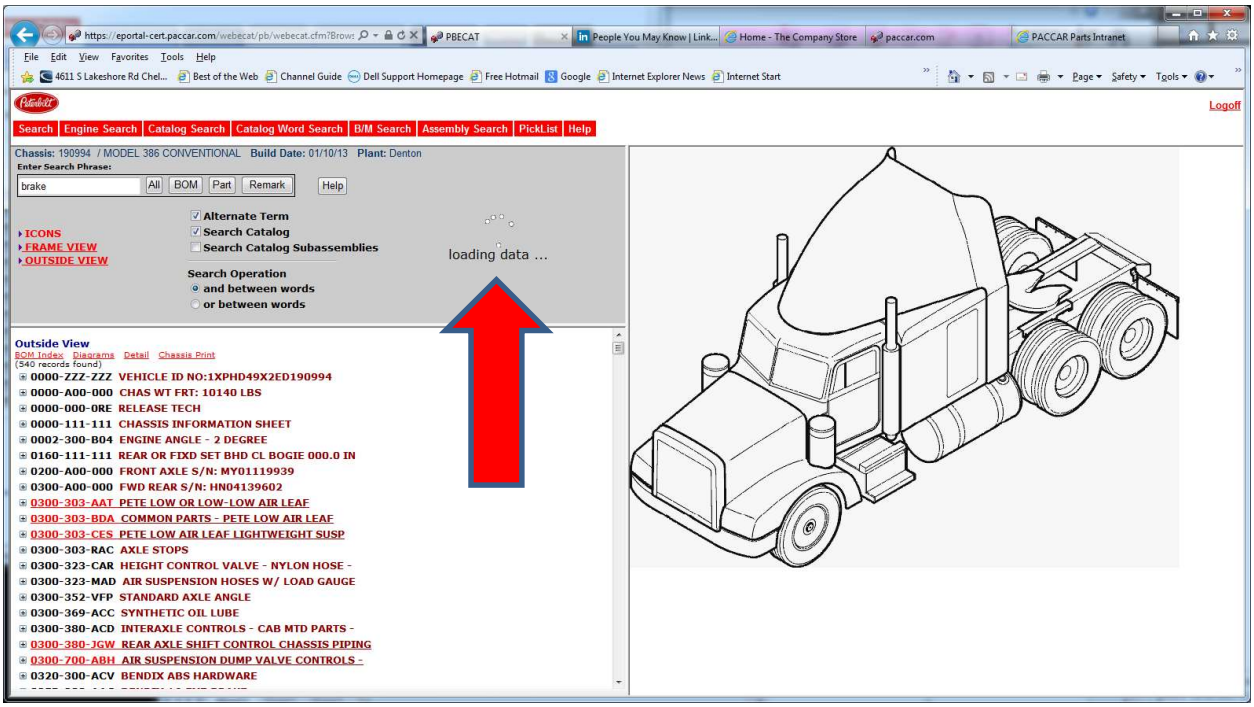
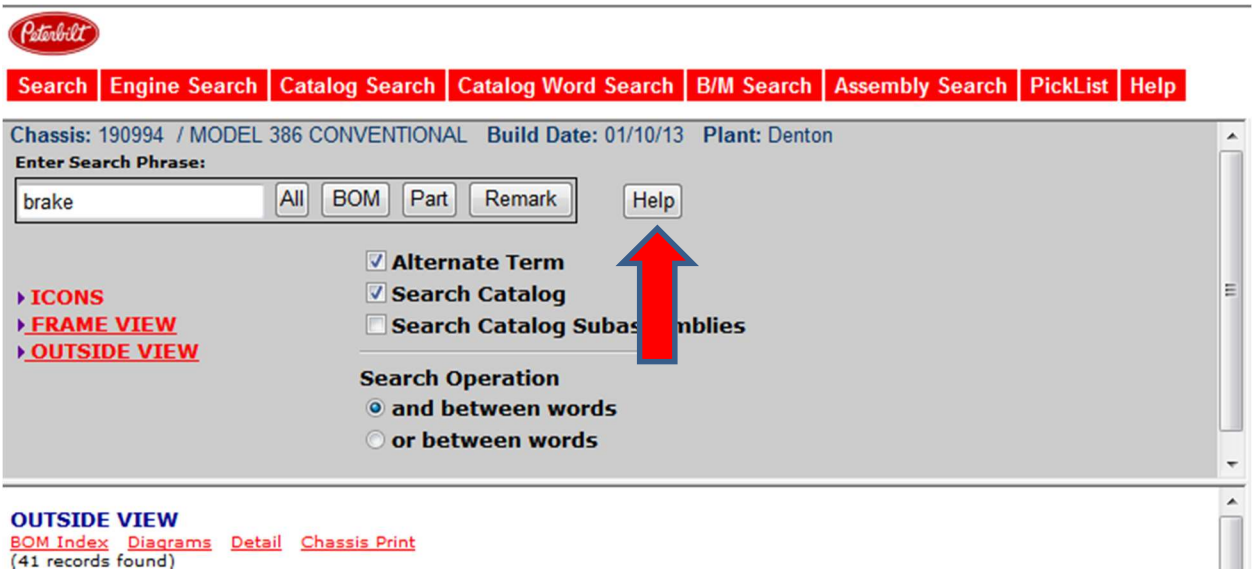
Peterbilt ECAT Enhanced Search

