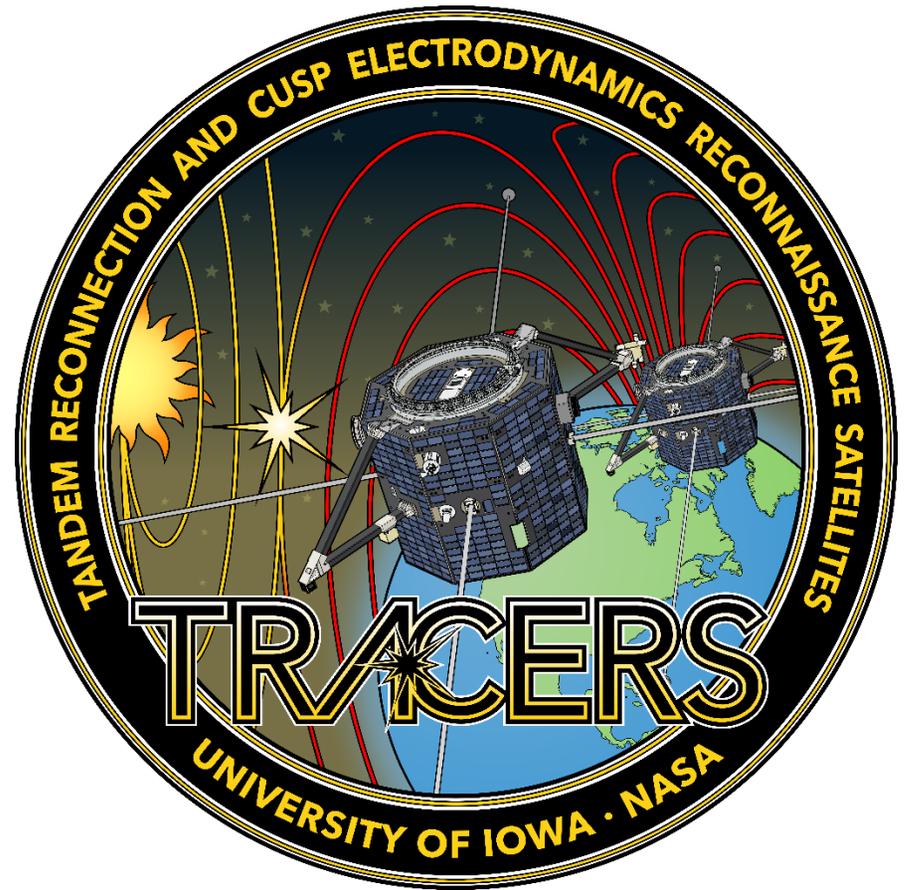


# TRACERS Launch Stack

## Ordering Instructions



## A few notes:

- The set consists of **1,528 total parts** and **98 lots** (unique items).
  - The total price of this set should be between **\$130 and \$160**, maybe a bit less if you're lucky 😊 .
- All necessary files – purchase instructions, parts lists, build instructions – are located here: <https://tracers.physics.uiowa.edu/lego-model>
- This set of instructions details how to use the BrickLink.com marketplace to buy all the pieces for the set. If you know of another method to purchase parts, feel free!
- These Lego models are for enjoyment and outreach. Neither the TRACERS mission nor anyone associated will financially benefit from purchases.
- **If you have problems ordering:**
  - BrickLink customer support: email [bricklink@support.lego.com](mailto:bricklink@support.lego.com) or visit <https://www.bricklink.com/helpDesk.asp>
  - If you run into issues with the files or have questions about the instructions, email [gabriel-martin@uiowa.edu](mailto:gabriel-martin@uiowa.edu).
  - If you do not receive all the pieces, you will need to work with the BrickLink vendors from whom you ordered.

## Ordering the parts through BrickLink

1. Before you continue, it is helpful to be logged into your <https://www.bricklink.com> account in the same browser you are using for this order.
2. Locate the full parts list and save it to your computer.
  - a. Go to <https://tracers.physics.uiowa.edu/lego-model>
  - b. Scroll down to the “Files to use when purchasing” and click on “Parts List – Launch Stack (BrickLink friendly XML file in a ZIP folder)”

**Hint:** this process will go faster if you register and are logged in ahead of time to your own accounts at the following websites:

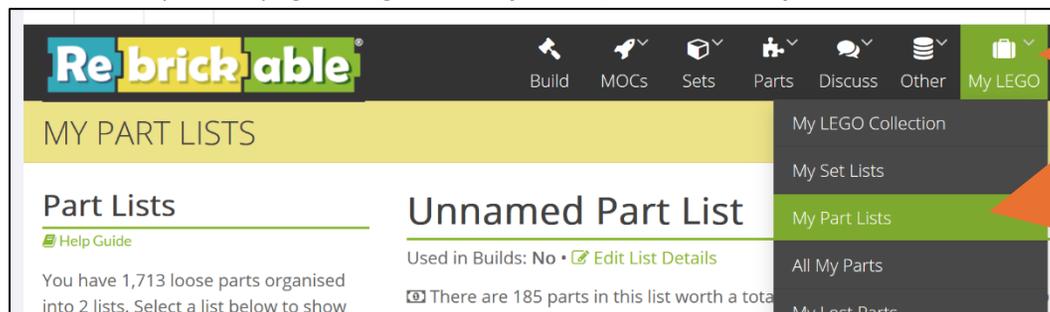
- <https://rebrickable.com>
- <https://www.bricklink.com>



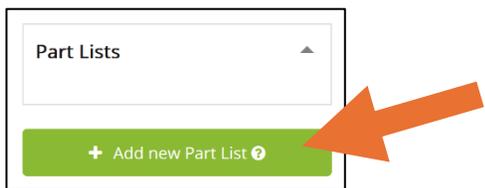
3. Use the XML parts list you just downloaded to create a Wanted List on BrickLink.



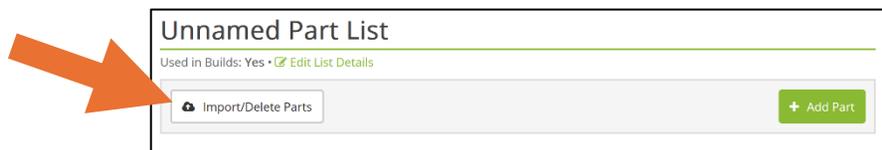
- a. Go to <https://rebrickable.com> and login to your account (or register, first).
- b. Using the menu at the top of the page, navigate to “My LEGO”, and select “My Part Lists”.



