
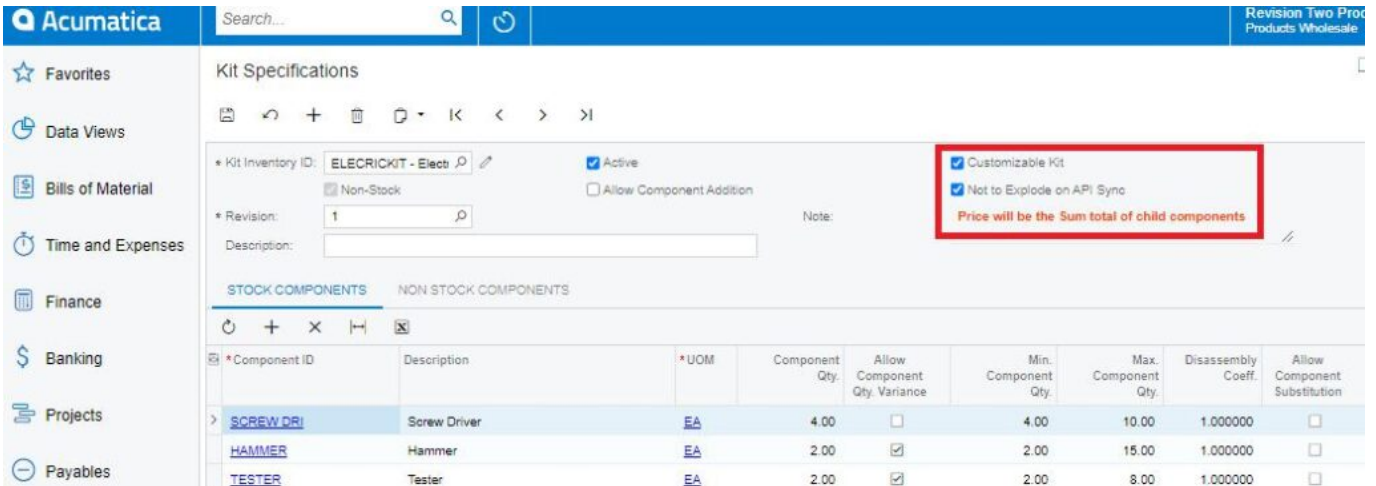


KIT Explode and Price Distribution

 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.

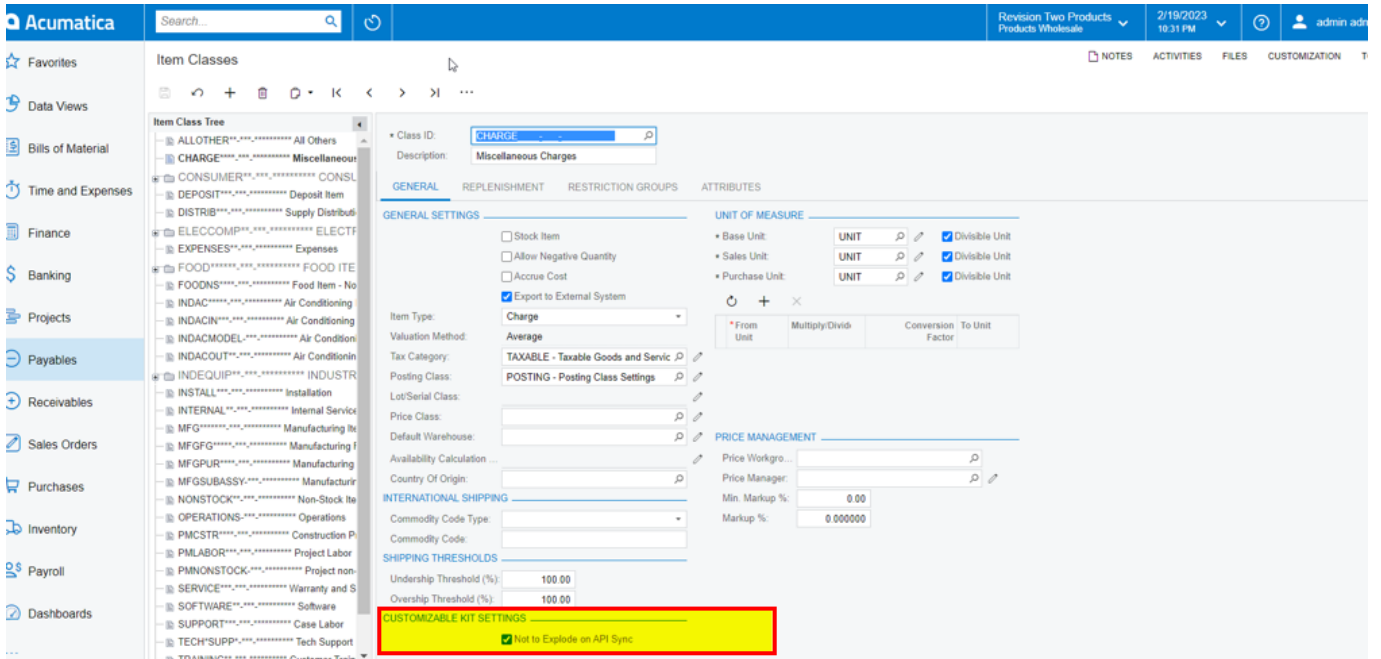
While creating a Sales Order, If the **'Not to Explode on API Sync'** checkbox is enabled in both **Kit Specifications** and **Item Class** screens, then the non-stock kit item will remain unexploded in the sales order.