The new search will provide a more complete and accurate return. The old search capability limited the return to data in the **F**inal **C**hassis **B**ill of **M**aterial (**FCBM**-more detail on this below) whereas the new search returns matches in the FCBM and the linked Catalog pages. The new search goes much deeper into the content of ECAT. Given the amount of data searched the return will take longer. We think the more complete and accurate return will be worth the 5-10 seconds of "loading data" observed waiting for the return.

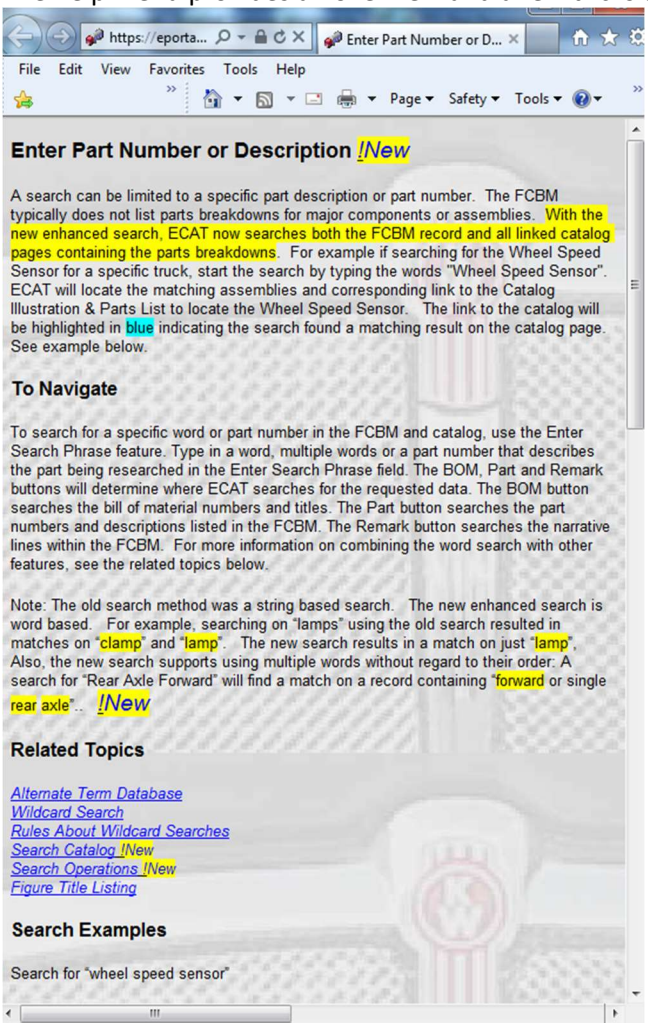


Help Menu

For an overview of the new search capability please access the help menu.



The help menu provides an overview and a few tricks to get the most from your search.



