

**amasty**

For more details see the [Product Parts Finder](#) extension page.

# Guide for Product Parts Finder

## Setting up Finder step by step








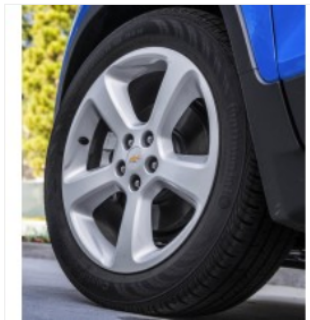
### Step 1. Preparations

In our sample web store, we are selling car parts. There is a wide variety of products and we want our customers to be able to find the part they need faster.

HOME / WHEELS

#### WHEELS

SORT BY:  ↑ VIEW AS:    32 Wheelion Item(s) SHOW:

 <p>AUDI A5 19" MATTE STRIPE \$880.00 <a href="#">ADD TO CART</a> <a href="#">Add to Wishlist</a> <a href="#">Add to Compare</a></p>	 <p>AUDI A5 19" SILVER CROSS \$900.00 <a href="#">ADD TO CART</a> <a href="#">Add to Wishlist</a> <a href="#">Add to Compare</a></p>	 <p>AUDI A5 19" DOUBLE STRING \$980.00 <a href="#">ADD TO CART</a> <a href="#">Add to Wishlist</a> <a href="#">Add to Compare</a></p>	 <p>CHEVROLET TRAX 18" CLAMP \$680.00 <a href="#">ADD TO CART</a> <a href="#">Add to Wishlist</a> <a href="#">Add to Compare</a></p>
 <p>CHEVROLET TRAX 18" NEST \$510.00 <a href="#">ADD TO CART</a> <a href="#">Add to Wishlist</a> <a href="#">Add to Compare</a></p>	 <p>MAZDA 7 19" STINGER \$680.00 <a href="#">ADD TO CART</a> <a href="#">Add to Wishlist</a> <a href="#">Add to Compare</a></p>	 <p>MAZDA 7 18" NEST \$650.00 <a href="#">ADD TO CART</a> <a href="#">Add to Wishlist</a> <a href="#">Add to Compare</a></p>	 <p>CHEVROLET TRAX 18" STOCK \$540.00 <a href="#">ADD TO CART</a> <a href="#">Add to Wishlist</a> <a href="#">Add to Compare</a></p>

Let's filter the wheels collection to display only the wheel which will fit a particular car.

Let's do this using the extension. Configure the Finder to **filter Wheels category to display wheels**

**for a selected car only.**

If in your store wheels are distributed among different categories, you should set the **Anchor** on a parent category.

Display Settings		
Display Mode	Products only	[STORE VIEW]
CMS Block	Please select a static block ...	[STORE VIEW]
Is Anchor	Yes	[GLOBAL]
Available Product Listing Sort By *	Best Value Name Price	[STORE VIEW]
Default Product Listing Sort By *	Best Value	[STORE VIEW]
Layered Navigation Price Step	<input checked="" type="checkbox"/> Use Config Settings	[STORE VIEW]

Achieve extra [page speed optimization](#) with the special Google toolkit adapted to Magento.

## Step 2. Creating Finder

Since we want to filter wheels let's highlight three most important variables for a *Finder*: car **make**, car **model** and wheel **diameter**.

**General**

Title \*

Template \*

Add Finder to the Default

Category ▲ Keep 'Yes' to get the Finder working properly at the home and cms pages

Finder block visibility on the Default Category

▲ Keep 'Hide' to not display this finder block on the default category on the frontend. It is useful when there are several finders added to the default category but you need to display only one of them at the frontend.

Once you hit the **Add Finder** button you will need to specify the number of dropdowns. You can set the number of dropdowns only when creating a new Finder.

Second important setting there is **Custom Destination URL**. There you set the page to which the Finder block will redirect you after you hit the **Find** button. This setting can be changed at any time.

Hit **Save** to proceed.

