

Kit Products

04/30/2025 3:21 pm CDT

Overview

Sellercloud supports the creation of kits. A kit is comprised of products called **Components** or **Children**. The combination of these products is sold as a single item, also known as a bundle. Kits can consist of multiple units of a single product or a group of different products.

Kit Types

You can select any two products in a kit's properties and sell them as a bundled kit. The kit feature can bind the inventory counts of multiple components and ensure there will be no risk of overselling the parent SKU or the child components.

The Inventory Relationship between Kit Parent and Components depends on the Kit Type selected. Make sure you review the three types of kit relationships below before you create and configure your kit products.

All Component Kit

All Component means that the kit will only be available for sale when all of the components are available. This configuration is often used when all components are necessary to create the final product.

The inventory of the parent is calculated based on the component with the least available units. The **Aggregate quantity** of that SKU, divided by the number of units of that component necessary for the kit, makes up the **Kit Available Inventory**.

With this **Kit Type**, the components maintain their inventory count but share it with the parent. This means that if the inventory of a component runs out, the inventory of the entire kit becomes zero as well.

Main Component Kit

If you choose the **Main Component** configuration, the kit will be available as long as the designated main component is available. This configuration is often used when there is one product that is necessary to create the final product, and the rest are supplemental or can be replaced by similar SKUs.

The **Inventory Quantity** of the parent is drawn only from the **Main Component**. The main component maintains its inventory count but shares it with the parent. This means that if the inventory of the main component runs out, the inventory of the entire kit will become zero as well.

Independent Kit

For **Independent Kits**, the inventory quantity of the parent is "independent" of the components. This means that the **Inventory Quantity** of the parent is *not* drawn from the components. The kit's independence is maintained during sales as well. Sales of the kit will not reduce the inventory of components, and sales of components will not affect the inventory of the kits.

This kit type is the only one for which the **Inventory Available Quantity** isn't calculated automatically and the only kit with **Physical Quantity**. Independent kits need to be **Assembled** to have any inventory at all. By assembling, you subtract the necessary units from the components and add units to the parent. See the **Assemble & Disassemble Independent Kits** section below for more information.

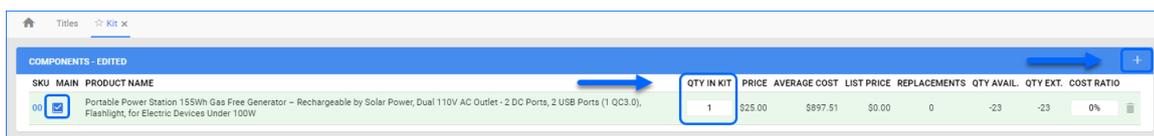
Kit Products Fulfilled by Amazon (FBA) must be **Independent**. This is necessary to accurately keep track of kit inventory, especially when adding kits to **FBA Inbound Shipments**.

Create Kits

You can create kits individually or in bulk.

Individually

1. Navigate to **Catalog > Manage Catalog > Search > Open the product you wish to configure as a kit.**
2. Go to **Toolbox > Kit.**
3. Press **Edit** and go to the **Components** panel.
4. Click the plus icon and search for products to add to the kit.
5. Select the ones you want to add and press **Add & Close.** Your components will appear in the **Components** panel.
6. Add more products to the kit, enter quantities for each kit component, and press **Save**
Note: Kit components can be arranged in sequence by dragging and dropping the component into its desired sequence in the grid.
7. If you are creating a **Main Component** kit, click on the **Main** checkbox to mark your main component.