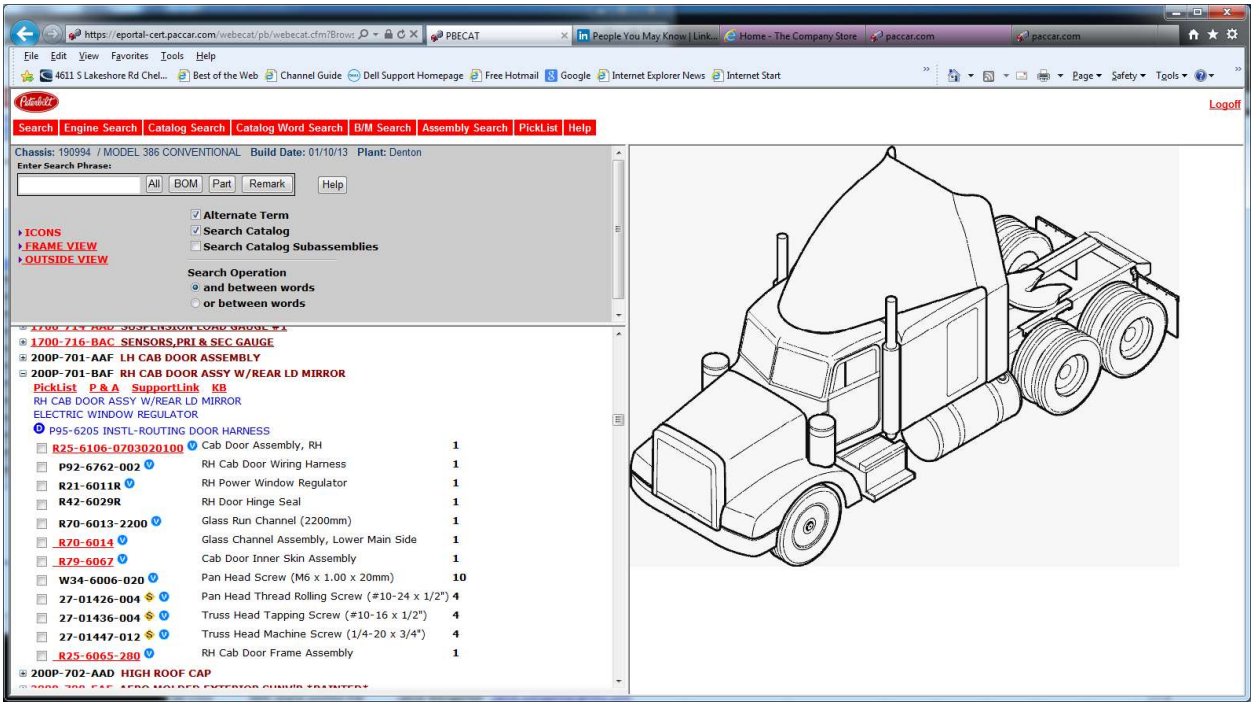
FCBM and Catalog

Until now word and part number searches scanned the Final Chassis Bill of Material (FCBM) for the item searched. The FCBM includes only the Bill of Materials (BOM) listed, their descriptions and what is shown when a bill is expanded by clicking on the "+". The search was unable to look into the linked Catalog pages and sub-assemblies from hereon called the **Catalog**. The catalog contains the linked pages with parts lists and illustrations. This is why the new search time will be longer, and again, more complete.

String Vs Word based Search

Word and part number searches were "string based" meaning if that combination of letters or numbers was found it would be returned as part of the search. Examples would be if CAB is searched the return would include CAB, CABINET and CABLE. If P92 was searched the return would include all part numbers with P92 in them (P92-4836-09N1000, P92JAE10L8Q0AW0HA0, A16P921589 etc) A search for LAMP would return LAMP and CLAMP. Searches are no longer string based so the return is only the word or part searched. To duplicate the old string based search a wildcard (*) must be used after the term. If the desired return is all P92 part numbers then the search must be for P92*. If all words including CAB is desired search CAB*. The return will likely include Cabinet and Cable. The word or part number searched will always show highlighted in **yellow.** Links to pages with that word will show in **blue.**

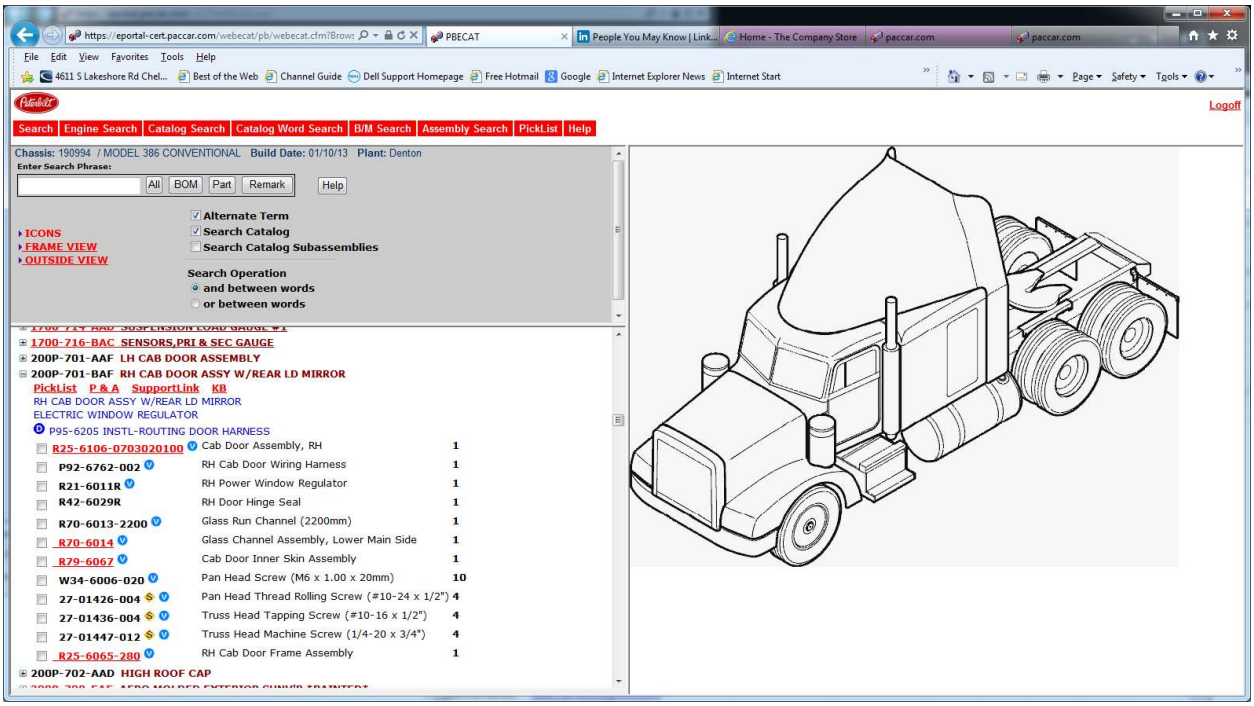
The expanded (opened by clicking the +) FCBM is below. The "old" search would go no farther than searching this data in each Bill of Material (BOM) and BOM title.