---

### Step 3. Filling up Finder

The easiest way to fill up Finder with products is to utilize a CSV import feature. For this, you will need to compile a CSV file with the data containing all the variations for **Make**, **Model** and **Diameter** and assign these variations to the products in Magento Catalog.

Deciding on CSV format is very simple: count the number of **dropdowns** you have and add one more for a **SKU** column. In our case there are **three dropdowns**, adding **one** makes it **four-column CSV**.

```
1 Audi,A5,19",wheel1
2 Audi,A5,19",wheel2
3 Audi,A5,19",wheel3
4 Chevrolet,Trax,18",wheel4
5 Chevrolet,Trax,18",wheel5
6 Chevrolet,Trax,18",wheel6
7 Mazda,7,19",wheel7
8 Mazda,7,18",wheel8
```

This is how a ready-for-import CSV file looks like.

Open the **Import** tab, drag and drop the CSV and hit **Import**. After the import is done hit the **Save** button.

## Step 4. Placing Finder block

To use finder on the home page or on the category without products, we do recommend to add the finder block to the root category.

Open the Finder you've just created and navigate to the **Get Finder Code** tab.

**Finder Options**

- General
- Dropdowns
- Products
- Import
- Import History
- Universal Products
- Universal Products Import
- Get Finder Code**

### Edit Parts Finder `Wheel Finder`

**Get Finder Code**

Code

```
{{block type="amfinder/form" id="3" location="cms"}}
```

▲ Use this code in cms pages, for more details see [user guide link](#)



**Code**

```
<reference name="content"><block type="amfinder/form" name="amfinder89" before="."-><action method="setId"><id>3</id></action><action method="apply" /> <action method="setLocation"><location>xml</location></action> </block> </reference>
```

▲ Use this code in Custom Layout Update pages, for more details see [user guide link](#)

Use the marked XML code in the Wheels' category layout update.

Then open **Catalog > Manage Categories**, select the Wheels category, navigate to **Custom Design** tab and look for **Custom Layout Update**. Insert the code.

Custom Design		
Use Parent Category Settings	<input type="text" value="No"/>	[STORE VIEW]
Apply To Products	<input type="text" value="No"/>	[STORE VIEW]
Custom Design	<input type="text" value="-- Please Select --"/>	[STORE VIEW]
Active From	<input type="text"/> 	[STORE VIEW]
Active To	<input type="text"/> 	[STORE VIEW]
Page Layout	<input type="text" value="1 column"/>	[STORE VIEW]
Custom Layout Update	<pre>&lt;reference name="content"&gt;&lt;block type="amfinder/form" name="amfinder89" before="-" &gt; &lt;action method="setId"&gt; &lt;id&gt;3&lt;/id&gt;&lt;/action&gt; &lt;action method="apply" /&gt; &lt;action method="setLocation"&gt;&lt;location&gt;xml&lt;/location&gt;&lt;/action&gt; &lt;/block&gt; &lt;/reference&gt;</pre>	[STORE VIEW]

Hit **Save Category** and it's done.

### Step 5. Checking the result

When you open the **Wheels** category in the store front, you can see the **Finder block**.

HOME / WHEELS

<b>Make</b> Please Select . v	<b>Model</b> v	<b>Diameter</b> v
----------------------------------	-------------------	----------------------

### WHEELS

SORT BY: Position v ↑ VIEW AS: [Grid Icon] [List Icon] 8 Wheelion Item(s) SHOW: 12 v



AUDI A5 19" MATTE STRIPE  
\$880.00

[ADD TO CART](#)  
[Add to Wishlist](#)  
[Add to Compare](#)



AUDI A5 19" SILVER CROSS  
\$900.00

[ADD TO CART](#)  
[Add to Wishlist](#)  
[Add to Compare](#)



AUDI A5 19" DOUBLE STRING  
\$980.00

[ADD TO CART](#)  
[Add to Wishlist](#)  
[Add to Compare](#)



CHEVROLET TRAX 18" CLAMP  
\$680.00

[ADD TO CART](#)  
[Add to Wishlist](#)  
[Add to Compare](#)

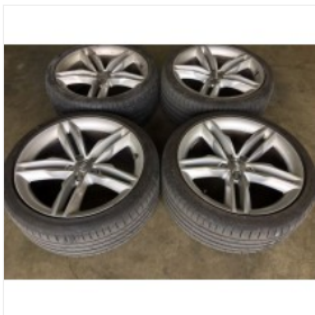
Since no selection is made all products from the category are displayed.

