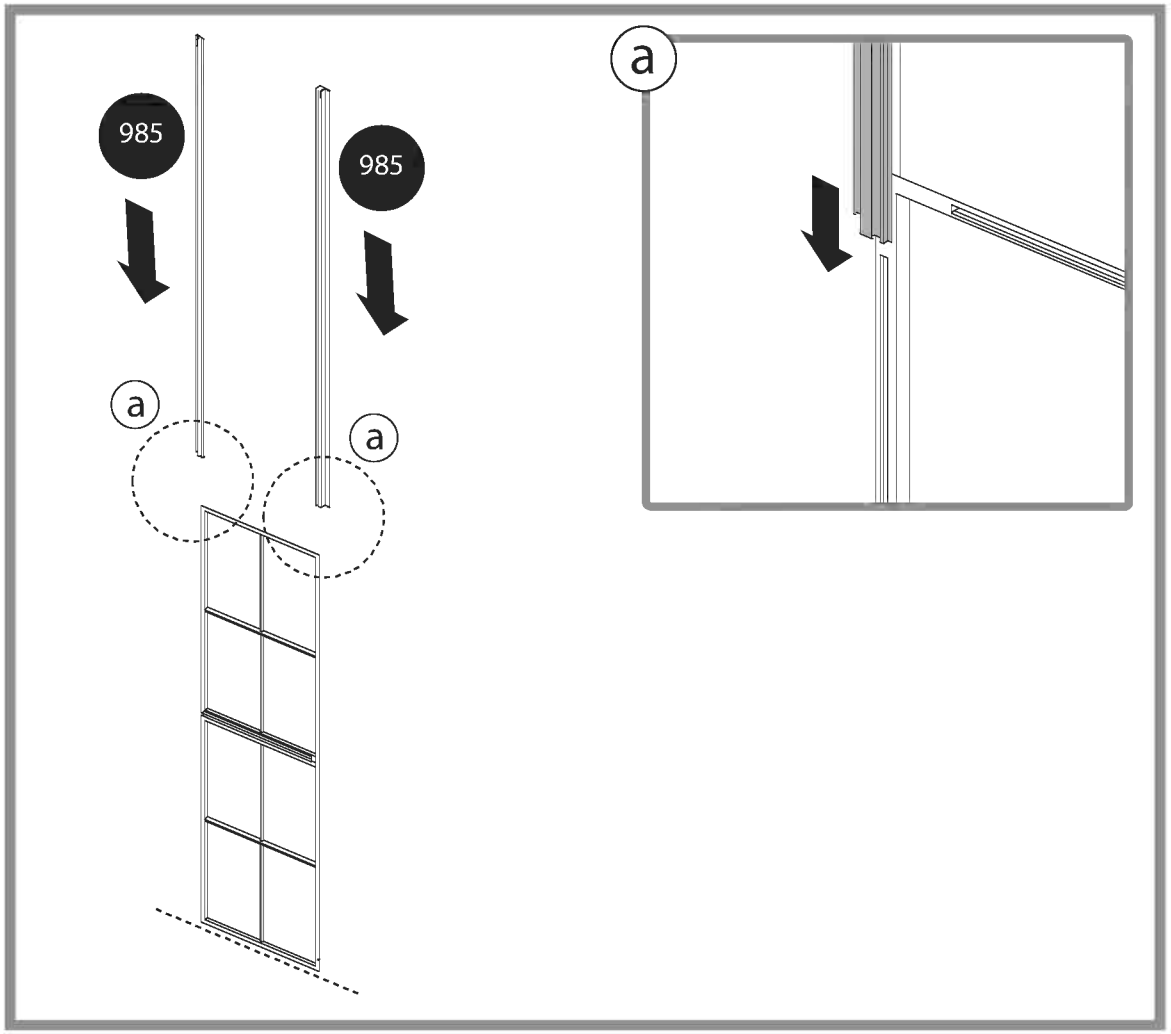


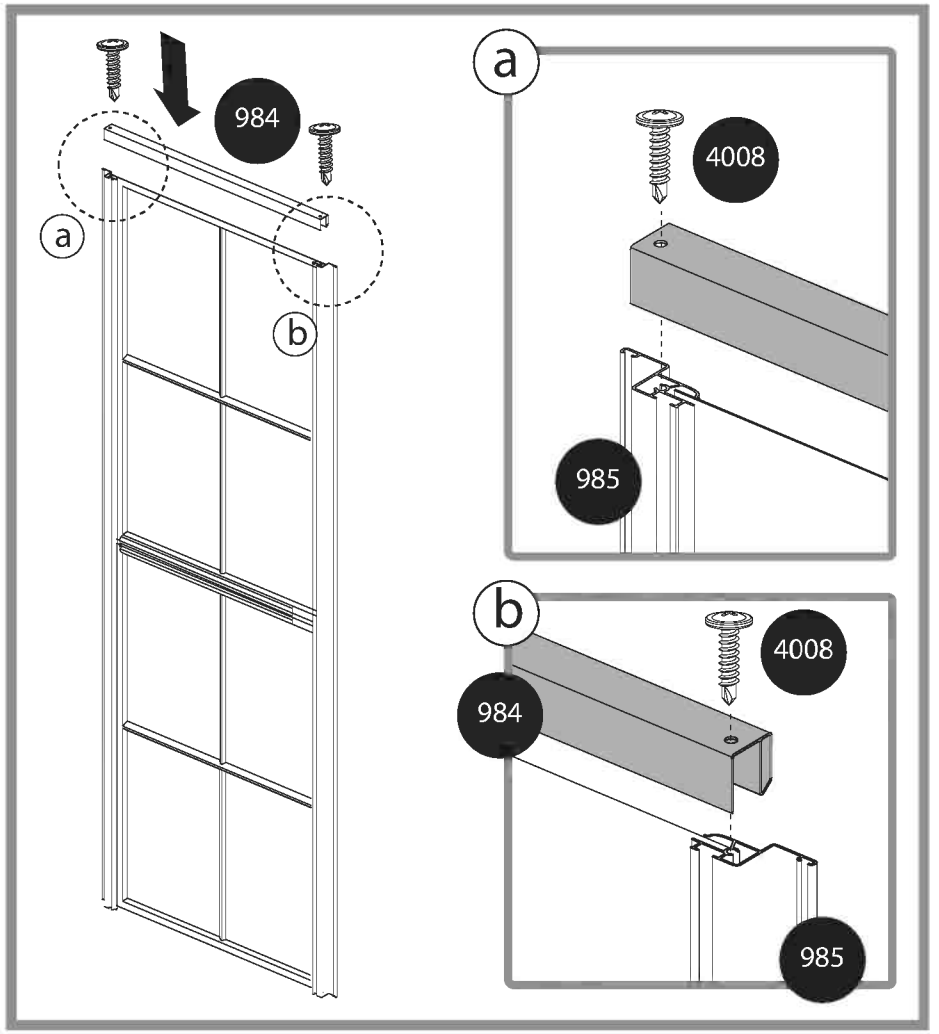


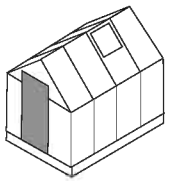





984
x1
985
x2
4008
