

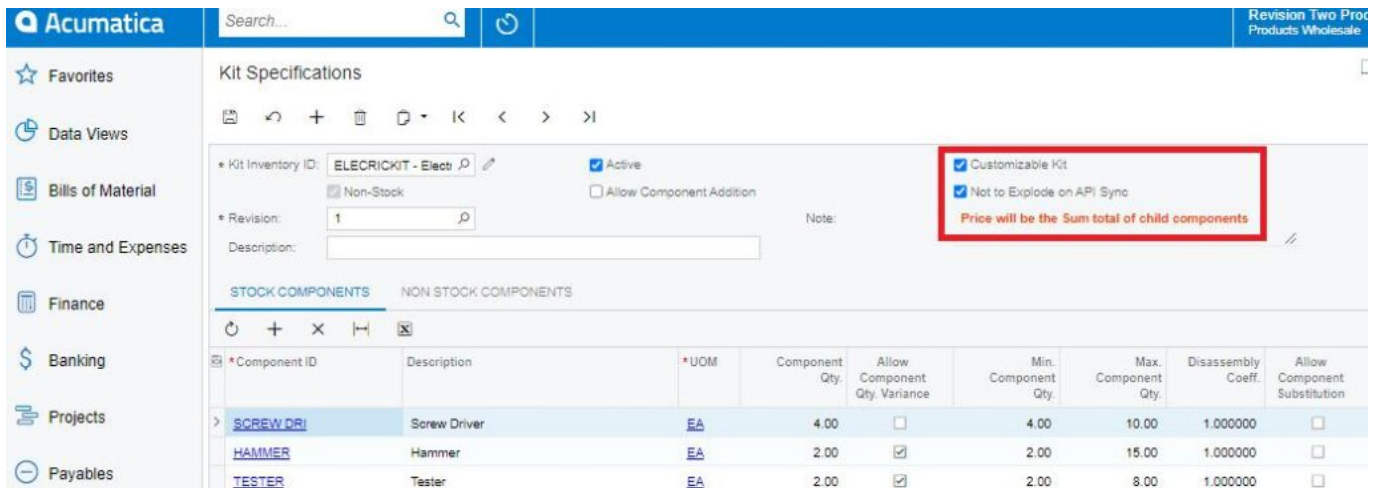
KIT Explode and Price Distribution



The KIT explode function in Acumatica effectively handles fractional values that may arise when exploding a parent product.

For example, if there is an adjustment of \$1000 and the quantity of the parent item is 3, it ensures that each quantity is not associated with an uneven fractional value i.e., \$333.333. Instead, it distributes the price of the parent kit item among the child component items based on their respective quantities, ensuring a fair allocation.

While creating a Sales Order, If the **'Not to Explode on API Sync'** checkbox is enabled in both **Kit Specifications** and **Item Class** screens, then the non-stock kit item will remain unexploded in the sales order.



The screenshot shows the Acumatica interface with the 'Kit Specifications' screen. The 'Kit Inventory ID' is 'ELECTRICKIT - Elect'. The 'Revision' is '1'. The 'Description' is empty. The 'Active' checkbox is checked. The 'Non-Stock' checkbox is checked. The 'Allow Component Addition' checkbox is unchecked. The 'Customizable Kit' checkbox is checked. The 'Not to Explode on API Sync' checkbox is checked. A red box highlights the 'Not to Explode on API Sync' checkbox and the text 'Price will be the Sum total of child components'.