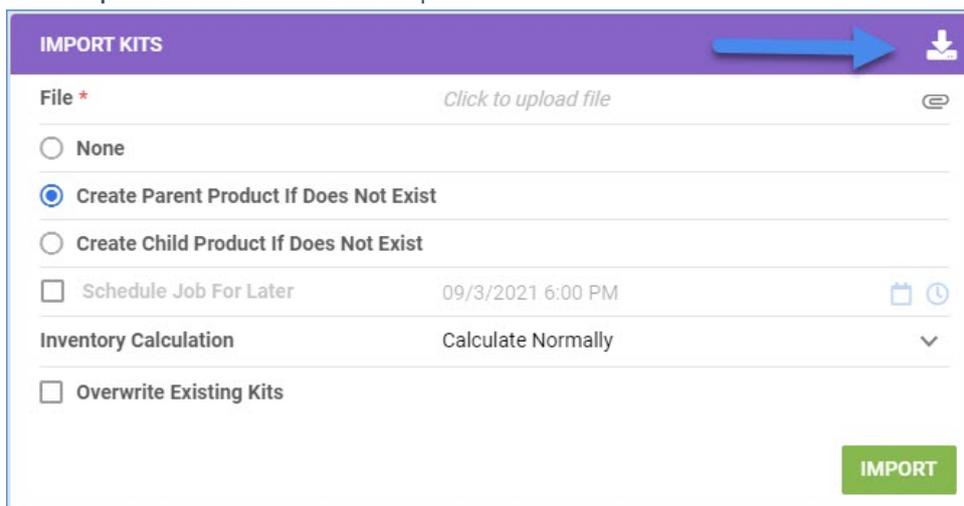


SKU	MAIN	PRODUCT NAME	QTY IN KIT	PRICE	AVERAGE COST	LIST PRICE	REPLACEMENTS	QTY AVAIL.	QTY EXT.	COST RATIO
00	<input checked="" type="checkbox"/>	Portable Power Station 155Wh Gas Free Generator – Rechargeable by Solar Power, Dual 110V AC Outlet - 2 DC Ports, 2 USB Ports (1 QC3.0), Flashlight, for Electric Devices Under 100W	1	\$25.00	\$897.51	\$0.00	0	-23	-23	0%

In Bulk

You can import kits in bulk through a file import.

1. Go to **Catalog > Tools > Import Product Info.**
2. Select **Import Kits** and download the template.



IMPORT KITS

File * *Click to upload file*

None

Create Parent Product If Does Not Exist

Create Child Product If Does Not Exist

Schedule Job For Later 09/3/2021 6:00 PM

Inventory Calculation Calculate Normally

Overwrite Existing Kits

IMPORT

3. Complete the fields and save.
4. Return to Sellercloud and press **Click to upload file > Import.**

Manage Kits

Kit Details

You can manage some **Kit** settings from **Catalog > Manage Catalog > Open a Kit Parent > Toolbox > Kit > Kit Details** panel. The following options are available in the panel:

- **Total Components Cost** – The sum of all components' costs (multiplied by each individual component count).
- **Total Components Price** – The sum of all components' prices (multiplied by each individual component count).
- **Inventory Dependency On** – Shows the type of kit. Refer to the **Kit Types** section above.
- **Kit Inventory Qty** – Shows the kit inventory quantity. Use the **Calculator** icon on the right to re-calculate it.
- **Component Count** – Shows the number of components necessary to build this kit.
- **Unshipped Orders** – Shows the number of unshipped orders for this kit.
- **Require Subcomponent Scan in Scan and Ship** – When creating an **All Components** or **Main Component** kit, you can require your shippers to scan each component. Enable the option for the components to display in the **Scan and Ship** window for individual verification.

KIT DETAILS	
Total Components Cost	\$0.00
Total Components Price	\$0.00
Inventory Dependency On	Independent 
Kit Inventory Qty	0 
Component Count	0
Unshipped Orders	0
<input type="checkbox"/> Require Subcomponent Scan In Scan And Ship	

See the **Related Settings** section below for more information regarding managing your kits.

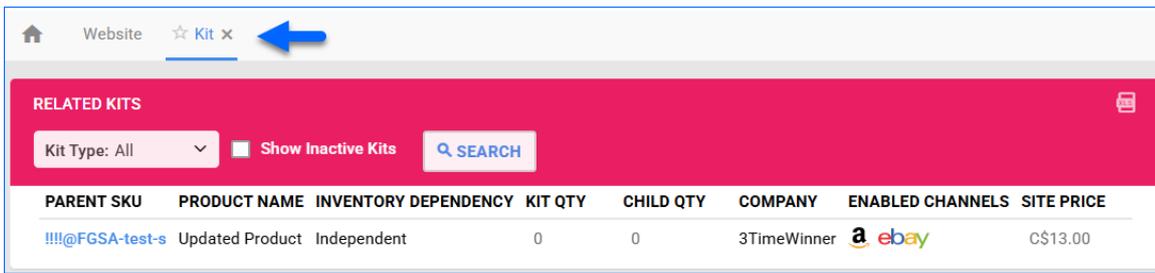
Related Kits

It is possible to configure multiple kits that contain the same SKU. You can view this information by going to **Catalog > open a Kit Component >** and selecting **Kit** from the **Toolbox**.