x2


985
985
a
a
a


984
a
b
a
4008
985
b
4008
984
985



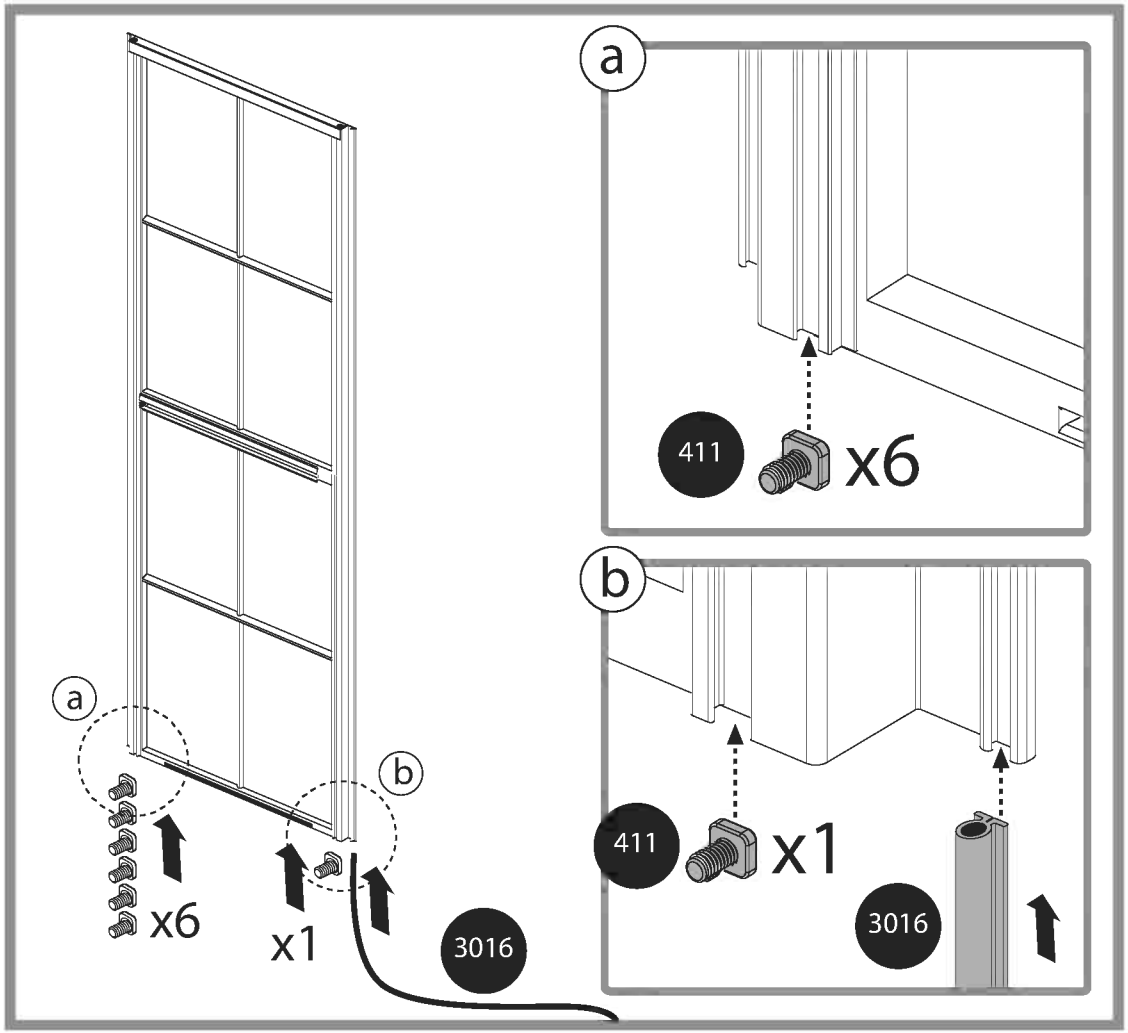
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