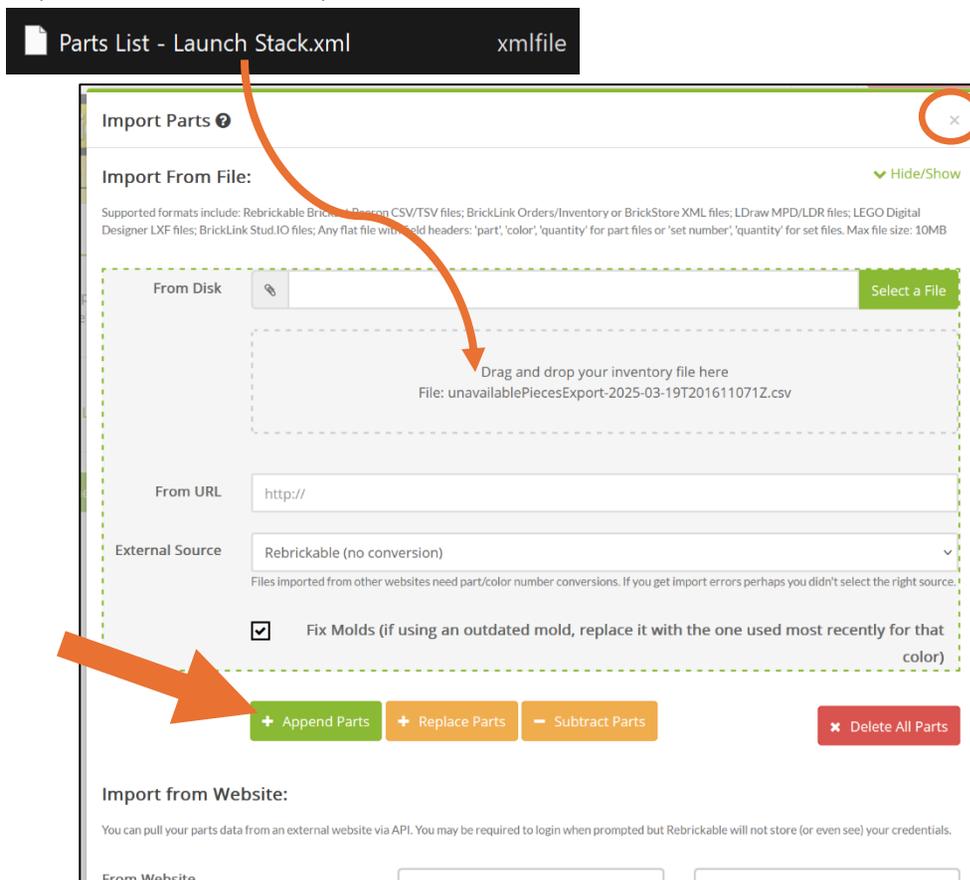
c. Click “Add new Part List” on the left side of the My Parts List page.



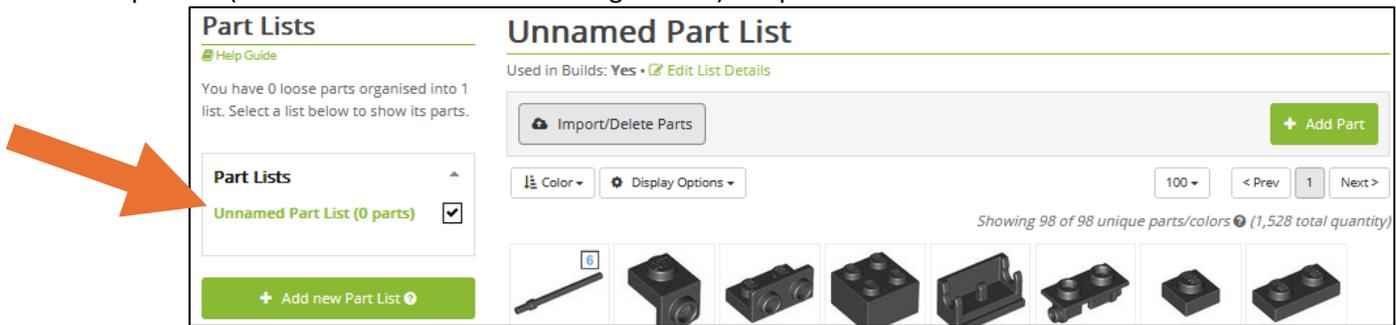
d. Click “Import/Delete Parts”. (You can edit the name, but these instructions keep it as “Unnamed Part List”)



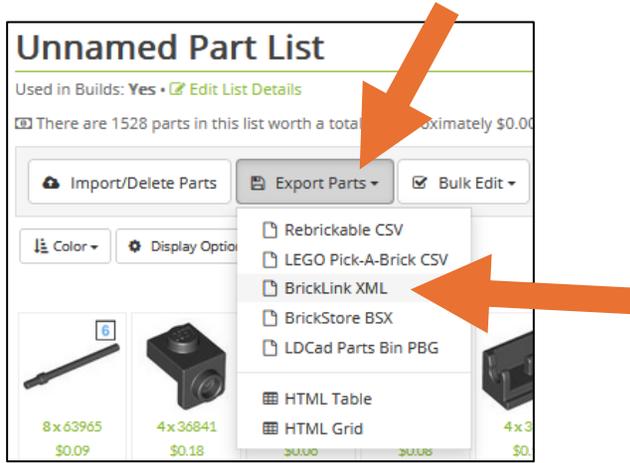
e. Drag and drop the XML parts list file into the Import Parts window (or use the Select a File button). Click “Append Parts”, then close the Import Parts window.



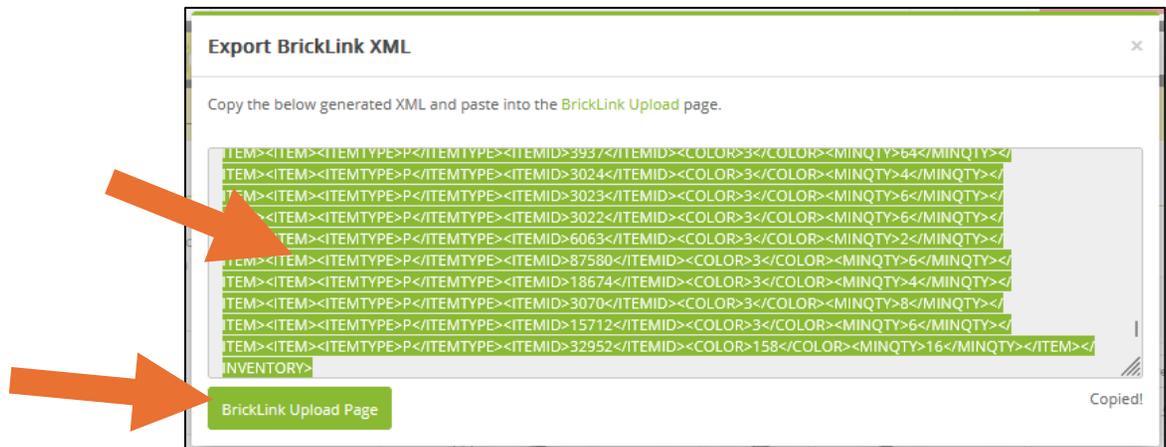
f. Click on the new part list (“**Unnamed Part List**” in the image below) to open it.



