

CHANGE REQUEST																																																																									
Project Name	Part Kit Purchasing	Version																																																																							
Description of Change																																																																									
<p>Description of Need:</p> <p>ACMECO would like to create a parts KIT as shown below, and put a barcode for the Parent Part on the bin containing the kit components.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr style="background-color: #e0e0e0;"> <th style="width: 5%;"></th> <th style="width: 10%;">A</th> <th style="width: 30%;">B</th> <th style="width: 40%;">C</th> <th style="width: 15%;">D</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td></td> <td>Parent Part #</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">2</td> <td></td> <td style="text-align: center;">123654</td> <td style="text-align: center;">Chasis Kit</td> <td></td> </tr> <tr> <td style="text-align: center;">3</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">4</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">5</td> <td></td> <td style="text-align: center;">Child Part #</td> <td style="text-align: center;">DESC</td> <td style="text-align: center;">Qty.</td> </tr> <tr> <td style="text-align: center;">6</td> <td></td> <td style="text-align: center;">130973</td> <td style="text-align: center;">PLATE, CARRIAGE CENTER</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">7</td> <td></td> <td style="text-align: center;">130975</td> <td style="text-align: center;">PLATE, CARRIAGE SIDE</td> <td style="text-align: center;">2</td> </tr> <tr> <td style="text-align: center;">8</td> <td></td> <td style="text-align: center;">130976</td> <td style="text-align: center;">PLATE, CARRIAGE HOOK, QA</td> <td style="text-align: center;">2</td> </tr> <tr> <td style="text-align: center;">9</td> <td></td> <td style="text-align: center;">21669-600</td> <td style="text-align: center;">FLATBAR, STL .5X2.5</td> <td style="text-align: center;">5</td> </tr> <tr> <td style="text-align: center;">10</td> <td></td> <td style="text-align: center;">130977</td> <td style="text-align: center;">PLATE, CORNER GUSSET</td> <td style="text-align: center;">2</td> </tr> <tr> <td style="text-align: center;">11</td> <td></td> <td style="text-align: center;">1552-4800</td> <td style="text-align: center;">TUBE, RECT, STL 3X4X.250</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">12</td> <td></td> <td style="text-align: center;">1373-4800</td> <td style="text-align: center;">FLATBAR, STL .5X3</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">13</td> <td></td> <td style="text-align: center;">108797-5025</td> <td style="text-align: center;">TUBE, RECT, STL, 4X6X.5X50.25LG</td> <td style="text-align: center;">1</td> </tr> </tbody> </table> <p>When the container is empty the Material Department would scan the barcode and GP would automatically create a PO for all of the kit components.</p> <p>The supplier will pick up the empty container, fill it with parts, and return it to the Receiving Department.</p> <p>The Receiving Department would scan the barcode on the container (the Parent Part Number), which would receive all of the components into inventory.</p> <p>Description of Solution:</p> <p>Kit Replenishment A new window will be created called Kit Replenishment. It will be accessed from Transactions >> Purchasing >> Kit Replenishment.</p>					A	B	C	D	1		Parent Part #			2		123654	Chasis Kit		3					4					5		Child Part #	DESC	Qty.	6		130973	PLATE, CARRIAGE CENTER	1	7		130975	PLATE, CARRIAGE SIDE	2	8		130976	PLATE, CARRIAGE HOOK, QA	2	9		21669-600	FLATBAR, STL .5X2.5	5	10		130977	PLATE, CORNER GUSSET	2	11		1552-4800	TUBE, RECT, STL 3X4X.250	1	12		1373-4800	FLATBAR, STL .5X3	1	13		108797-5025	TUBE, RECT, STL, 4X6X.5X50.25LG	1
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X
Kit Replenishment