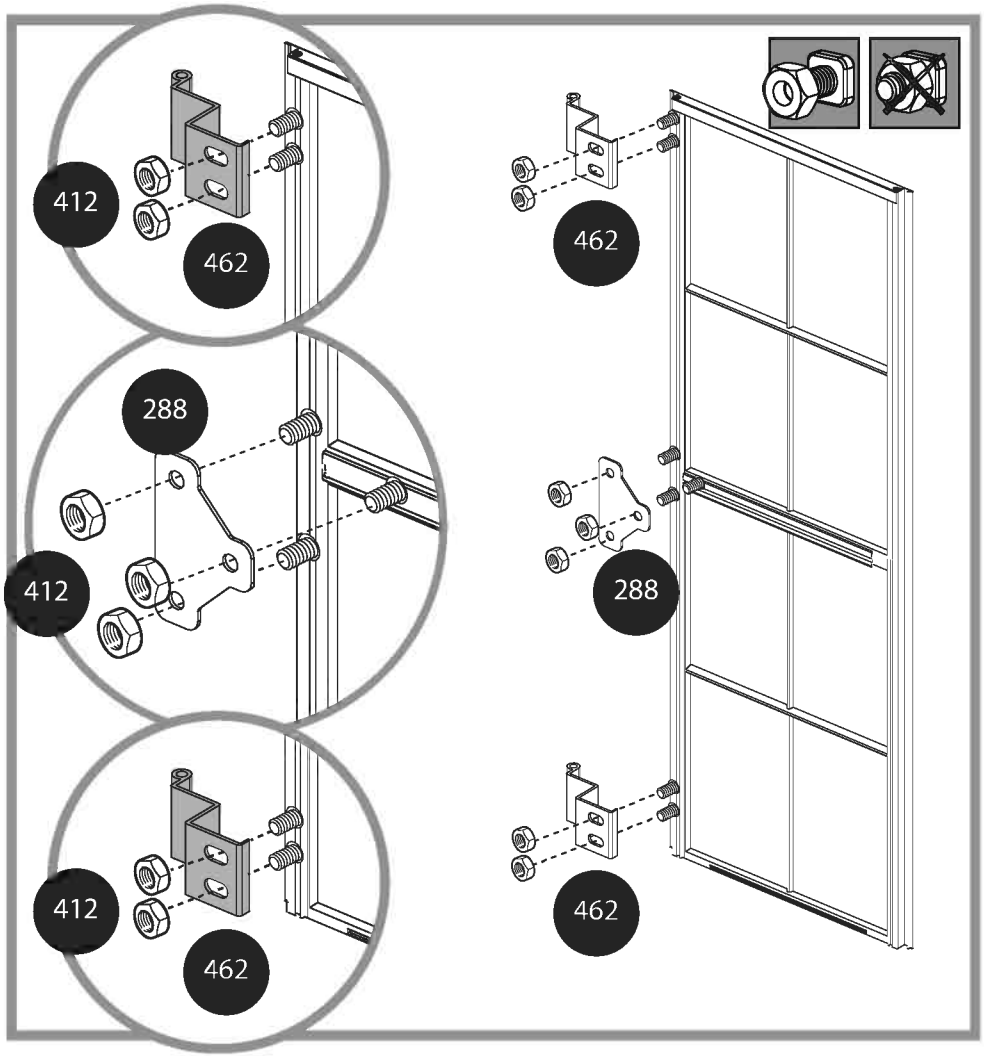
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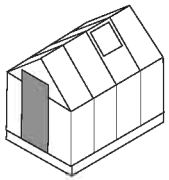
462 x2