The red hyperlink for assembly

connects the user to a catalog page. Until now a search would not include the data in the catalog page.

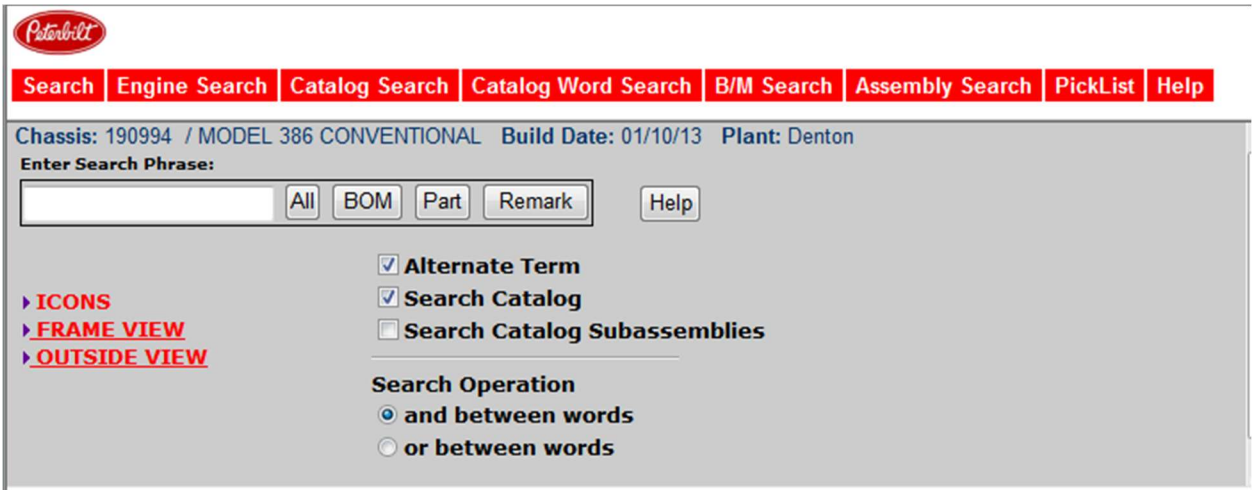
Catalog Page:



How to Search

The new search default has the “Alternative Term” and “Search Catalog” boxes checked. The search operation has the “and between words” selected.

Search Default:



Check Box Selections - Default

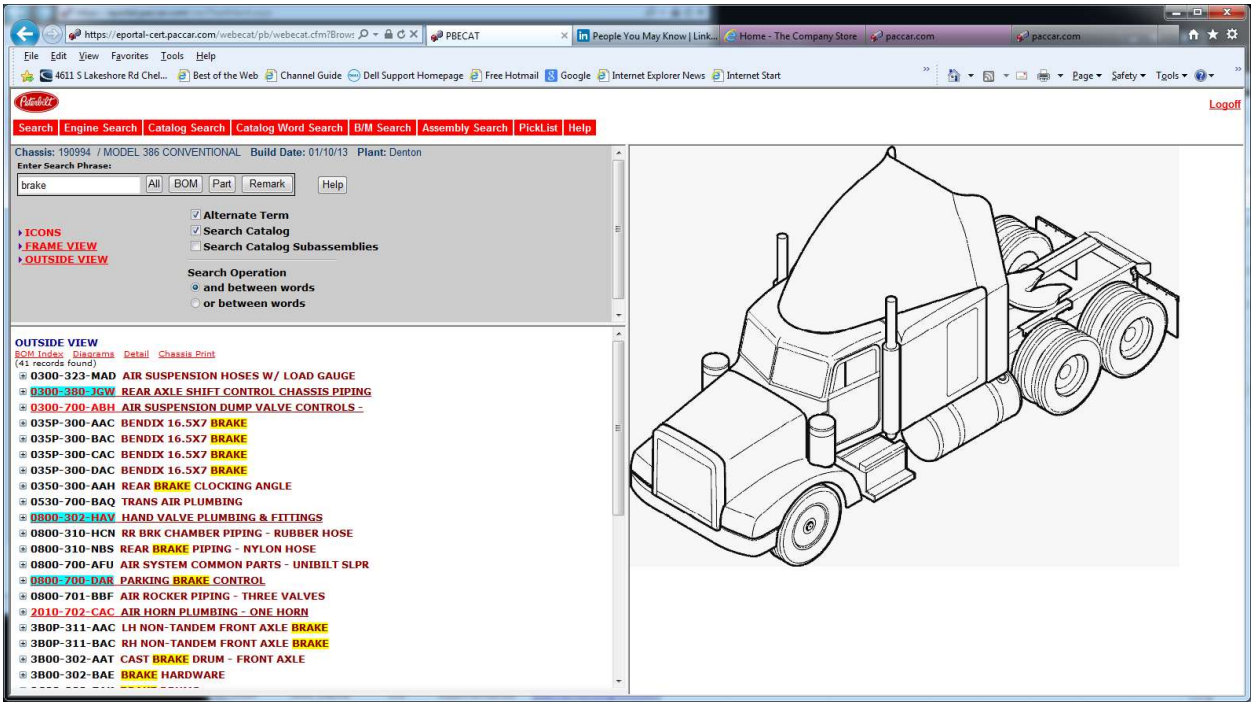
Alternate Term When the Alternative Term box is checked the return will include terms loaded in a database that are often used to mean the same thing. Examples could be if lite is searched your return would include light, lght and lt. If tank is searched the return would include tnk. It is recommended this box stay checked.

