The SHC Products and SHC Products Template Tags plugins are used on more than just FitStudio Gear. To ensure general stability of our other sites, and to eliminate the possibility that ongoing development will interfere with Gears’ customized plugins - we’ve required that said plugins be saved as separate plugins, those changes needed to be done before we could add them to our repositories - not other changes have been made except those that were necessary.

This review does not attempt to QA or debug the work that has been done, it only looks for problems that threaten stability and general maintainability.

**Issues:**

1. This version of the SHC Products plugin uses the Sears API v1. That version of the API is broken with regard to softlines when responding in JSON. The ‘prodvar’ node is overwritten by siblings - said node represents softline ‘Fit’ a.k.a ‘‘Special Size’ variants. The Sears API team has released Sears API v2 which solves the problem in the JSON response, but the changes impact on how softlines are dealt with overall.

2. /gear\_v2/functions.php:lines#2-3

Sets ‘home’ and ‘siteurl’ to localhost.

3. /gear-shcproducts-template-tags/gear-shcproducts-template-tags:lines#643-709

Hardcodes Gear-specific markup. Also assumes color swatches would never be dropdowns which is not the case in all uses of this plugin. (not a show-stopper as long as we keep the Gear-centric version segregated)

4. /gear-shcproducts-template-tags/gear-shcproducts-template-tags:line#706

Calls a Gear-specific function, furthermore said function resides at /gear\_v2/functions.php:line#900 - which means the plugin can not operate without having activated the new version of the Gear theme specifically. (not a show-stopper as long as we keep the Gear-centric version segregated)

**Changes we’ve had to make:**

* SHC Products Plugin
  + Folder name: gear-shcproducts
  + File name: gear-shcproducts.php
  + Plugin name: to “SHC Products (Gear)”
* SHC Products Template Tags
  + Folder name: gear-shcproducts-template-tags
  + File name: gear-shcproducts-template-tags.php
  + Plugin name: to “SHC Products Template Tags (Gear)”
* Gear Theme
  + Folder name: gear\_v2

We were provided with a list of changes - however after reviewing each file listed it was found that the following file appeared not to have any changes.

* /gear-shcproducts/application/classes/views/admin/import/list.php