412 x7

411 x7



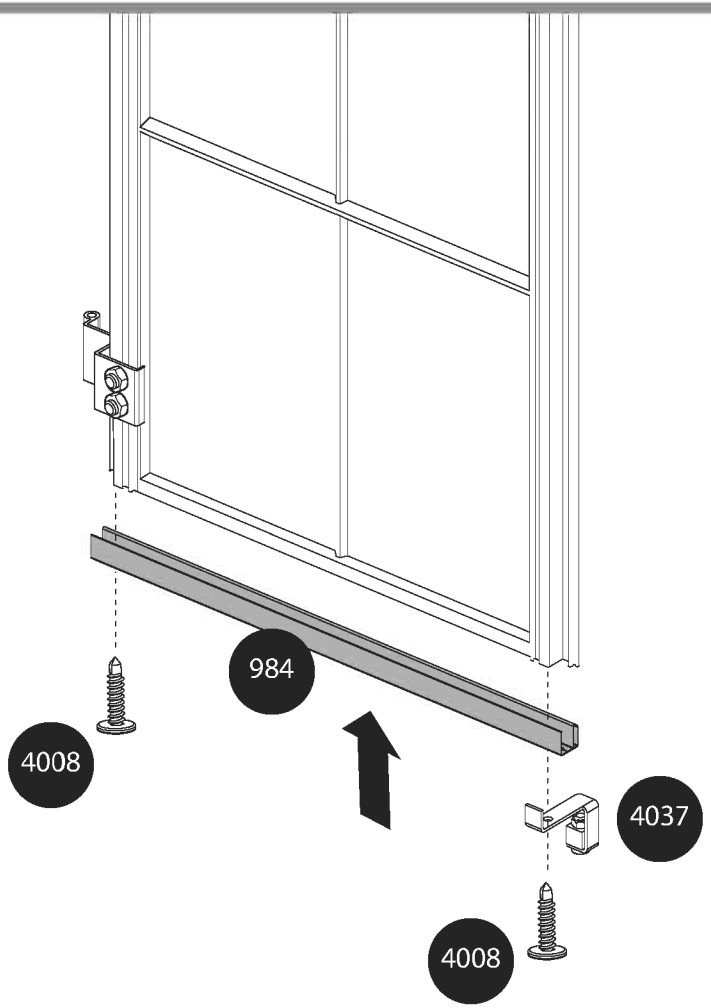


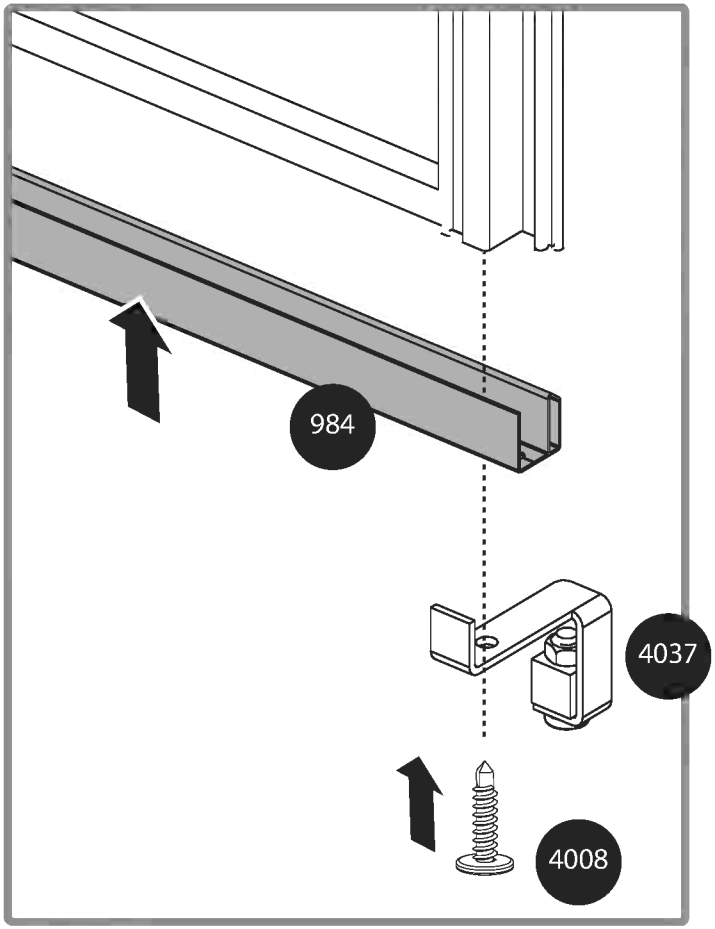


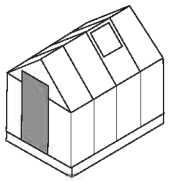
4008 ---------- x2

984 ---------- x1

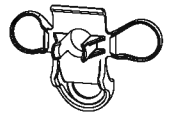
4037 ---------- x1



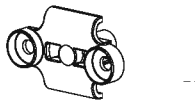




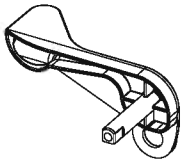
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7085 x1