HOME / WHEELS

<b>Make</b> Audi v	<b>Model</b> A5 v	<b>Diameter</b> 19" v
<a href="#">FIND</a>	<a href="#">RESET</a>	

### WHEELS

SORT BY: Position v ↑ VIEW AS: [Grid Icon] [List Icon] 3 Item(s) SHOW: 12 v



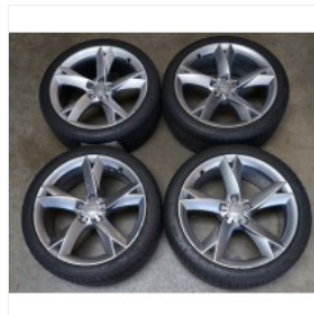
AUDI A5 19" DOUBLE STRING  
\$980.00

[ADD TO CART](#)  
[Add to Wishlist](#)  
[Add to Compare](#)



AUDI A5 19" MATTE STRIPE  
\$880.00

[ADD TO CART](#)  
[Add to Wishlist](#)  
[Add to Compare](#)



AUDI A5 19" SILVER CROSS  
\$900.00

[ADD TO CART](#)  
[Add to Wishlist](#)  
[Add to Compare](#)

SORT BY: Position v ↑ VIEW AS: [Grid Icon] [List Icon] 3 Item(s) SHOW: 12 v

Filtering, you can see only the products which SKUs you have assigned in a CSV file for **Audi - A5 - 19"** selection.

## General extension settings

Settings are located in: **System > Configuration > Amasty Extensions > Product Parts Finder**

The screenshot shows the 'General' settings panel for the Amasty Product Parts Finder extension. It contains several configuration options, each with a dropdown menu and a descriptive tooltip. The settings are as follows:

- Use `universal` products:** Set to 'Yes'. Tooltip: 'Allows to add set of products to any search, but might slow down the pages in some cases'.
- Display `Find` button when:** Set to 'At least one finder value is selected'.
- Show `universal` products last:** Set to 'No'.
- Apply filter for current category only:** Set to 'Yes'.
- Custom Destination URL:** An empty text input field. Tooltip: 'Eg. special-category.html In most cases you don't need to set it. Useful when you want to redirect all search results to one category. It's NOT the url key. You can modify /amfinder/ url key in app/code/local/Amasty/Finder/etc/config.xml'.
- Use Param in URL:** Set to 'Yes'. Tooltip: 'After search add a param in the url, so customers can bookmark the search results'.
- Start search when value in the last dropdown is selected:** Set to 'No'.
- Reset finder to:** Set to 'To Home Page'.
- Clear other (previous) finders conditions:** Set to 'No'. Tooltip: 'Useful when you have 2 or more finders at the same page.'.
- Do Not Apply Finders on Site Search:** Set to 'No'.
- Redirect to product page when there is only one product in result:** Set to 'No'. Tooltip: 'Note! Please make sure Finder block is present not only on a category you are filtering before enabling this option.'.

- **Use `universal` products** - this setting enables and disables **Universal** products in one click.
- **Display `Find` button when** - here you can set when to show the **Find** button, only when all dropdowns are selected or when only one dropdown is selected.
- **Show `universal` products last** - when enabled, **Universal** products will be put in the end of filtered results.
- **Apply filter for current category only** - useful when you have one **Finder** instance across

the whole store, but you don't want to save the selection a customer made when he/she browses the entire catalog.

