
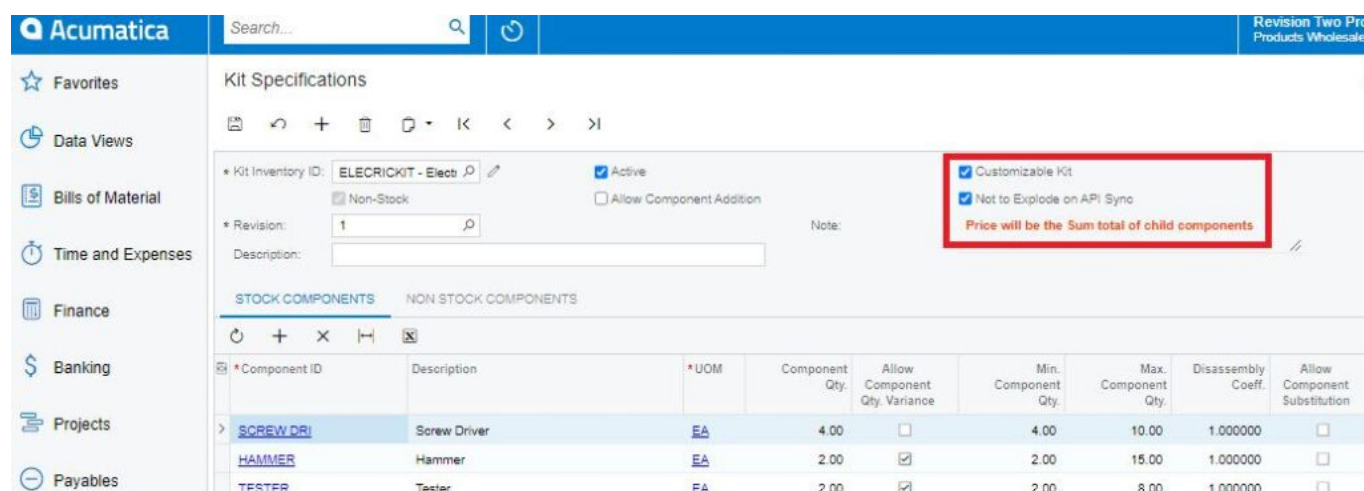


KIT Explode and Price Distribution

 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 '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

Acumatica

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

NOTES ACTIVITIES FILES CUSTOMIZATION

Item Classes

Item Class Tree

- ALLOTHER***** All Others
- CHARGE***** Miscellaneous
- CONSUMER***** CONSU
- DEPOSIT***** Deposit Item
- DISTRIB***** Supply Distrib
- ELECCOMP***** ELECTF
- EXPENSES***** 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***** Manufacturir
- 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

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Price Distribution and KIT Explode



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