Search Catalog When this box is checked your search includes the FCBM and first level catalog page. If this box is not checked the return will be similar to the old search that includes ONLY the FCBM. It is recommended this box stay checked. The search time will be a little longer than the old search but the results will include more relevant data.

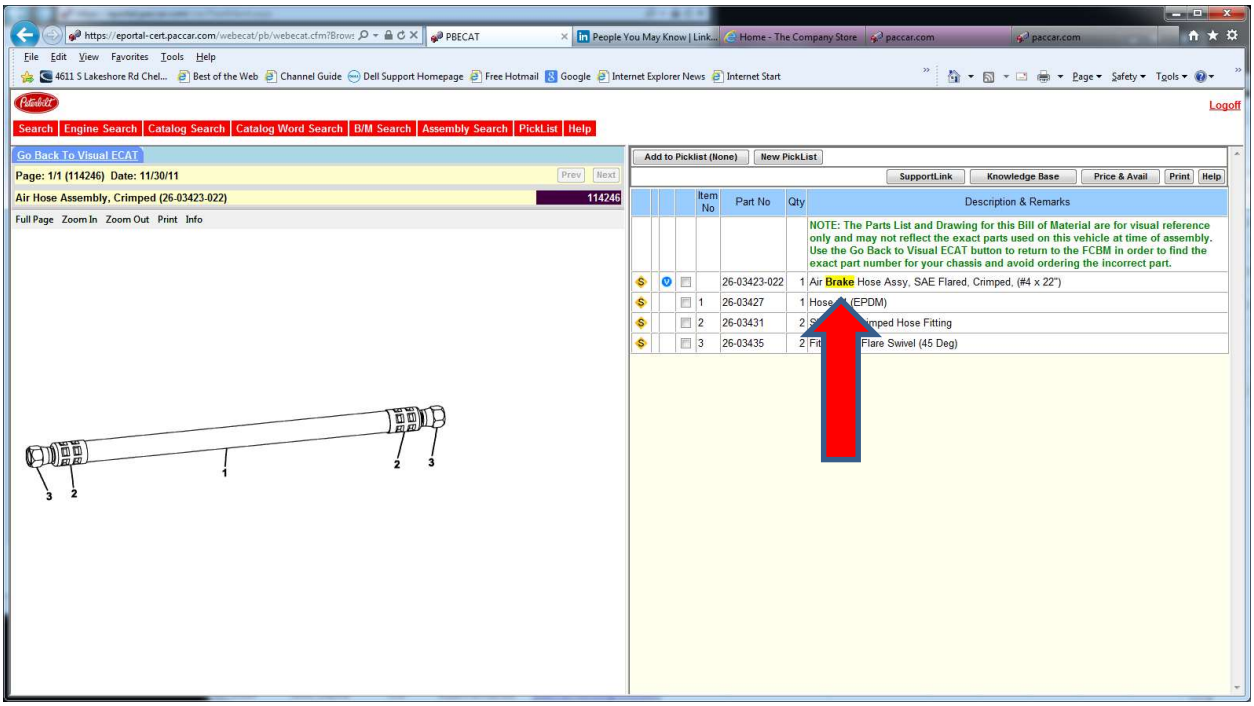
Search Operation

and between words If one word is searched your return will include that word wherever found in either the FCBM or the Catalog (assuming default search). If more than one word are searched the return will include where those two words are found (any order) in the same line of either the FCBM or Catalog Page. As an example, if Fuel Tank is searched the return will include Fuel Tank and Tank Fuel if on the same line. The return could also include Fuel Tnk or Tnk Fuel.

Example of a search for BRAKE with default boxes checked.

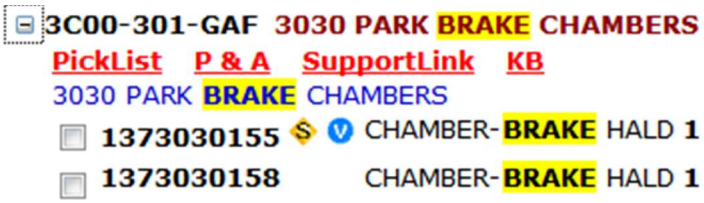


Those in **blue** are links to a catalog page that includes the word BRAKE. See BRAKE below on line 1 of Catalog page.