7084 x1



7083 x1

7088 x1



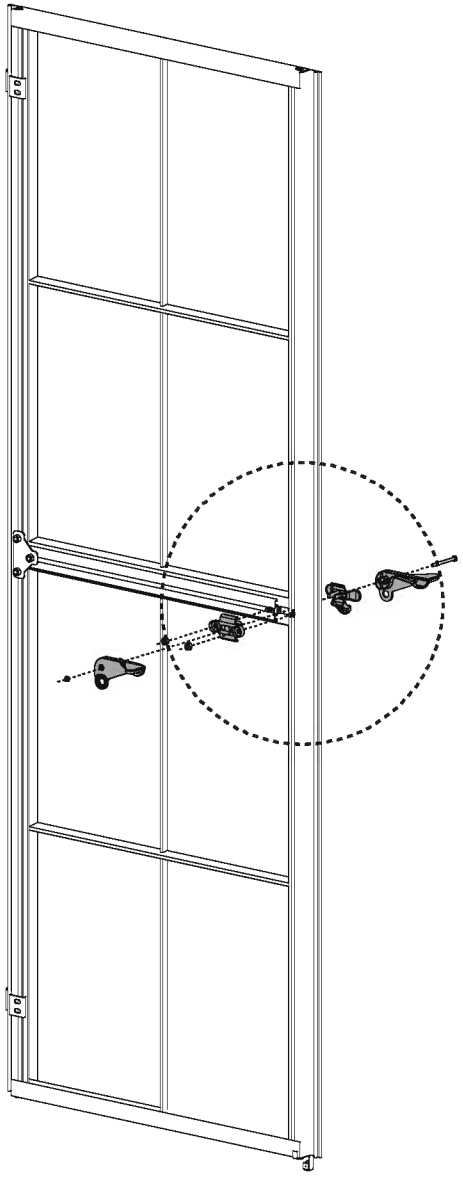
M4 x 50mm

423 x1

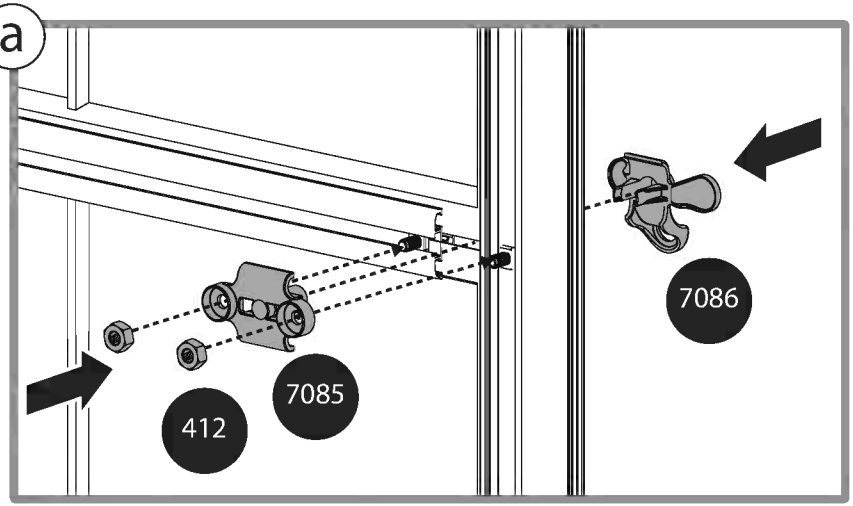


412 x2

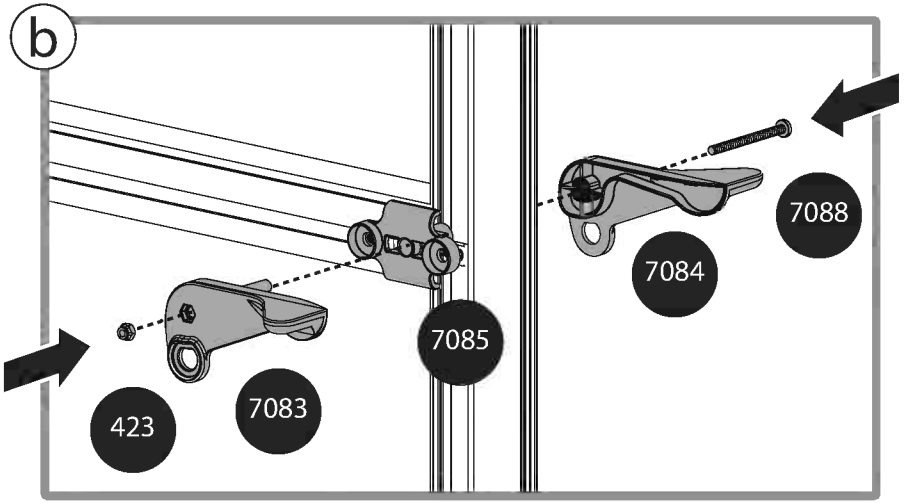


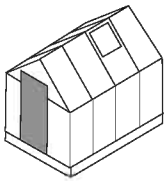


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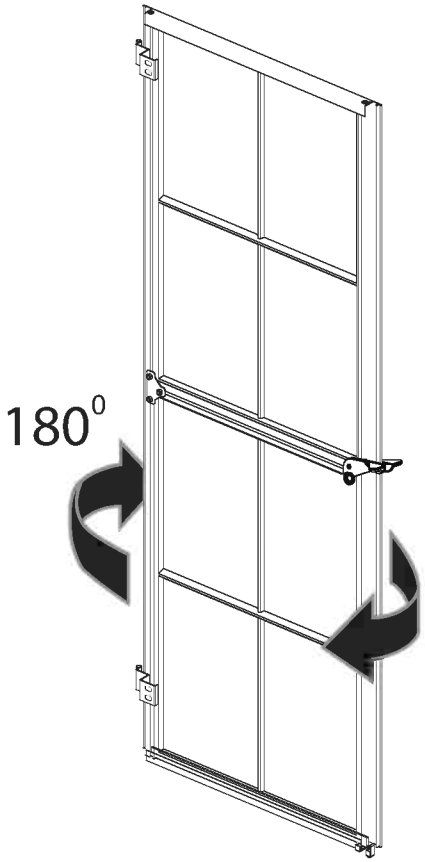


