

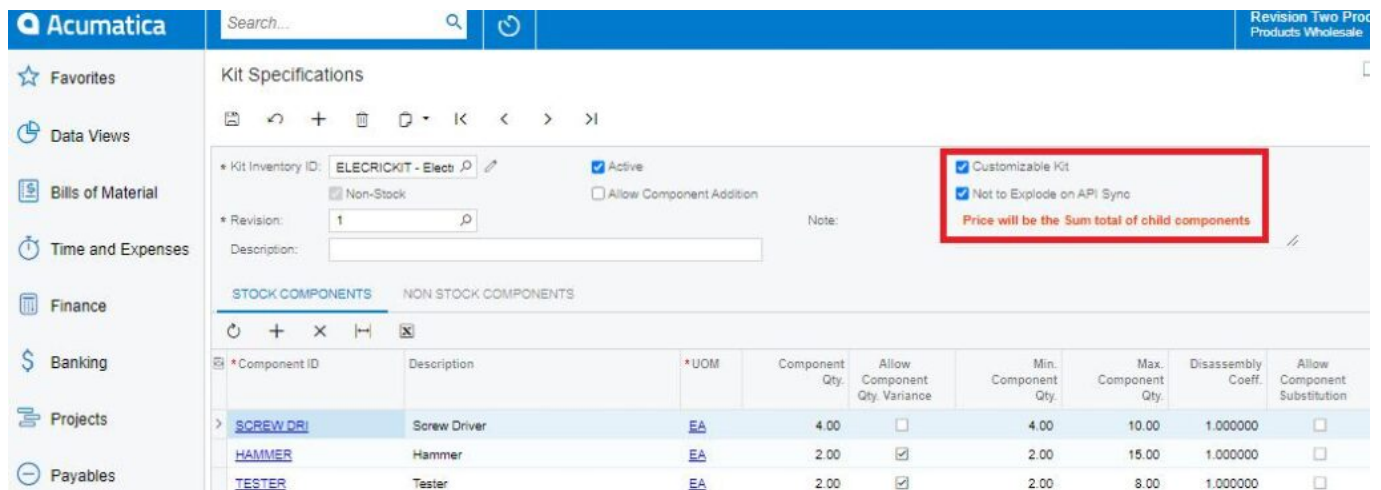
# KIT Explode and Price Distribution



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 Kit Specifications screen. The 'Kit Inventory ID' is 'ELECRIKIT - 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*

Acumatica

Search

Revision Two Products Products Wholesale 2/19/2023 10:31 PM admin

Item Classes

Item Class Tree

- ALLOTHER\*\*\*\*\* All Others
- CHARGE\*\*\*\*\* Miscellaneous
- CONSUMER\*\*\*\*\* CONSU
- DEPOSIT\*\*\*\*\* Deposit Item
- DISTRIB\*\*\*\*\* Supply Distrib
- ELECComp\*\*\*\*\* ELECTF
- EXPENSE\*\*\*\*\* Expenses
- FOOD\*\*\*\*\* FOOD ITE
- FOODNS\*\*\*\*\* Food Item - No
- INDAC\*\*\*\*\* Air Conditioning
- INDACMODEL\*\*\*\*\* Air Condition
- INDACOUT\*\*\*\*\* Air Condition
- INDEQUIP\*\*\*\*\* INDUSTR
- INSTALL\*\*\*\*\* Installation
- INTERNAL\*\*\*\*\* Internal Service
- MFG\*\*\*\*\* Manufacturing It
- MFGFG\*\*\*\*\* Manufacturing f
- MFGPUR\*\*\*\*\* Manufacturing
- MFGSUBASSY\*\*\*\*\* Manufactur
- NONSTOCK\*\*\*\*\* Non-Stock It
- OPERATIONS\*\*\*\*\* Operations
- PMCSTR\*\*\*\*\* Construction P
- PMLABOR\*\*\*\*\* Project Labor
- PMNONSTOCK\*\*\*\*\* Project non
- SERVICE\*\*\*\*\* Warranty and S
- SOFTWARE\*\*\*\*\* Software
- SUPPORT\*\*\*\*\* Case Labor
- TECHSUPP\*\*\*\*\* Tech Support
- TRAINING\*\*\*\*\* Customer Train

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 Servic

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

Undershhip Threshold (%): 100.00

Overship Threshold (%): 100.00

CUSTOMIZABLE KIT SETTINGS

Not to Explode on API Sync

## KIT Explode Setting on Item Classes screen

Acumatica

Search

Revision Two Products Products Wholesale 5/12/2023 3:13 AM admin

Sales Orders

SO SO000191 - Alta Ace

QUICK PROCESS CREATE SHIPMENT HOLD

Order Type: SO Customer: AACUSTOMER - Alta Ace Ordered Qty: 39.00

Order Nbr: SO000191 Location: MAIN - Primary Location Discount Total: 0.00

Status: Open Contact: Amelia Armstrong VAT Exempt T: 0.00

Date: 5/12/2023 Currency: USD 1.00 VIEW BASE VAT Taxable T: 0.00

Requested On: 5/12/2023 Project: X - Non-Project Code Tax Total: 0.00

Customer Ord: Order Total: 2,997.00

External Refer: Description:

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 PROO 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 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](#)