Those BOM's not in blue have either BRAKE in the Bill of Material Title AND/OR in the content of the Bill itself. BOM 3C00-301-GAF has BRAKE in the BOM title and in the content of the Bill (to expand a Bill click ONLY on the + sign).

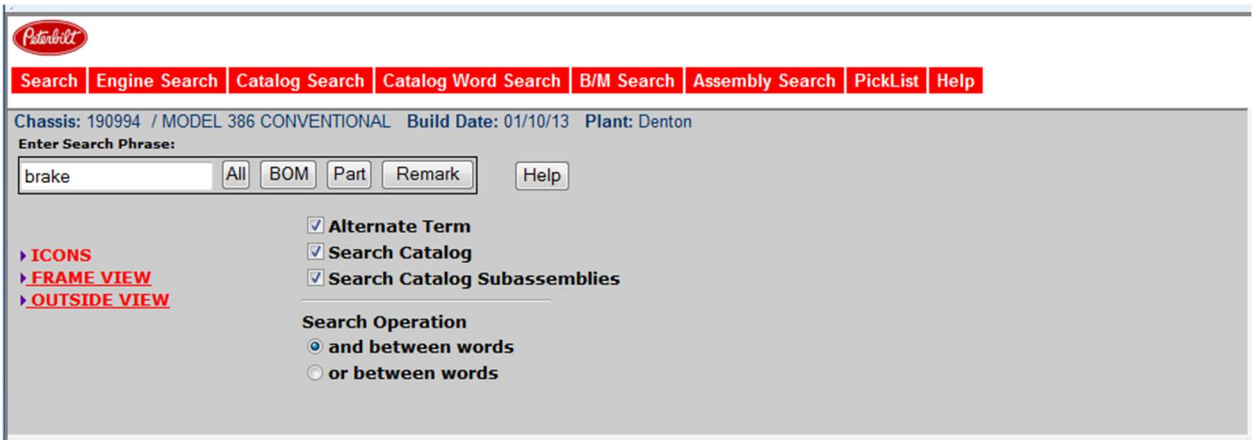
In the example below BRAKE is both in the BOM title and contents of the Bill.



Check Box Selections –Optional Search Catalog Subassemblies

When catalog subassemblies are searched the return will be even greater but will also take longer. It is recommended that this box be checked if the default return does not include what is needed.

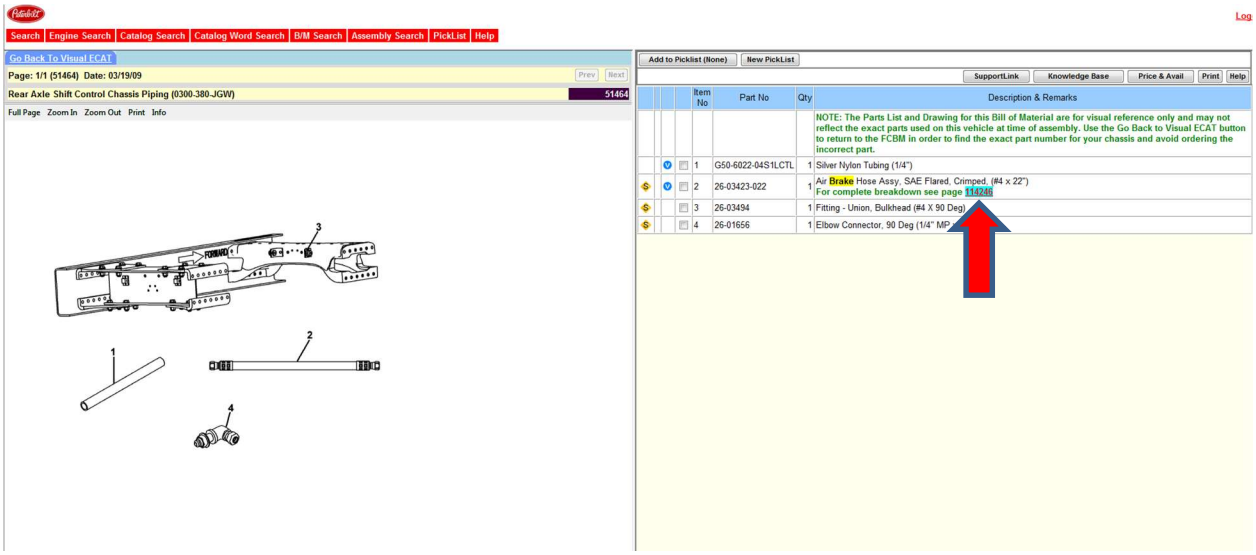
Catalog subassemblies are hyperlinks to catalog pages from an open catalog page.



This search will be more complete but take longer. The search will include catalog pages (1st layer) and linked catalog pages inside of pages.