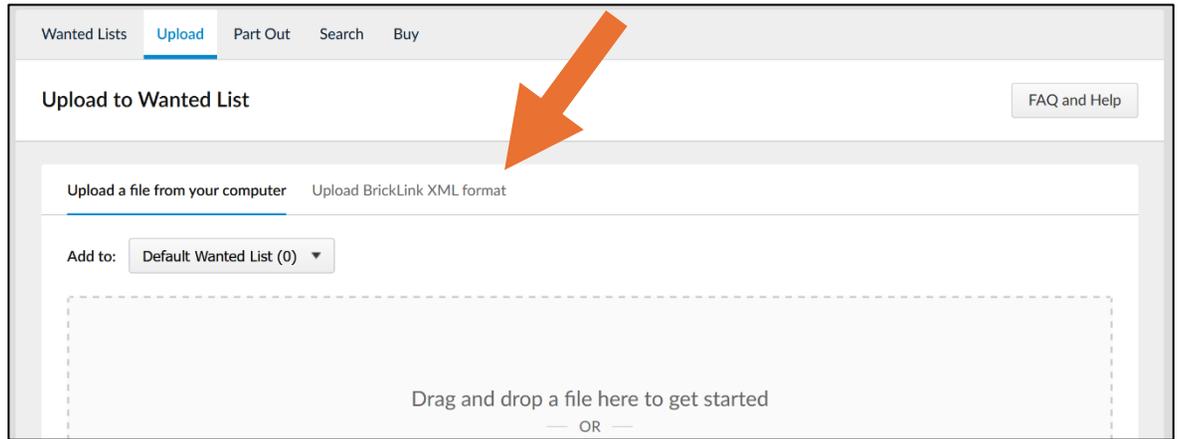
g. Click “**Export Parts**” and select “**BrickLink XML**” (important!)



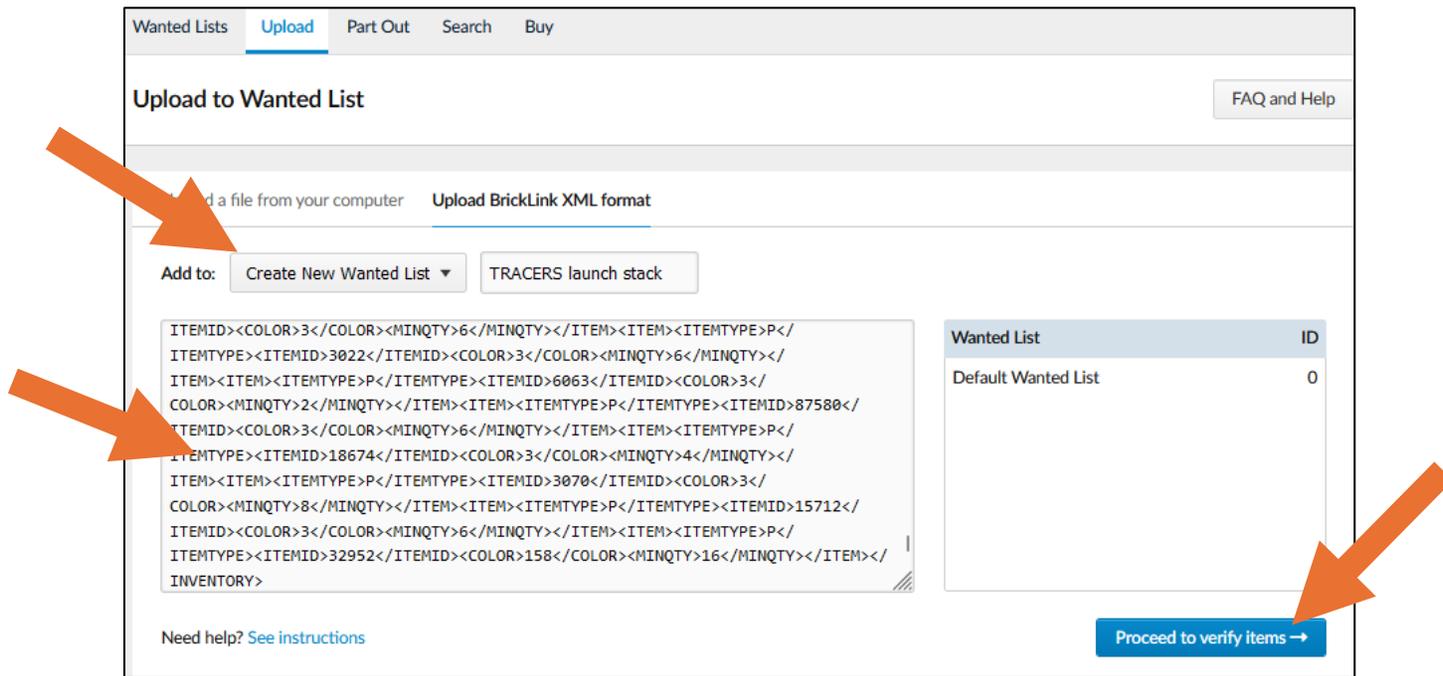
h. A window like the one below will open. Click on the text in the gray box to copy it. Click “**BrickLink Upload Page**”.



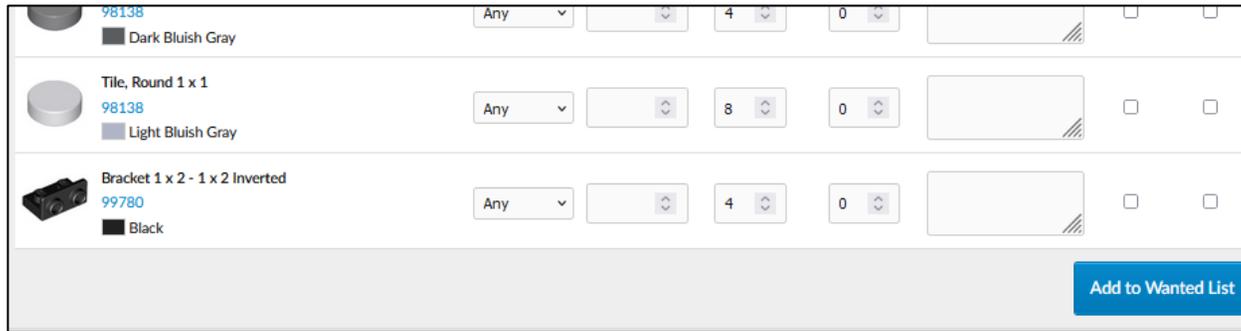
i. You should automatically be taken to the “Upload to Wanted List” page on BrickLink.com. Click on the “**Upload BrickLink XML format**” tab.