*Component ID	Description	*UOM	Component Qty.	Allow Component Qty. Variance	Min. Component Qty.	Max. Component Qty.	Disassembly Coeff.	Allow Component Substitution
> SCREW DRI	Screw Driver	EA	4.00	<input type="checkbox"/>	4.00	10.00	1.000000	<input type="checkbox"/>
HAMMER	Hammer	EA	2.00	<input checked="" type="checkbox"/>	2.00	15.00	1.000000	<input type="checkbox"/>
TESTER	Tester	EA	2.00	<input checked="" type="checkbox"/>	2.00	8.00	1.000000	<input type="checkbox"/>

KIT Explode Setting on Kit Specifications screen

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NOTES ACTIVITIES FILES CUSTOMIZATION

Item Classes

Item Class Tree

- ALL OTHERS
- CHARGE
- CONSUMER
- DEPOSIT
- DISTRIBUTION
- ELECTRIC
- EXPENSES
- FOODS
- FOODS
- INDAC
- INDACMODEL
- INDACOUT
- INDEQUIP
- INSTALL
- INTERNAL
- MFG
- MFGFG
- MFGPUR
- MFGSUBASSY
- NONSTOCK
- OPERATIONS
- PMCSTR
- PMLABOR
- PMNONSTOCK
- SERVICE
- SOFTWARE
- SUPPORT
- TECHSUPPORT
- TRAINING

Class ID: CHARGE

Description: Miscellaneous Charges

GENERAL REPLENISHMENT RESTRICTION GROUPS ATTRIBUTES

GENERAL SETTINGS

UNIT OF MEASURE

Base Unit: UNIT Divisible Unit

Sales Unit: UNIT Divisible Unit

Purchase Unit: UNIT Divisible Unit

Item Type: Charge

Valuation Method: Average

Tax Category: TAXABLE - Taxable Goods and Services

Posting Class: POSTING - Posting Class Settings

Lot/Serial Class:

Price Class:

Default Warehouse:

Availability Calculation:

Country Of Origin:

INTERNATIONAL SHIPPING

Commodity Code Type:

Commodity Code:

SHIPPING THRESHOLDS

Undership Threshold (%): 100.00

Overship Threshold (%): 100.00

CUSTOMIZABLE KIT SETTINGS

Not to Explode on API Sync

KIT Explode Setting on Item Classes screen

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NOTES ACTIVITIES FILES CUSTOMIZATION TOOLS

Sales Orders

SO SO000191 - Alta Ace

QUICK PROCESS CREATE SHIPMENT HOLD

Order Type: SO

Order Nbr.: SO000191

Status: Open

Date: 5/12/2023

Requested On: 5/12/2023

Customer Ord.:

External Refer.:

Customer: AACUSTOMER - Alta Ace

Location: MAIN - Primary Location

Contact: Amelia Armstrong

Currency: USD 1.00

Project: X - Non-Project Code

Ordered Qty.: 39.00

Discount Total: 0.00

VAT Exempt T.: 0.00

VAT Taxable T.: 0.00

Tax Total: 0.00

Order Total: 2,997.00

DETAILS TAXES COMMISSIONS FINANCIAL SHIPPING ADDRESSES DISCOUNTS SHIPMENTS PAYMENTS RELATIONS TOTALS

ADD ITEMS CUSTOMIZABLE KIT ADD MATRIX ITEMS ADD INVOICE ADD BLANKET SO LINE LINE DETAILS PO LINK ITEM AVAILABILITY CONFIGURE LINK PROOF ORDER

Inventory ID	Kit Inventory ID	Open Qty.	Unit Price	Ext. Price	Related Items	Quantity	Substituti Required	Tax Category	Free Item	Warehouse	Link Description	Kit Qty	UOM
PRODWHOLE	BAT	CRICKETKIT	3.00	101.94	305.82	3.00		EXEMPT		RETAIL	Bat	3.00	EA
PRODWHOLE	BALL	CRICKETKIT	12.00	50.97	611.64	12.00		EXEMPT		RETAIL	Ball	3.00	EA
PRODWHOLE	GLOVES	CRICKETKIT	24.00	88.65	2,079.60	24.00		EXEMPT		RETAIL	Gloves and Lod...	3.00	EA
PRODWHOLE	ACCOMMODATE	CRICKETKIT	0.00	0.00	-0.00	0.00		EXEMPT		WHOLESALE	Hotels and Lod...	3.00	DAY

Price Distribution and KIT Explode

- [KIT explode scenarios](#)
- [Price options scenarios](#)