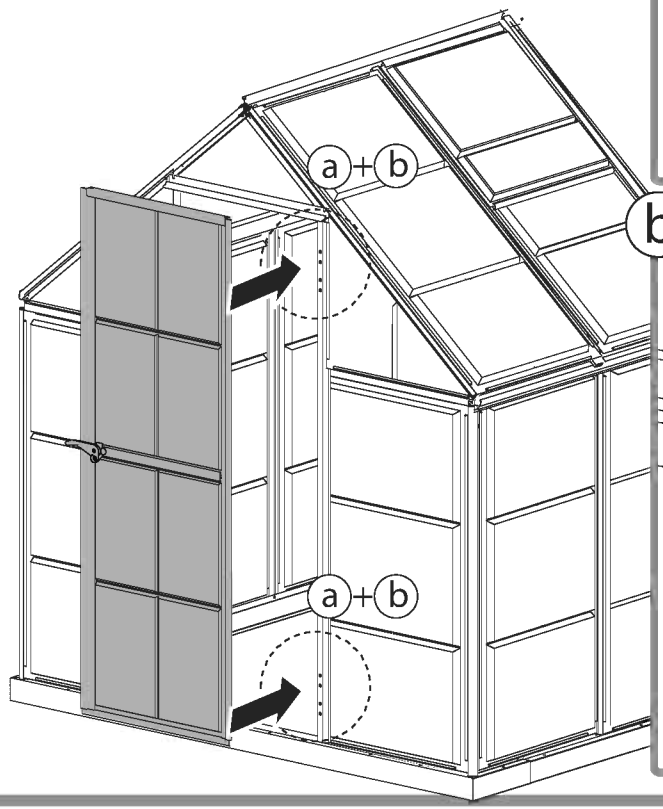
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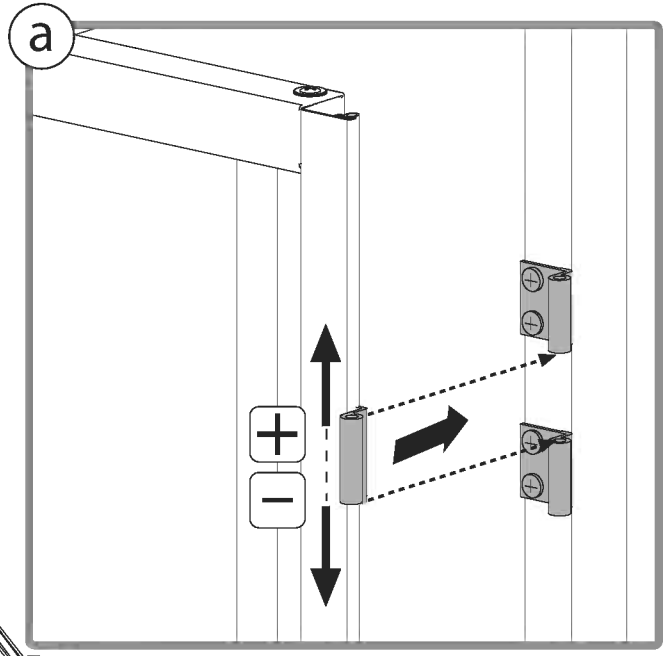