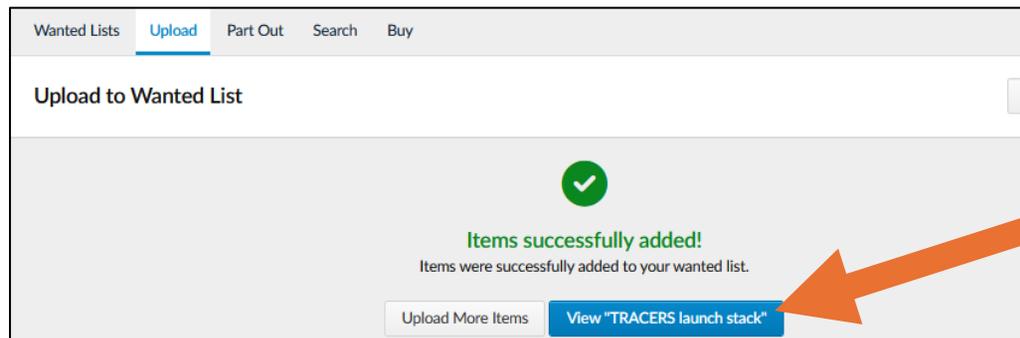
- j. Click “**Copy and paste here**”, paste the copied text into the box (as shown below).
  - i. In the “**Add to:**” drop-down, choose “**Create New Wanted List**”. Name it something obvious, like “**TRACERS launch stack**”
  - ii. Hit “**Proceed to verify items->**”.



k. Scroll to the bottom and click “Add to Wanted List”.



l. Click the View “TRACERS launch stack” button



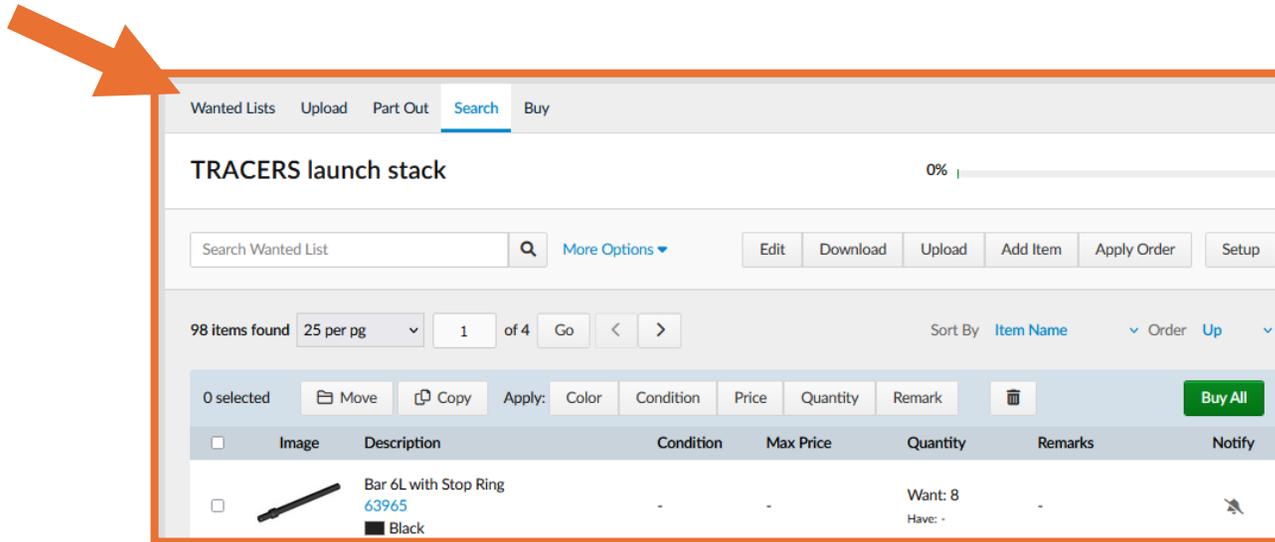
#### 4. Notes Before Purchasing!

Depending on your needs, this can be simple, or it may take a few additional steps.

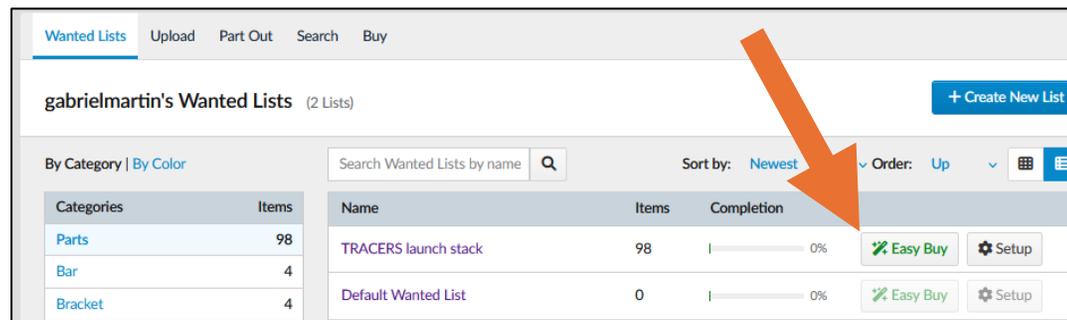
- Go to **Step 5** for “Easy Buy” if you don’t mind ordering from any region or country, and don’t want to mess with any store filtering options.
- Go to **Step 6** if you need to order from within your own country or want to check out some store filtering options.