- **Custom Destination URL** - sets the destination for **Find** button redirect. Can be set individually for each **Finder** instance.
- **Use Param in URL** - controls whether to add or not to add **Finder** search parameters in the URL.
- **Start search when the value in the last dropdown is selected** - when enabled, the **Finder** will start searching as soon as the value in the last dropdown is selected. Otherwise, the search will commence only after hitting the **Find** button.
- **Reset finder to** - sets the destination of **Reset** button.
- **Clear other (previous) finders conditions** - when enabled and you have more than one **Finder** instance on the page, only selection in the active instance will apply filtering, all other **Finders** will be reset.
- **Do Not Apply Finders on Site Search** - when disabled, filtering will work on Catalog Search Results page too.
- **Redirect to product page when there is only one product in results** - when enabled, it automatically redirects to the corresponding product page if there is only one product left after filtering.

Display Filter Options Product Is Compatible With	Yes
	▲ Set 'Yes' to display finder filter options product is compatible with at the product page in the separate tab.
Title	Compatibility

**Display Compatible Options At The Product Page** - Enable the feature to display a compatibility tab on a product page. The tab displays all the finder's options, the product is compatible with. The tab is active on the product pages after a search by Finder.

Set the **Title** of the compatibility tab. The tab is displayed on the product pages.

Import	
Import history lifetime (days)	30
Max rows per import	1000

- **Import history lifetime (days)** - sets the lifetime of import error log.
- **Max rows per import** - a batch size in lines which the import script will try to process at once.

## New Finder settings

### General settings

**General**

Title \*

Template \*

Add Finder to the Default Category

Category ▲ Keep 'Yes' to get the Finder working properly at the home and cms pages

Finder block visibility on the Default Category

▲ Keep 'Hide' to not display this finder block on the default category on the frontend. It is useful when there are several finders added to the default category but you need to display only one of them at the frontend.

- **Title** - name of the **Finder** instance.
- **Template** - select from two available templates (*horizontal, vertical*) which determine how the **Finder** block will look on store pages.

It is set to *horizontal* (which is responsive) by default.

- **Add finder to the Default Category** - Set to Yes to manager a proper filter's performance on default category.
- **Add the finder block in** - Place the product finder in particular themes, categories, and other locations. Possible options: **left, left\_first** (rwd theme), **right, content, footer**.

Add the finder block in

▲ Place the product finder in particular themes, categories, and other locations. Possible options: left, left\_first (rwd theme), right, content, footer.

Categories

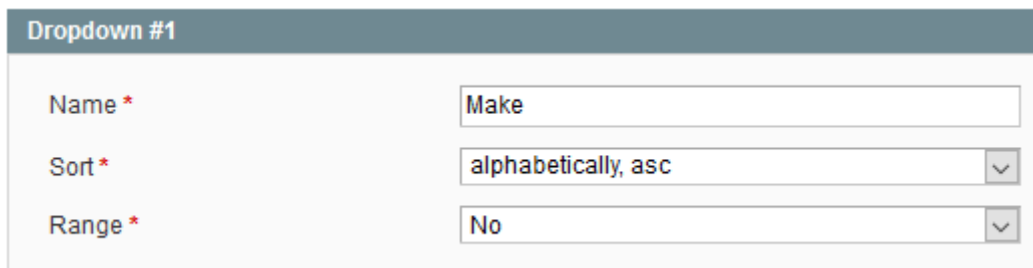
- Accessories
- Eyewear
- Jewelry
- Shoes
- Bags & Luggage
- Home & Decor
- Books & Music
- Bed & Bath
- Electronics
- Decorative Accents

Custom Destination URL

▲ E.g. special-category.html In most cases you don't need to set it. Useful when you have 2 or more finders and want to show search results at specific categories. It's NOT the url key. You can modify /amfinder/ url key in app/code/local/Amasty/Finder/etc/config.xml

- **Category** - Multi-select categories, where a finder should be displayed;
- **Custom Destination URL** - sets the destination for the **Find** button redirect.