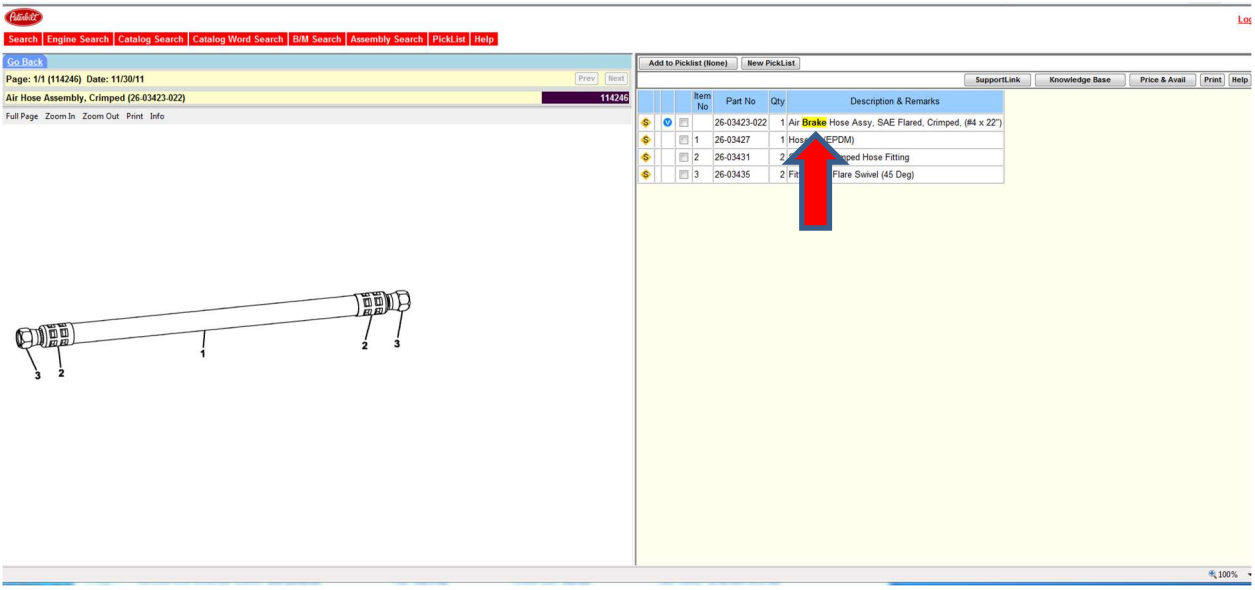
The first page will display when BOM 0051-800-J76 is clicked.

Click Link to open a Catalog Page



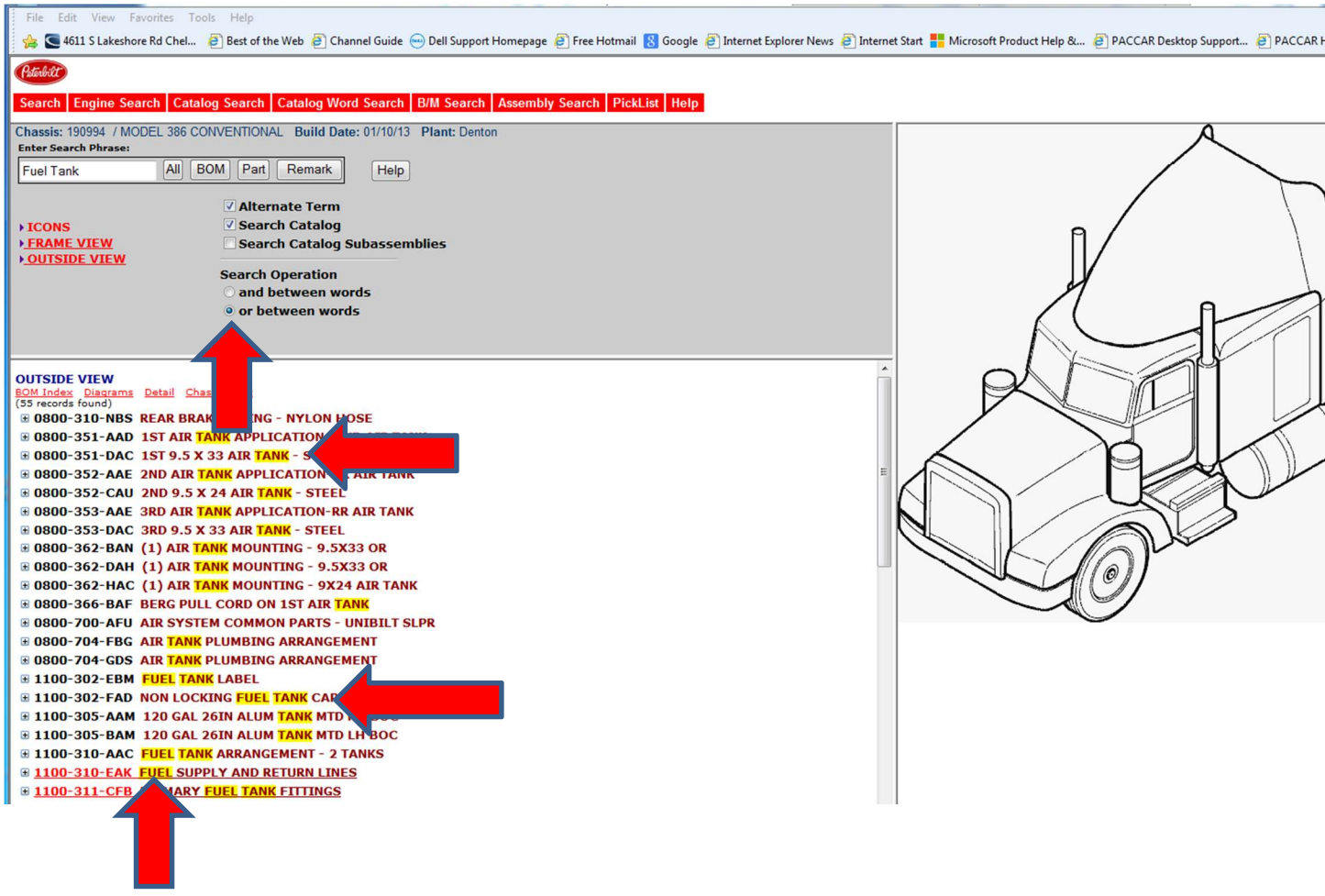
Note that there is a subassembly link in blue linking to another page including BRAKE. See BRAKE on the subassembly page below in yellow. This is data that was not returned in an FCBM search only.