5. Using the “Easy Buy” function to (finally) purchase your TRACERS pieces.

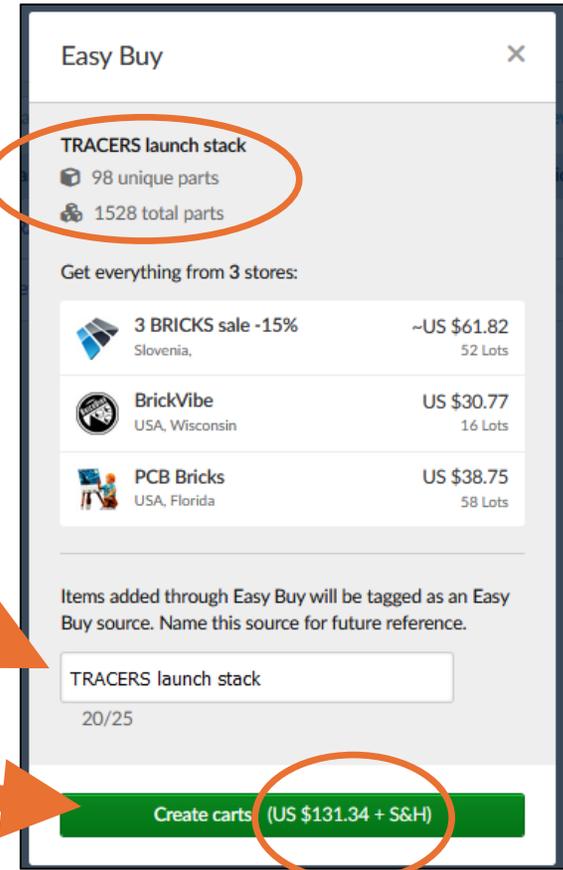
a. After step 3.n, you should see a page like what’s shown below. Click the “Wanted Lists” tab.



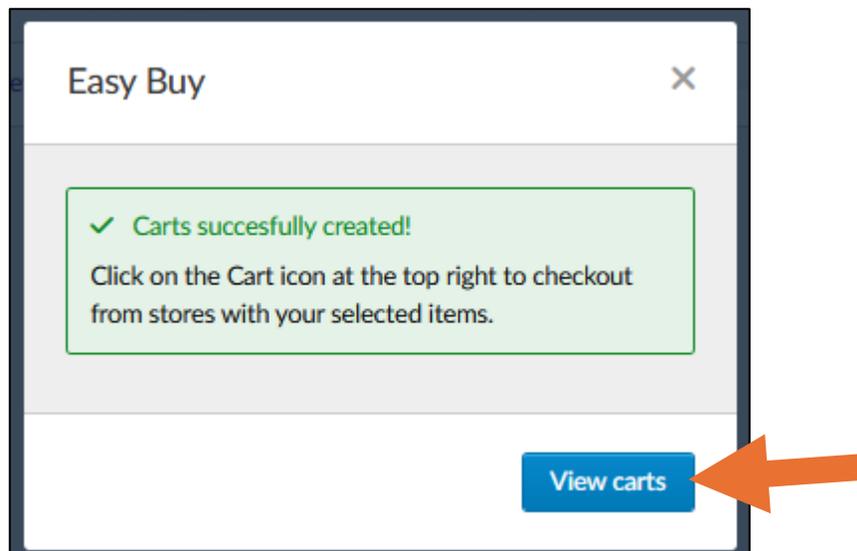
b. Click the “Easy Buy” button next to your “TRACERS launch stack” wanted list. It might take a bit to find stores that can fulfill the whole order.



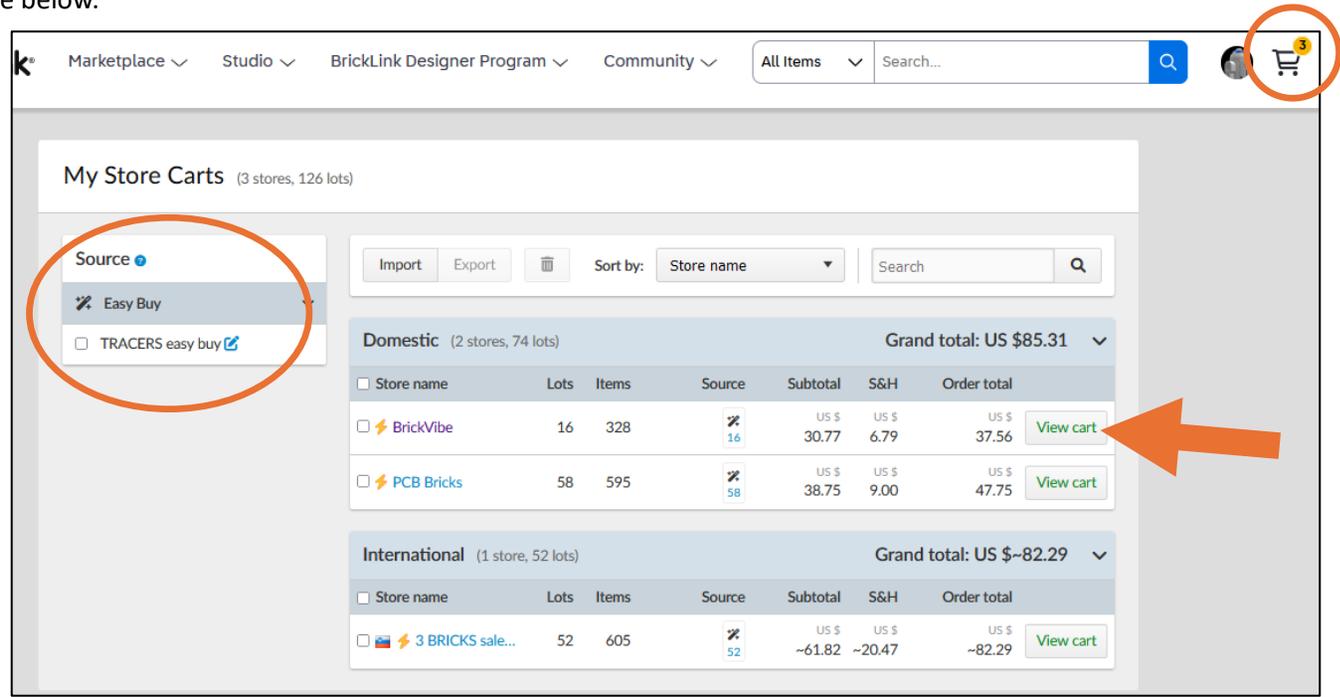
- c. An Easy Buy window like the screenshot to the right will eventually appear.
  - i. Make sure it says **98 unique parts** and **1528 total parts**.
  - ii. It might be worth naming the source (see arrow below) "TRACERS easy buy".
  - iii. Make sure the total price between this isn't outrageous (the full set should be ~\$130-\$180 before shipping and handling).
  - iv. If you like what you see, click the green "**Create carts**" button.