You can filter the information in the **Related Kits** by **Kit Type**. Additionally, you can check the **Show Inactive Kits** box.

The panel provides the following information about the kits the SKU is part of:

- **Parent SKU** – A hyperlink for the Product Details page of the Kit Parent.
- **Product Name** – The name of the Kit Parent.
- **Inventory Dependency** – Kit Type.
- **Kit Qty** – Current available inventory of the Parent.
- **Child Qty** – Current available inventory of the Component.
- **Company** – The company of the Kit Parent.
- **Enabled Channels** – Logos of the channels for which the Parent is currently enabled. Click to view the Channel Properties page for the SKU.
- **Site Price** – Price of the Kit Parent.



Kit Cost Calculations

When the [Client Setting Enable ALL Kits Cost calculation Once a day](#) is enabled, the **Site Cost**, **Last Cost**, and **Average Cost of All Components** and **Main Component** kit parents will be updated once daily based on the costs of their kit components.

To do the same for **Independent** kit parents, enable **Enable Kit Cost Calculation For Independent Kits Too**. Otherwise, kit component costs won't be considered in the calculation, and their costs will come only from [Assembling](#) and [Receiving POs](#). So, for your independent kits, the best setting depends on what you receive in POs. If you receive:

- **Independent Kit Parents** – Disable this setting so the cost will be calculated from the kit parent.
- **Components** – Enable the setting so the cost will be calculated from the kit components.

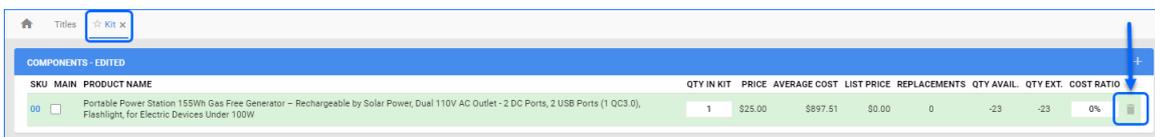
Remove a Kit Relationship

There are three ways to break a Kit relationship.

Individually

You can remove **Kit Components** from the parent without losing the original SKU that used to be the child. By deleting all the components, the **Kit Parent** becomes a regular product.

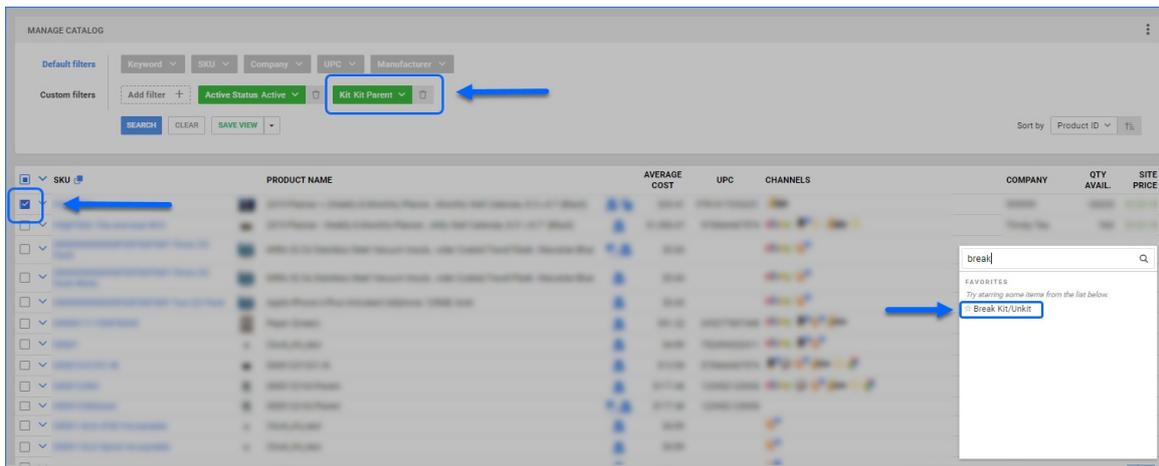
1. Navigate to the **Product Properties Page** of your **Kit Parent** in **Catalog**.
2. Go to **Toolbox > Kit > Click Edit**.
3. In the **Components Panel**, click the **Delete Icon** of the child you want to remove. Delete all of them to fully **Unkit** the product.