**Dropdown settings.** There is no limit to the number of dropdowns in a single **Finder** instance.



The image shows a configuration form titled "Dropdown #1". It contains three rows of settings:

- Name \***: A text input field containing the word "Make".
- Sort \***: A dropdown menu with "alphabetically, asc" selected.
- Range \***: A dropdown menu with "No" selected.

- **Name** - name of the dropdown in the **Finder** block.
- **Sort** - sort order for rows in dropdown
- **Range** - if you enable this option and then import the data for this dropdown using ranges like "2006-2017" in CSV, the **Finder** will automatically create rows for each individual value in the range.

---

## Import

You can import records in finder in two formats: **CSV** and **XLS (XLSX)**.

Deciding on CSV format is very simple: count the number of **dropdowns** you have and add one more for the **SKU** column. For example, if you have **three dropdowns**, adding **one** makes it **four-column CSV**. The same goes for **XLS** format.

There are two ways to import files into the Finder: manually from the Finder page or by uploading the file to the specific folder in the Magento directory. The latter is useful when you want to import a large file which your web-server might not allow to upload due to size restrictions.

To import files from the Folder in Magento you should put the file to the following directory:  
**/magento\_folder/media/amfinder/ftp\_import/finder\_id/**

**Finder Options**

- General
- Dropdowns
- Products
- Import**
- Import History
- Universal Products
- Universal Products Import
- Get Finder Code

**Edit Parts Finder 'Wheel Finder'** [Back] [Delete] [Save] [Save and Continue Edit]

**Upload Files**

Delete Existing Data: No

Click or drop files here

dropdown1, dropdown2, ..., SKU

Page 1 of 1 pages | View 20 per page | Total 1 records found [Load Files Uploaded by FTP]

Select All | Unselect All | Select Visible | Unselect Visible | 1 items selected | Actions [Submit]

Files are sorted by priority	Path	State	Errors	Mode	Run	Action
<input checked="" type="checkbox"/>	import.csv /magento_directory/media/amfinder /ftp_import/1/import.csv	Uploaded	0	Add Products	<input checked="" type="checkbox"/>	<input type="button" value="Import"/> <input type="button" value="Delete"/>

Please note that the **finder\_id** part in the path should be replaced with the ID of the Finder you want to import the file into. After the file upload is done, open the Finder and hit **Load Files Uploaded by FTP** in the **Import** tab and the file you've uploaded will appear ready to import.

## SKU bundling

If certain selection can output multiple different SKUs in the result, you can bundle these SKUs and import the whole thing in one line. Here's the example:

Make1,Model1,Year1,"sku1,sku2,sku3,sku4,sku5,sku6"

Make1,Model2,Year2,"sku3,sku4,sku5,sku6,sku7,sku8"

With these **two** lines Finder will generate **twelve** unique records, one for each Make-Model-Year-SKU combination.

Please note that bundling only works for SKUs

## Generating Range

By enabling Range in dropdown settings you'll be able to automatically generate records for numeric data, like a list of years.

**Dropdown #3**

Name \* Year

Sort \* numerically, asc

Range \* Yes

Now, when you import a CSV or XLS file you can simply define a range like **"2001-2017"** and it will generate 17 **records** automatically when the file is imported.

Here's how the CSV example may look like: Make1,Model1,"2001-2017",SKU1

The example above will create 17 records in the Finder database which will differ only by the Year value.