- d. Click "**View carts**"



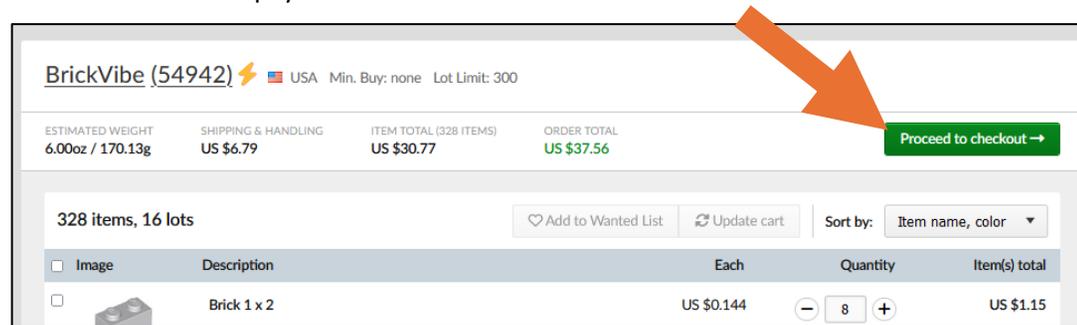
e. You will see a screen like the image below.



f. From here, you will finalize payment for each of the carts that were created by the Easy Buy function.

i. To finalize payment for a store, first click **“View cart”** on the right side of that store’s row.

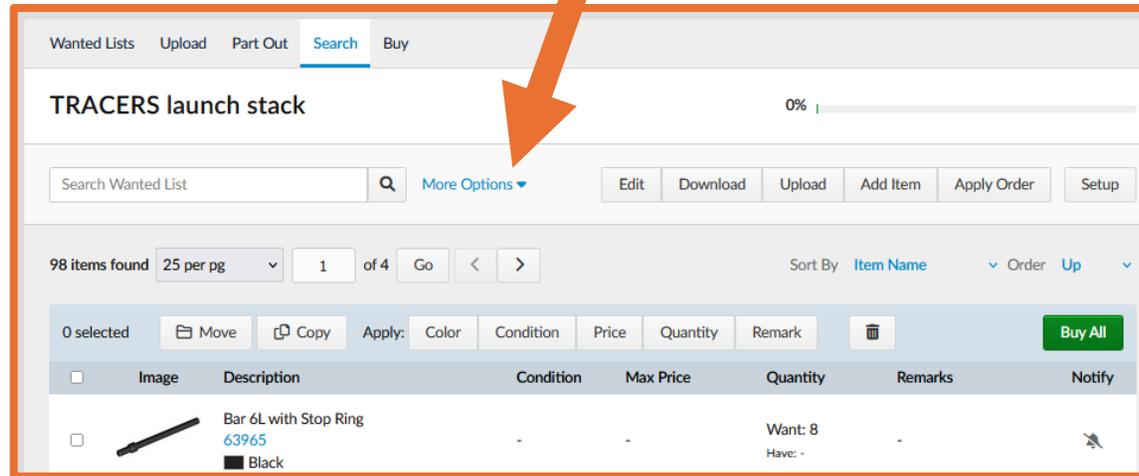
1. Then click **“Proceed to checkout”** and follow the payment instructions.



ii. To navigate back to the “My Store Carts” window to make payment for other stores/carts, just hover over the cart icon in the top right corner and click **“View All Carts”**.

6. Filtering options → select store(s) → create cart(s) → finalize payment for your cart(s)!

a. After step 3.n, you should see a page like what's shown below. Click "More Options"

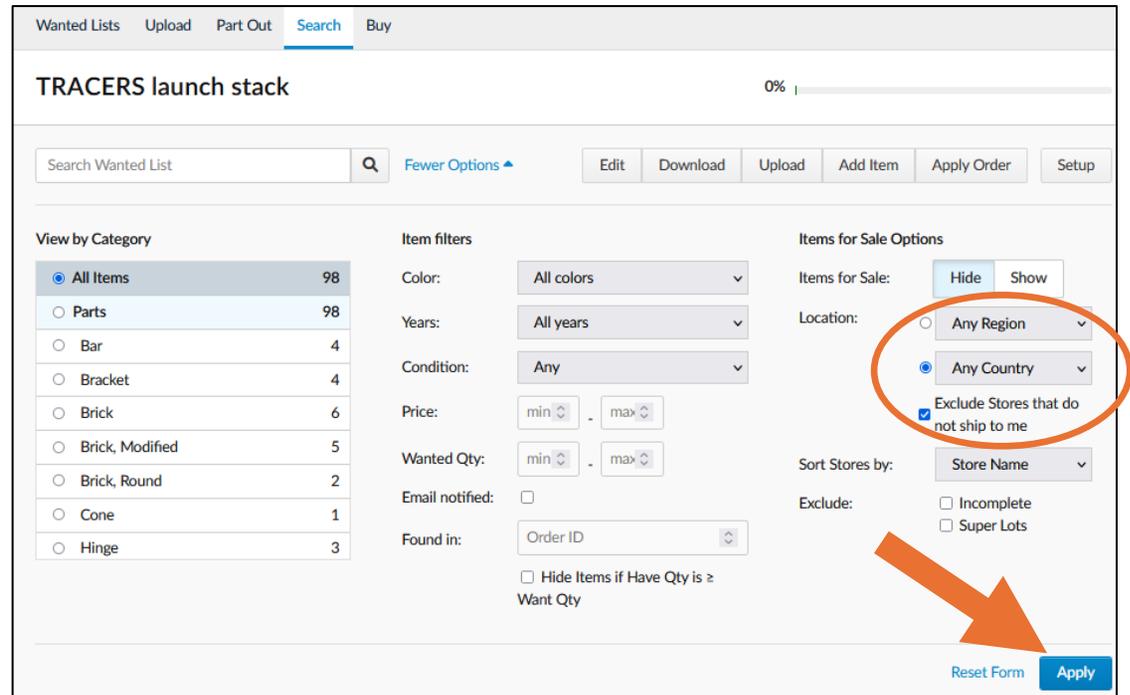


b. These options will filter out stores/vendors based on what you select.

i. If, for example, you want to purchase from within your country, select the bullet next to "Any Country", then choose your country from the dropdown.

c. Of course, you should select the box next to "Exclude Stores that do not ship to me".

d. Hit "Apply"