In Bulk

To unkit multiple bundles:

1. Go to **Catalog > Manage Catalog > Search** for the items you want to break up. Use the filter of **Kit > Kit Parent** as the relationship should be removed from the parent.
2. Select the items and go to the **Action Menu** in the bottom right corner.



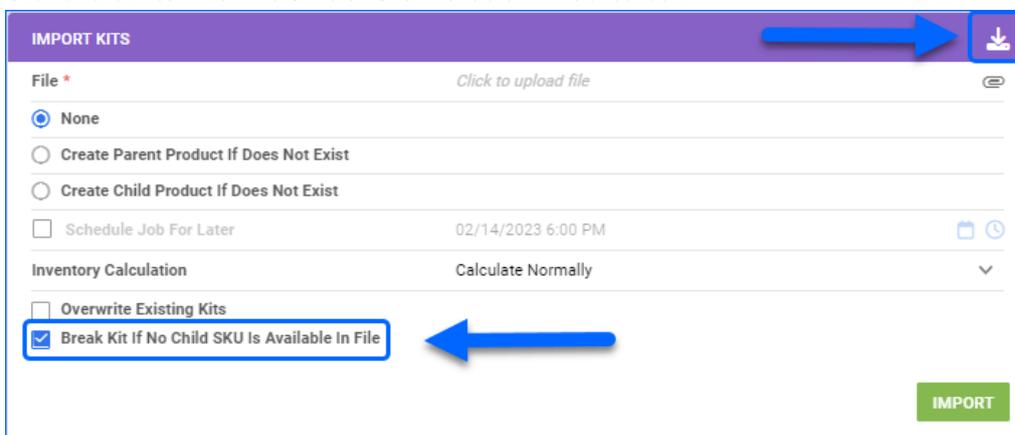
3. Choose the option **Break Kit/Unkit**. This will create a **Queued Job**, and you should see a message at the bottom of the screen where you can monitor the progress.

Orders created prior to breaking the kit relationship will not be affected.

With a File Import

You can break a **Kit Product** relationship via a file import. The steps are similar to the Bulk Kit creation:

1. Go to **Catalog > Tools > Import Product Info**.
2. Select **Import Kits** and download the template.
3. Complete the fields and save.
4. Click on the **Break Kit If No Child SKU Is Available In File** checkbox.



5. Press **Click to upload file** > Select the filled-in template from your computer > Click **Import**.

Assemble & Disassemble Independent Kits

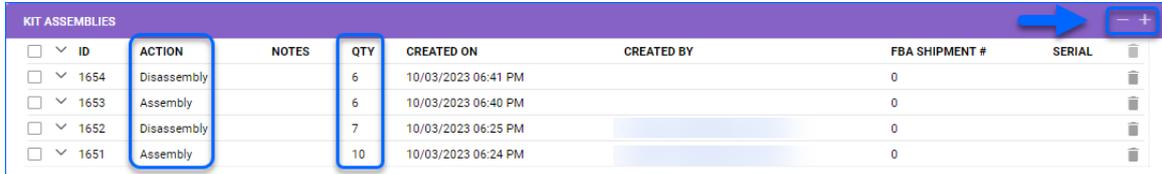
In order to redistribute inventory from your components to your **Independent Kit** parents or vice versa, you need to **assemble** or **disassemble** your kits. You can do this either **individually** or **in bulk** with a file import.