Clear Create PO

Item Number

Description

Item Number	Description	QTY
130973	PLATE, CARRIAGE CENTER	1
130975	PLATE, CARRIAGE SIDE	2
130976	PLATE, CARRIAGE HOOK, QA	2
21669-600	FLATVAR, STL .5X2.5	5
130977	PLATE, CORNER GUSSET	2
1552-4800	TUBE, RECT, STL 3X4X.250	1
1373-4800	FLATBAR, STL .5X3	1
108797-5025	TUBE, RECT, STL, 4X6X.5X50.25LG	1

= Lookup Button

Field	Function
Item Number	User will scan in a Kit Item Number. The Item Number can also be manually entered or selected from a lookup. The system will only allow KIT items to be entered, and the user will be alerted if the item number entered is not a KIT.
Description	Displays the item description
Scrolling Window	Displays the components of the kit. This window is display only—no changes can be made by the user.
CREATE PO	User will be prompted to confirm they are ready to create the Purchase Order. If they answer YES, a PO will be created for the components of the kit.

To create a PO the following conditions must exist:

- The scanned in item must be the parent item of a KIT
- A Vendor must be assigned to the Parent Part on Item Vendors Maintenance.
- A default site must be assigned to the Parent Part on Item Quantities Maintenance.
- A Primary Vendor must be assigned to the Parent Part on Item Quantities Maintenance for the Default Site.
- The primary vendor for the Parent Part must also be an assigned vendor on all of the components. It does not have to be the primary vendor.
- Default Purchasing U of M must be set up for all components on Item Purchasing Options Maintenance.

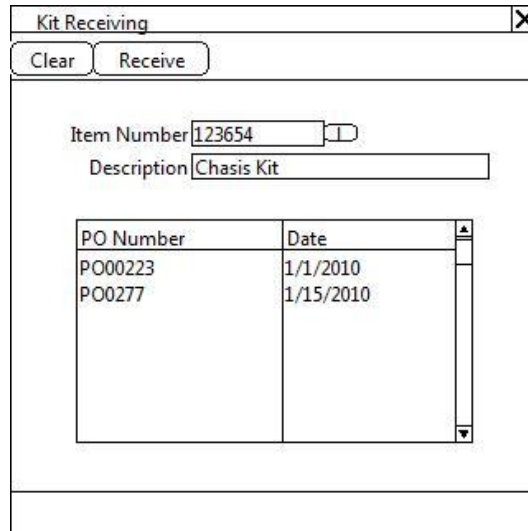
These requirements will be checked as soon as the Parent Part Number is entered. If one or more of these requirements do not exist, the user will be alerted and the window will be cleared.

The PO will be created for the Primary Vendor of the Parent Part, with the site set to the Parent Part's Default Site.


The Parent Part Number will be inserted into the PO's "confirm with" field on Purchasing Vendor Detail Entry. This will be used later during Kit Receiving to identify auto-generated purchase orders for Kits.

Kit Receiving

A new window will be created called Kit Receiving. It will be accessed from Transactions >> Purchasing >> Kit Receiving.



PO Number	Date
PO00223	1/1/2010
PO0277	1/15/2010

 = Lookup Button

Field	Function
Item Number	User will scan in a Kit Item Number. The Item Number can also be manually entered or selected from a lookup. The system will only allow KIT items to be entered, and the user will be alerted if the item number entered is not a KIT.
Description	Displays the item description
Scrolling Window	Displays Purchase Orders that contain the Parent Part Number in the Confirm With field. POs are arranged from oldest to newest.
RECEIVE	<p>Prompts the user to confirm they are ready to receive the PO. If yes, the PO will be auto-received. NOTE: we will automate the following steps:</p> <ul style="list-style-type: none"> • Open the Purchase Order Entry window • Enter the PO Number to be received • Select Receive the PO Items from the ACTIONS menu. (Not Receive and Invoice). <p>This automatically creates a PO Receipt for the PO, and opens the Select Purchase Order Items window with all of the PO Line Items already marked. This gives the user the opportunity to edit the receipt if necessary before posting.</p>

Although the original description of the Kit Replenishment need suggested there would be only one Kit Bin per Parent Part, and that there would only be one open PO at a time, the design above allows for the possibility that there could be multiple open purchase orders for the parent part.