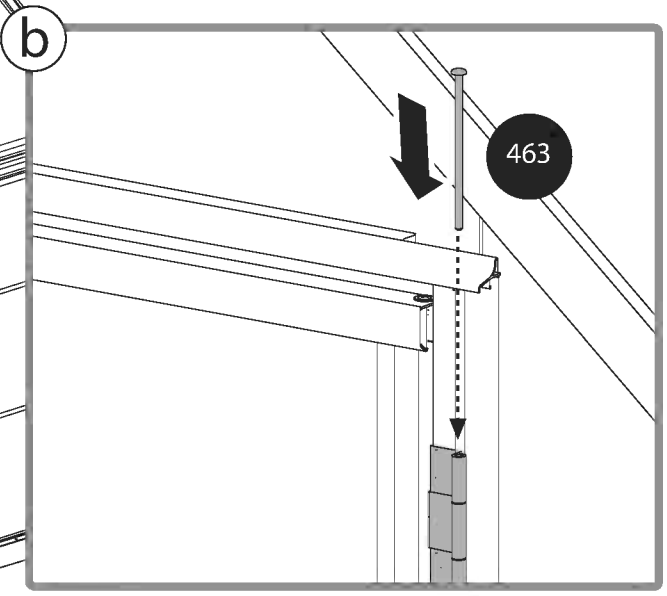


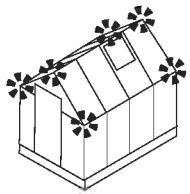
463 x2



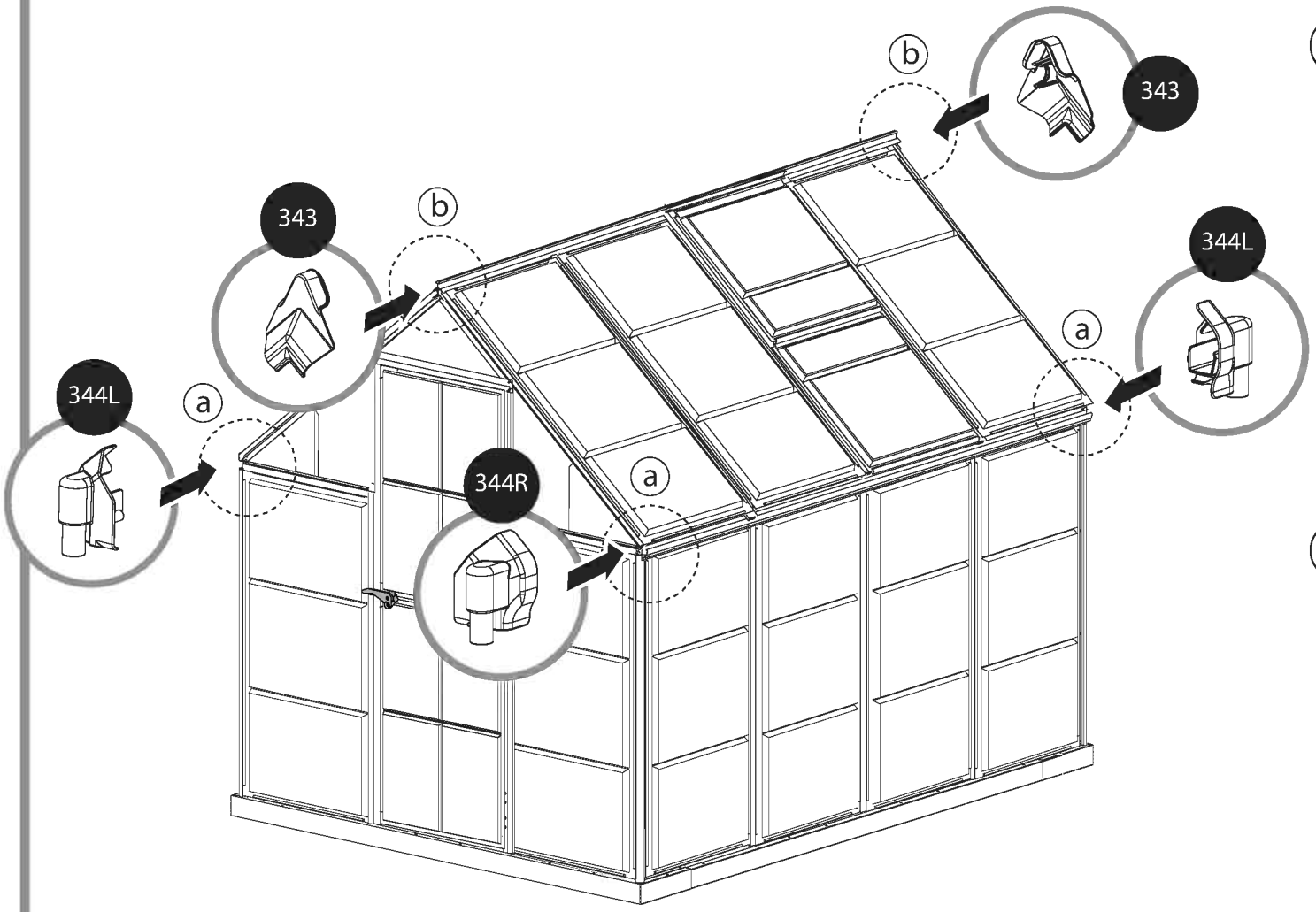