Disassembling an **Independent Kit** can also trigger a recalculation of the components' Costs. See the [Kit Cost Calculation Client Settings](#) section for more details.

Individually

To assemble or disassemble an individual kit:

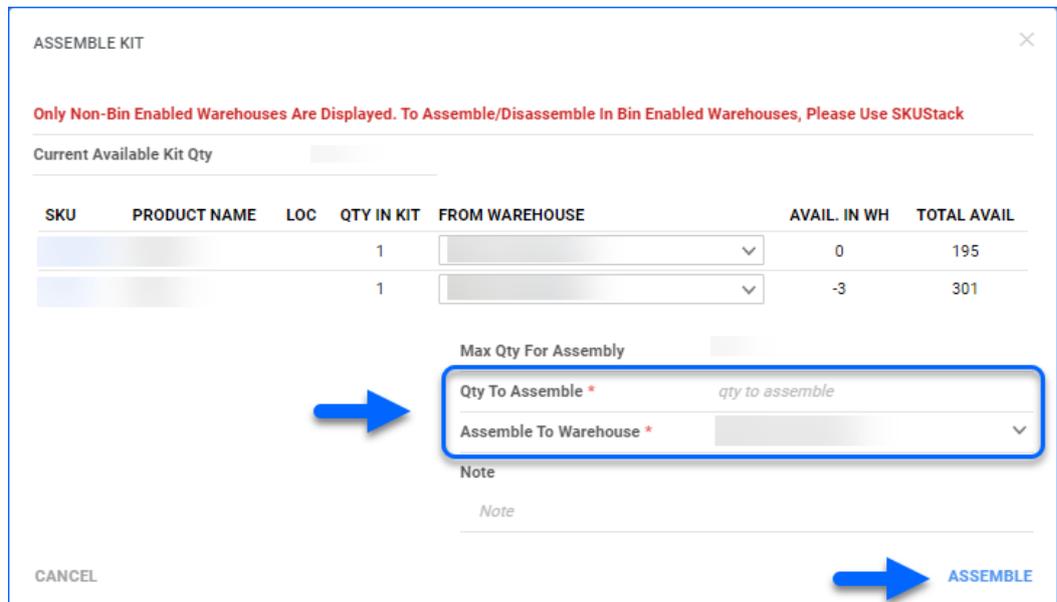
1. Go to the **Catalog > Manage Catalog > Open your Kit Parent**.
2. From the product's **Toolbox**, choose **Kit**.
3. Click **Edit** and go to the **Kit Assemblies** panel.



ID	ACTION	NOTES	QTY	CREATED ON	CREATED BY	FBA SHIPMENT #	SERIAL
1654	Disassembly		6	10/03/2023 06:41 PM		0	
1653	Assembly		6	10/03/2023 06:40 PM		0	
1652	Disassembly		7	10/03/2023 06:25 PM		0	
1651	Assembly		10	10/03/2023 06:24 PM		0	

a. To assemble, click on the **Plus icon > Assemble Kit**.

- i. Enter the **Qty to Assemble**. You will only be able to assemble a quantity that is equal to or less than **Max QTY For Assembly** (as per the available quantity of components in the chosen warehouse).
- ii. Select a **From Warehouse** (the warehouse from which the Component inventory will be deducted) and **Assemble To Warehouse** (the warehouse where the Kit Parent inventory will be added).
- iii. Click **Assemble**.



ASSEMBLE KIT

Only Non-Bin Enabled Warehouses Are Displayed. To Assemble/Disassemble In Bin Enabled Warehouses, Please Use SKUStack

Current Available Kit Qty

SKU	PRODUCT NAME	LOC	QTY IN KIT	FROM WAREHOUSE	AVAIL. IN WH	TOTAL AVAIL
			1		0	195
			1		-3	301

Max Qty For Assembly

Qty To Assemble * *qty to assemble*

Assemble To Warehouse *

Note

Note

CANCEL ASSEMBLE

b. If you want to **disassemble** a kit, click the **Minus icon**.