The screenshot shows the Acumatica interface for 'Kit Specifications'. The 'Kit Inventory ID' is 'ELECRIKIT - Elect'. 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 these two checkboxes and the note below them: 'Price will be the Sum total of child components'. Below the settings, there are two tabs: 'STOCK COMPONENTS' and 'NON STOCK COMPONENTS'. The 'STOCK COMPONENTS' tab is active, showing a table of components.

*Component ID	Description	*UOM	Component Qty.	Allow Component Qty. Variance	Min. Component Qty.	Max. Component Qty.	Disassembly Coeff.	Allow Component Substitution
> SCREW DR	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"/>

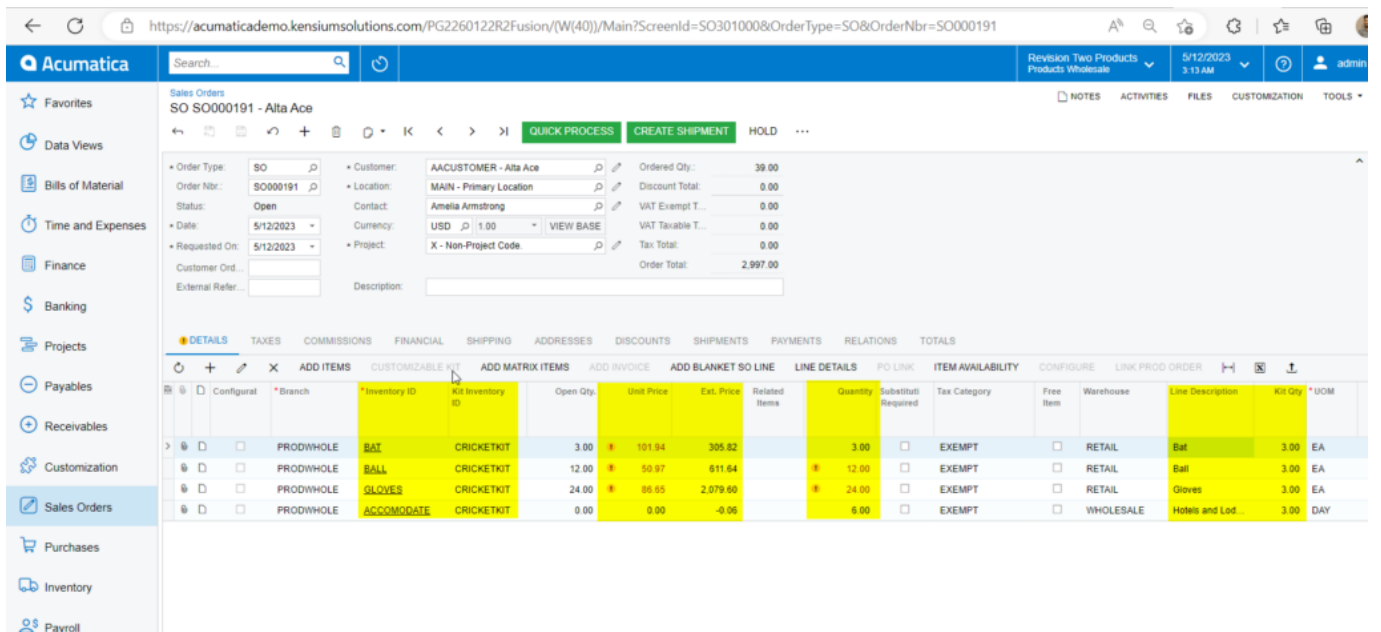
KIT Explode Setting on Kit Specifications screen



The screenshot shows the Acumatica Item Classes configuration screen for class ID 'CHARGE'. The 'CUSTOMIZABLE KIT SETTINGS' section is highlighted in yellow and contains the following information:

- Not to Explode on API Sync

KIT Explode Setting on Item Classes screen



The screenshot shows the Acumatica Sales Order screen for order SO SO000191. The 'ITEMS' tab is active, displaying a table of items with the following columns: Inventory ID, Kit Inventory ID, Open Qty, Unit Price, Ext. Price, Quantity, and UOM. The table contains the following data:

Inventory ID	Kit Inventory ID	Open Qty	Unit Price	Ext. Price	Quantity	UOM
BAT	CRICKETKIT	3.00	101.94	305.82	3.00	EA
BALL	CRICKETKIT	12.00	50.97	611.64	12.00	EA
GLOVES	CRICKETKIT	24.00	88.65	2,079.60	24.00	EA
ACCOMMODATE	CRICKETKIT	0.00	0.00	-0.00	0.00	DAY

Price Distribution and KIT Explode



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