---

## How to manage compatibility with Smartwave Ajaxcatalog

1. To manage compatibility with *Smartwave Ajaxcatalog*, find and edit a file:

**app/code/local/Smartwave/Ajaxcatalog/controllers/Catalog/CategoryController.php**

2. After a line

```
$this->generateLayoutXml()->generateLayoutBlocks(); /*Generate new blocks*/
```

3. Add

```
/*compatibility with Amasty Finder*/  
$html = $this->getLayout()->createBlock('cms/block')  
->setBlockId(Mage::registry('current_category')->getLandingPage())  
->toHtml();
```

## Troubleshooter & How-to's

### Troubleshooting checklist

- **Make sure that the Finder block is displayed on the results page.** The Finder will filter products only if it is placed on the page. If you don't want it to be displayed you can hide it with CSS, but you still need to place the block on the results page.
- **Make sure that there are products to filter on the page which the Finder uses to display results.** The Finder works as a product filter. If there are no products to filter from the Finder won't be able to do much.
- **Hit the 'Save' button in the Finder one more time.** Will prove useful if you've added records in the Finder first and only after that imported products in your Catalog. Hitting **Save** button will make the Finder to "bind" SKUs in the Finder with the SKUs in your Catalog.

### How to add Finder block to a category

Open the following file:

**\app\design\frontend\base\default\layout\amfinder.xml**

[There you can find commented part of example code:](#)

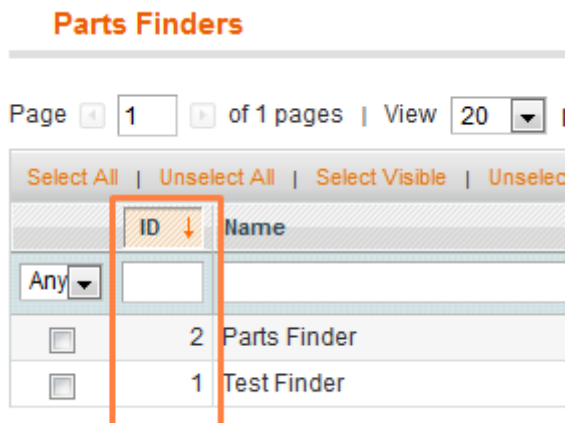
```
35 .....</block>¶
36 .....</block>¶
37 .....</reference>¶
38 .....</amfinder_index_index>¶
39 .....¶
40 <!--...¶
41 .....¶
42 .....<catalog_category_default>¶
43 .....<reference name="content">¶
44 .....<block type="amfinder/form" name="amfinder89" before="category.products">¶
45 .....<action method="setId"><id>1</id></action>...¶
46 .....<action method="apply" />¶
47 .....</block>¶
48 .....</reference>¶
49 .....</catalog_category_default>¶
50 .....¶
51 .....<catalog_category_layered>¶
52 .....<reference name="content">¶
53 .....<block type="amfinder/form" name="amfinder89" before="category.products">¶
54 .....<action method="setId"><id>1</id></action>...¶
55 .....<action method="apply" />¶
56 .....</block>¶
57 .....</reference>¶
58 .....</catalog_category_layered>¶
59 -->¶
60 ¶
61 </layout>»
```

Simply move the XML comment marked above like this:

```
35 .....</block>¶
36 .....</block>¶
37 .....</reference>¶
38 .....</amfinder_index_index>¶
39 .....¶
40 <!--...¶
41 .....¶
42 .....<catalog_category_default>¶
43 .....<reference name="content">¶
44 .....<block type="amfinder/form" name="amfinder89" before="category.products">¶
45 .....<action method="setId"><id>1</id></action>...¶
46 .....<action method="apply" />¶
47 .....</block>¶
48 .....</reference>¶
49 .....</catalog_category_default>¶
50 -->¶
51 .....<catalog_category_layered>¶
52 .....<reference name="content">¶
53 .....<block type="amfinder/form" name="amfinder89" before="category.products">¶
54 .....<action method="setId"><id>1</id></action>...¶
55 .....<action method="apply" />¶
56 .....</block>¶
57 .....</reference>¶
58 .....</catalog_category_layered>¶
59 ¶
60 ¶
61 </layout>»
```

This will add finder with ID=1 to a top of a category page. If you want to place here the finder with a different ID simply replace the **1** inside **id** tag with the ID of your finder. You can check finder IDs on

the **Parts Finder** grid:



Save changes and flush Magento cache. Done!