- i. Enter **Qty to Disassemble**. You can only fill in a number that is equal to or lower than the **Current Available Kit Quantity** in the chosen warehouse.
- ii. Select **Disassemble From Warehouse** – the warehouse from which the Kit Parent qty will be deducted.
- iii. Choose **To Warehouse** for each Child SKU – the warehouse to which the disassembled components will be added.
- iv. Click **Disassemble**.

DISASSEMBLE KIT

Current Available Kit Qty

Qty To Disassemble * *qty to disassemble*

Disassemble From Warehouse * Default Warehouse

Note

SKU	PRODUCT NAME	LOC	QTY IN KIT	TO WAREHOUSE	AVAIL. IN WH	TOTAL AVAIL
			1			195
			1			301

CANCEL DISASSEMBLE

These movements will be displayed in the **Kit Assemblies** panel and recorded under **Inventory > Manage Inventory > Open a Product > Toolbox > Inventory Movement**.

In Bulk

You also have the option to **assemble** or **disassemble** multiple kits with a file import:

1. Navigate to **Inventory > Tools > Import Inventory Info**.
2. Select **Import Assemble Kits** and click on the **Download template** icon (available file types are **TAB Delimited**, **CSV**, and **Excel**).

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Looking for catalog-related uploads? Click here.

IMPORT ASSEMBLE KITS

File *

Click to upload file

Select Action

Assemble

Disassemble

IMPORT

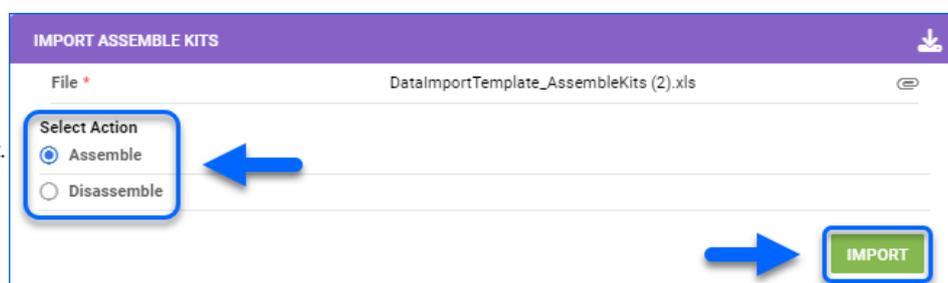
3. Populate the required file columns:

- a. **KitParent** – The SKU of the Independent Kit Parent that you wish to assemble/disassemble.
- b. **QtytoAssemble** – The number of kits that you wish to assemble/disassemble. Ensure that the populated quantities are available in the selected warehouses.
- c. **AssembleFromWarehouse** – The **Warehouse ID** or **Name** from/to which the Components will be deducted, or added in case of a disassembly.
- d. **AssembleToWarehouse** – Select to which **Warehouse ID** or **Name** the kit is added or deducted in case of a disassembly.

This import type supports positive values only for both **Assembly** and **Disassembly** actions. Your input file must not contain negative values.

4. Optionally, add an **AssemblyNote** and save your populated file.
5. **Click to upload file.**
6. Select the desired action – **Assemble** or **Disassemble**. Only one option can be selected per file.

7. Click **Import**.



This action will create a [Queued job](#) where you can track the progress of your import and see any errors that may occur. If you want to move the inventory to another warehouse, you can perform a [Warehouse inventory transfer](#).

A kit component can belong to multiple kits, but a component that is already part of a kit cannot serve as a kit parent unless existing kit relationships are [removed](#).

If your Warehouse is Bin-enabled, kits cannot be assembled or disassembled from the Sellercloud interface. Instead, it should be done via [Skustack](#).

You cannot **Assemble From** or **Assemble To** warehouses with types **FBA**, **WFS**, **NewEgg**, and **Interim**.

Send Kits to FBA and WFS

Only **Independent** can be **Fulfilled by Amazon** and added to [FBA Inbound Shipments](#) and [WFS Shipment Plans](#).

There are client settings that can help you streamline the process. Go to **Settings > Client Settings > General Client Settings > Click on the Advanced button > Search for and enable the settings you want to use.**

To ensure the following options work as expected, you must first enable the **Enable Validate Inventory for FBA and WFS Shipments** Client Setting.