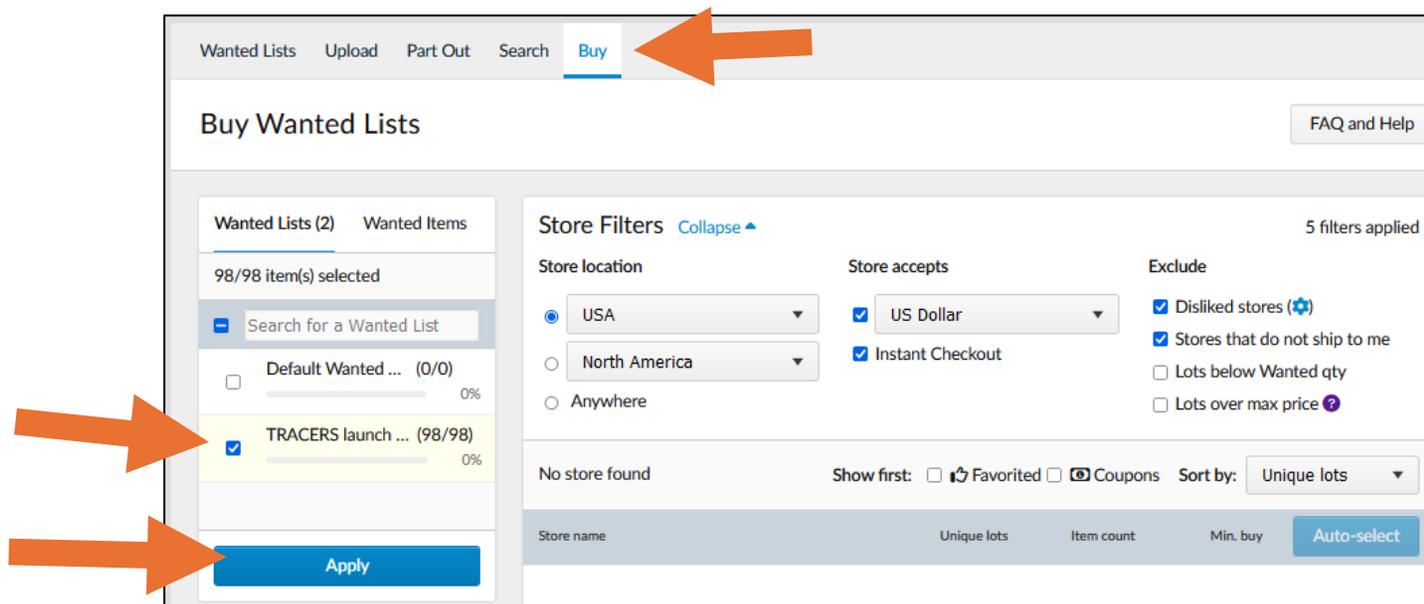
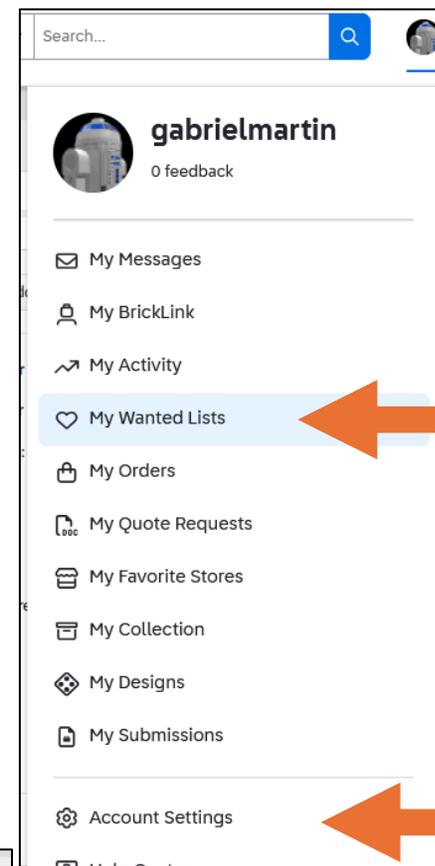


e. More filtering options are in two other places as well. We will direct you to them but will not provide detailed information. If needed, email [bricklink@support.lego.com](mailto:bricklink@support.lego.com) or visit <https://www.bricklink.com/helpDesk.asp> for other options.

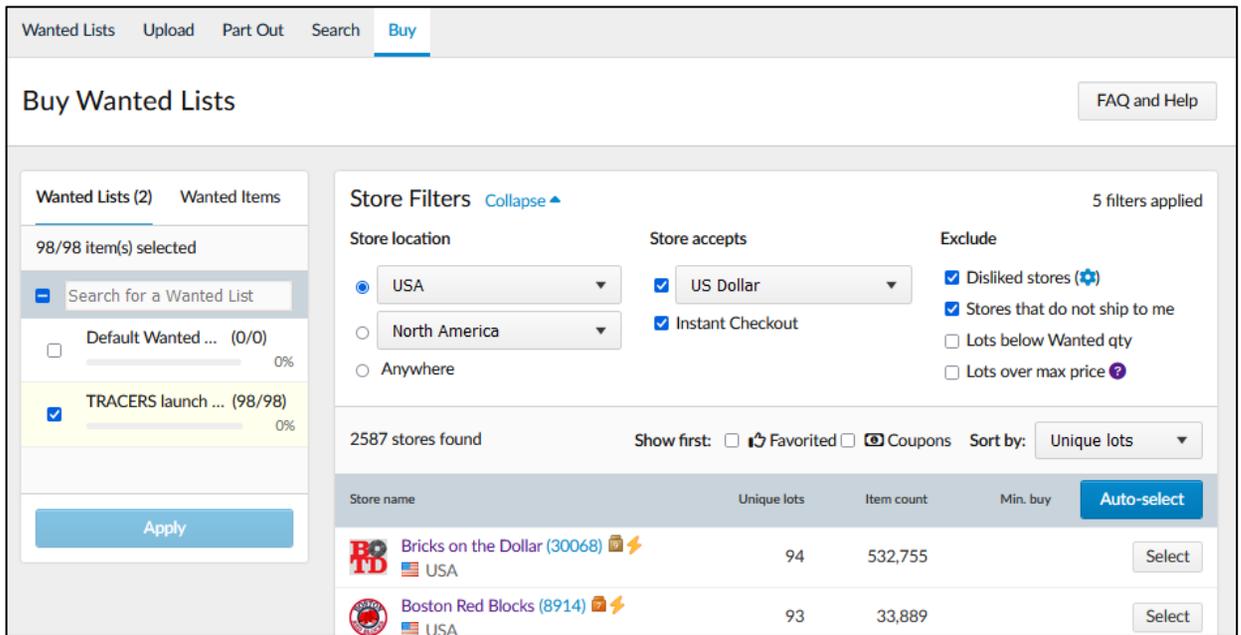
i. Your **Account Settings** are worth looking through. To see those, hover over your account icon (a LEGO figure by default) in the top right corner, then click **“Account Settings”**. Peruse at your leisure.

ii. The **“Buy”** tab shows some other options.