### How to add Finder block to other places

In the same exact file as before:

**\app\design\frontend\base\default\layout\amfinder.xml**

Find the same exact code:

```

35 .....</block>¶
36 .....</block>¶
37 .....</reference>¶
38 .....</amfinder_index_index>¶
39 .....¶
40 <!--...¶
41 .....¶
42 .....<catalog_category_default>¶
43 .....<reference name="content">¶
44 .....<block type="amfinder/form" name="amfinder89" before="category.products">¶
45 .....<action method="setId"><id>1</id></action>...¶
46 .....<action method="apply" />¶
47 .....</block>¶
48 .....</reference>¶
49 .....</catalog_category_default>¶
50 .....¶
51 .....<catalog_category_layered>¶
52 .....<reference name="content">¶
53 .....<block type="amfinder/form" name="amfinder89" before="category.products">¶
54 .....<action method="setId"><id>1</id></action>...¶
55 .....<action method="apply" />¶
56 .....</block>¶
57 .....</reference>¶
58 .....</catalog_category_layered>¶
59 --->¶
60 .....¶
61 </layout>»

```

Move the comment marking and see the marked part of the code:

```
35 .....</block>¶
36 .....</block>¶
37 .....</reference>¶
38 ....</amfinder_index_index>¶
39 ....¶
40 <!--¶
41 ....¶
42 ....<catalog_category_default>¶
43 .....<reference name="content">¶
44 .....<block type="amfinder/form" name="amfinder89" before="category.products">¶
45 .....<action method="setId"><id>1</id></action>....¶
46 .....<action method="apply" />¶
47 .....</block>¶
48 .....</reference>¶
49 ....</catalog_category_default>¶
50 --->¶
51 ....<catalog_category_layered>¶
52 .....<reference name="content">¶
53 .....<block type="amfinder/form" name="amfinder89" before="category.products">¶
54 .....<action method="setId"><id>1</id></action>....¶
55 .....<action method="apply" />¶
56 .....</block>¶
57 .....</reference>¶
58 ....</catalog_category_layered>¶
59 ¶
60 .¶
61 </layout>¶
```

This is where we define the place for the Finder block on the page by changing the **content**.

Instructions below are for **Magento RWD** theme. If you use a custom theme then the reference names may be different.

Since we're using **catalog\_category\_layered** we should look for it in the theme files. In case it's RWD, here: /app/design/frontend/rwd/default/layout/catalog.xml

Here are our **reference** options:

```
115 ....<catalog_category_layered translate="label">¶
116 .....<label>Catalog Category (Anchor)</label>¶
117 .....<reference name="left_first">¶
118 .....<block type="catalog/layer_view" name="catalog.leftnav" after="currency" ·
119 .....<block type="core/text_list" name="catalog.leftnav.state.renderers" a
120 .....</block>¶
121 .....</reference>¶
122 .....<reference name="content">¶
123 .....<block type="catalog/category_view" name="category.products" ·
124 .....<block type="catalog/product_list" name="product_list" ·
125 .....<block type="core/text_list" name="product_list.name.after" as="n
126 .....<block type="core/text_list" name="product_list.after" as="after"
127 .....<!--<action ·
128 .....<block type="catalog/product_list_toolbar" name="product_list_too
129 .....</block>¶
```

It looks like we can put the Finder block in the product list or in the left sidebar. The Sidebar is a good

option, let's try it.

To add the Finder block to a sidebar we need to change the **reference** value to **left\_first**. Also, we want to place the Finder before the navigation block. Since from the look of catalog.xml we know that navigation's block name is **catalog.leftnav** all we need to do is to mark that we want the Finder block to be placed before **catalog.leftnav**.