- **Auto Assemble Kit when adding to FBA and WFS Shipments** – when enabled, Sellercloud will automatically check if there is enough quantity in the components and assemble the kits. They will be assembled into the **Ship From Warehouse** of the FBA Shipment.
- **Enable Validate Inventory for FBA and WFS Shipments**
- **Auto Assemble Kit On Update Of Shipment**
- **Auto Assemble Kit When Importing FBA and WFS Shipment**

Additionally, enable these settings to auto-disassemble when removing/adjusting a kit from the shipment or canceling the shipment altogether:

- **Auto Dis-Assemble Kit when removing from FBA and WFS Shipments**
- **Auto Dis-Assemble Kit when cancelling FBA and WFS shipment**
- **Auto Dis-Assemble only if it was assembled for shipment**
- **Auto Dis-Assemble Kit When Removing From FBA And WFS Shipments**

Related Settings

Below, you can learn more about the different settings related to kits and how they affect your kit products.

Kit Cost Calculation Client Settings

- **Show total cost on Manage Inventory using** — Allows you to choose the value on which the kit cost will be calculated:
 - [Site Cost](#)
 - [Average Cost](#)
 - **Last Cost** (the last cost of the item in the latest PO received)

When using **Average Cost** or **Last Cost**, if a component has a cost of \$0, Sellercloud will pull the value from the **Site Cost**. If you want components with an **Average Cost** of \$0 (a gift component, for example), then Sellercloud recommends doing an **Average Cost** adjustment to \$0.01 to avoid using the **Site Cost** as the default.
- **Enable ALL Kits Cost Calculation Once a Day** — Recalculates the kit costs once a day (outside of work hours).
- **Enable Kit cost calculation for independent kits too** — Allows cost calculation for Independent kits. (requires **Enable ALL Kits Cost calculation Once a day** to be enabled).
- **Use Equal Cost Ratio On Kit Disassembly When Not Defined** – the [Cost Ratio](#) is set on the components of an **Independent Kit**. When disassembling, each component’s cost is recalculated based on the ratio percentage to the total **Kit Parent** cost using the following logic:
 - When this setting is disabled, the Kit only has one component, and no ratio is configured, so Sellercloud forces the ratio to be 100% for that component.
 - When the setting is disabled, there are multiple components, and no ratio is configured, the parent’s average cost won’t flow to the components.
 - When a ratio is configured, the cost will always flow to the components upon disassembly, regardless of the setting.
 - When there is no ratio configured, there are multiple components, and the setting is enabled, Sellercloud will evenly split the parent’s cost to the components upon disassembly.

Invoice Client Settings

Normally, when printing an invoice for an order that contains kits, the Kit Parent is displayed, followed by its components. When processing a kit order with a dependency on **All components** or **Main component(s)**, component information such as **SKU**, **Product Name**, and **quantity** will display on the invoice. However, the invoice is printed differently for **All Component** and **Main Component(s)** based on which setting below is enabled:

- **Format Kit Items as regular items while printing Invoice** — Prints the items as regular items (non-kit items).
- **Hide Kit components when printing order invoice** — Shows the kit parent name and hides the kit components from the order invoice.
- **Hide Kit Parent when adding kit items as Regular Items** — Prints out the kit components and hides the kit parent.

Weight-related Client Settings

- **Set Kit Items weight to Kit Parent** — Kit Parent’s **Ship Weight** and **Product Weight** are calculated based on the kit components’ weight.
 - **Enable Kit Weight Calculation Once a Day** — A service will automatically detect any Kit Parent whose **Ship** or **Product Weight** does not equal the total weight of all components and will update the Kit Parent to match that weight.
 - **Example:** Kit Parent SKU A has Components SKU B (5 lb weight) and SKU C (10 lbs).
Kit Parent (SKU A) will have a 15 lb weight (assuming the component count is 1. Otherwise, multiply the component weight by the component count).
 - When this setting is enabled, you will not be able to edit the Weight Fields of Kit Parents. You may only change the weight of components, which will then automatically reflect on the Parent when the daily calculation runs.
-
-