1. To navigate back to that page, hover over your account icon, then click **“My Wanted Lists”**.
2. Click the **“Buy”** tab near the top of the screen.
3. Select the **“TRACERS launch stack”** wanted list on the left to apply any filters you use. Click **“Apply”**; it may take a moment to load the list of stores.



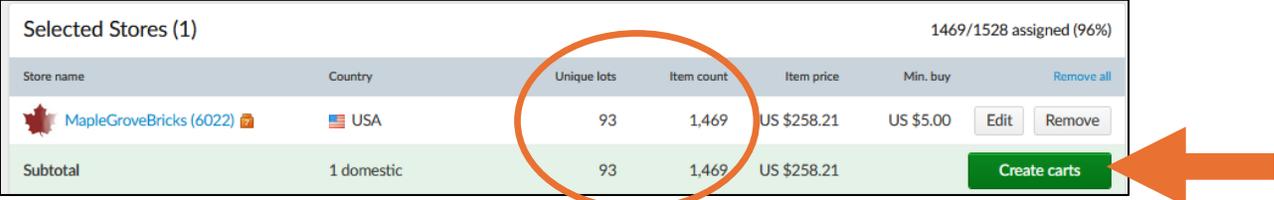
f. Now you have a list of stores that can fulfill part of the TRACERS launch stack set. (Your list will likely differ from what's shown)



**Note:** Stores within the USA all use paypal as an Instant Checkout option. Only some stores also accept credit/debit card payment. If you are OK using paypal for payment, continue to **Step g.** below.

**If you are only buying from stores in the USA and cannot use paypal, do not click "Auto-select"; you will instead need to manually select stores to complete your order. Here is how to manually select stores:**

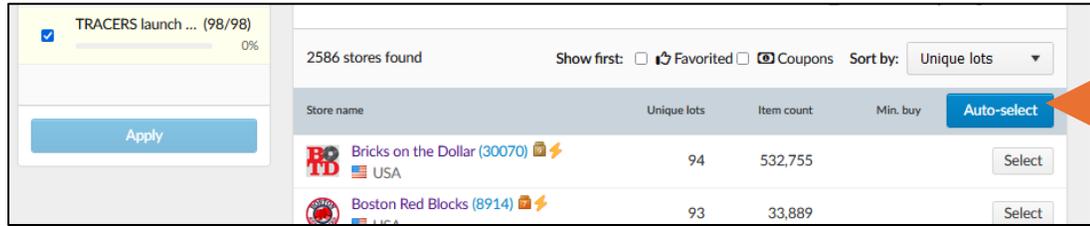
- To see if a store accepts credit/debit: click on each store's name, navigate to that store's "Terms" tab, and scroll down to their Payment Policy section. Here it will tell you if they accept credit/debit. If they do not, you will know not to select that store.
- When you find a store you want to use, click the **Select** button next to that store, then click **"Confirm Selection"** on the next window.
- The list of stores will automatically update. Keep selecting stores until **"Unique lots"** shows **98** and **"Item count"** shows **1528**.



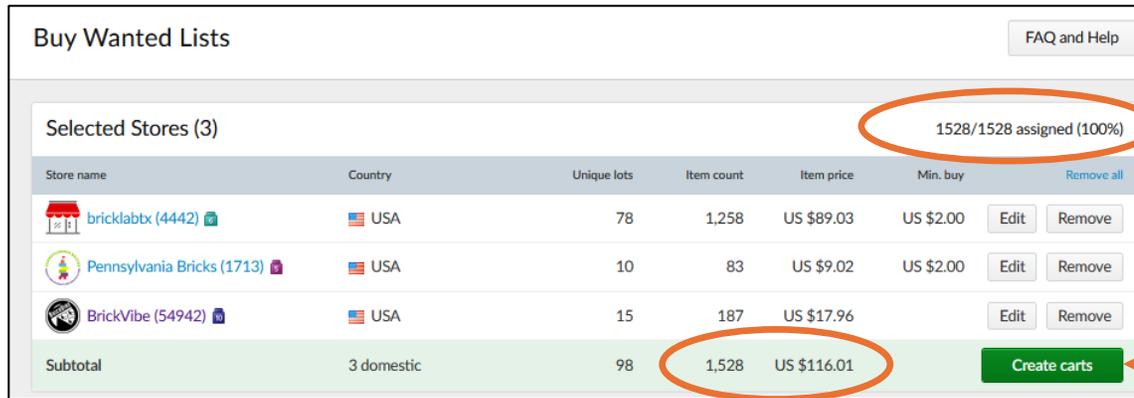
- When done selecting stores (98 lots, 1528 items/pieces), click the **"Create carts"** button and follow on-screen instructions to purchase each cart.

g. Using “Auto-select” to choose stores.

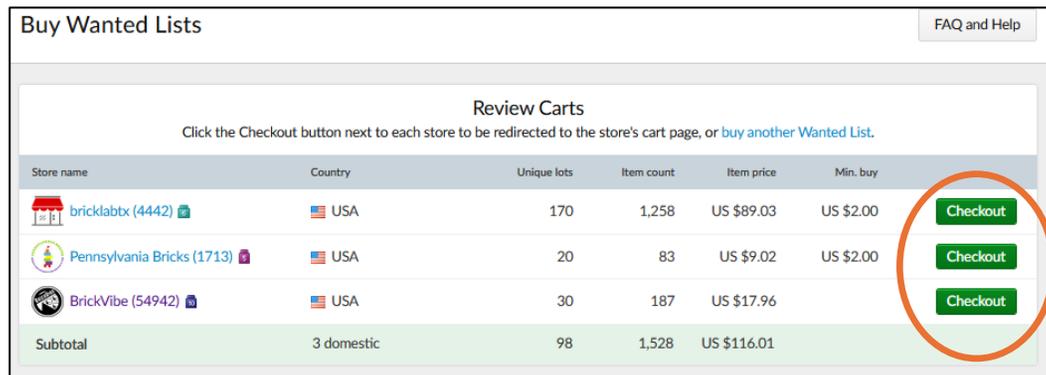
- i. Click the “Auto-select” button. An “Auto-Select Stores” window will pop-up; click “Start”.



- ii. Check the subtotal price and if **1528/1528 assigned (100%)** is shown. If you like what you see, click “Create carts”.



- iii. For each cart, click “Checkout” and follow the on-screen instructions to finalize payment.



- iv. To navigate back to your carts to make payment for other stores/carts, hover over the cart icon in the top right corner of the screen and click “View All Carts”.