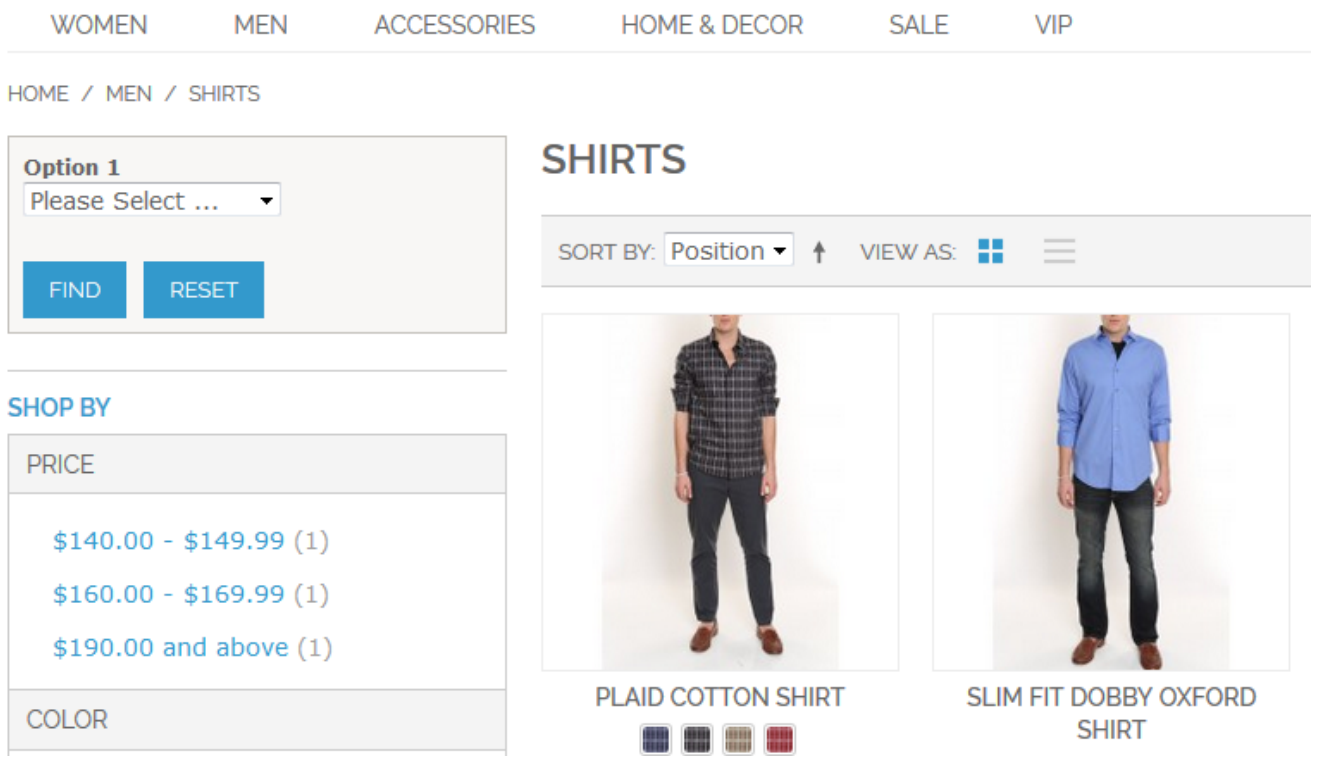
Here's how the code will look like with the changes applied above:

```

48 .....</reference>·¶
49 .....</catalog_category_default>¶
50 --->¶
51 .....<catalog_category_layered>¶
52 .....<reference name="left first">·¶
53 .....<block type="amfinder/form" name="amfinder89" before="catalog.leftnav">¶
54 .....<action method="setId"><id>1</id></action>.....¶
55 .....<action method="apply" />¶
56 .....</block>¶
57 .....</reference>·¶
58 .....</catalog_category_layered>¶
59 ¶
60 -¶
61 </layout>¶

```

And here's the result of our work:



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Permanent link: [https://stg.amasty.net/docs/doku.php?id=magento\\_1:product-parts-finder](https://stg.amasty.net/docs/doku.php?id=magento_1:product-parts-finder)

Last update: 2019/07/22 13:53