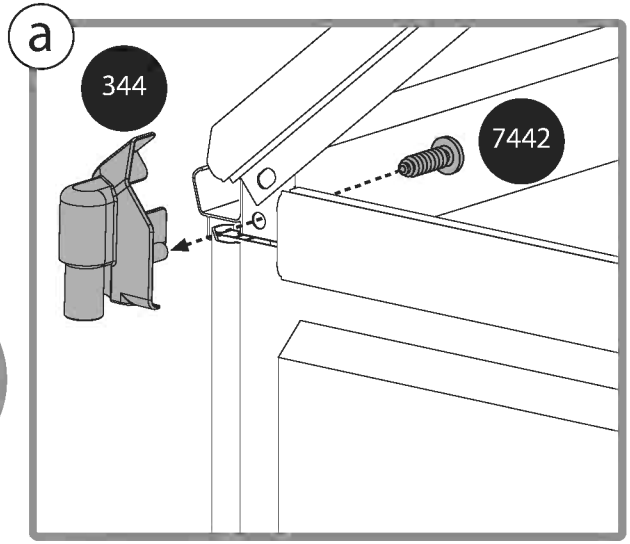


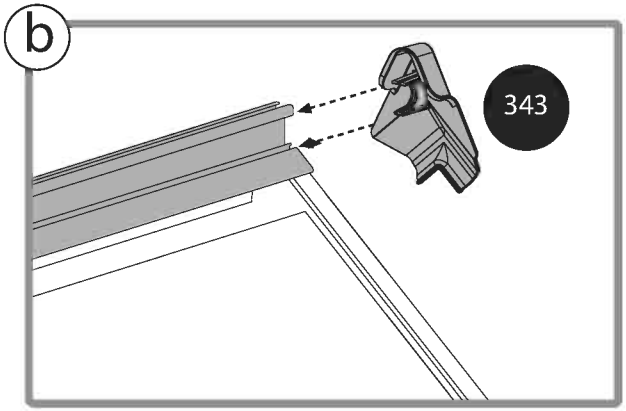




344L x2 344R x2 343 x2 7442 x4







Version8-6_9/2014