Subassembly page with BRAKE



Check Box Selections –Optional <u>or between words</u>

Searching two words using this function will return any BOM or Catalog page where the words are together or separate. The search below included “fuel” and “tank”. The return includes BOM’s and catalog pages where the words appear together or on separate BOMs or page links.



Key Takeaways

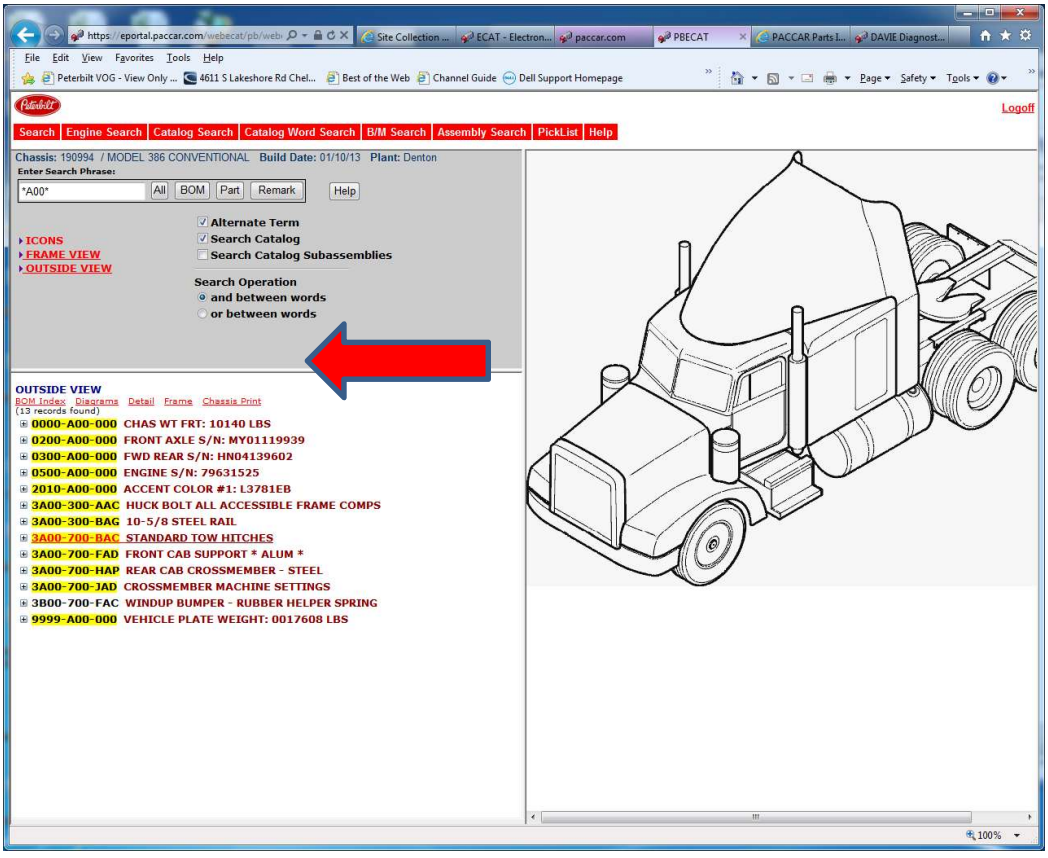
- Linked ECAT pages are now part of the search. Old search included BOM titles and BOM content only.

- The word or part number searched for will show in yellow a linked page will be in blue with red underscore
- Search will take longer but results will be more complete and accurate
- Use a wildcard (*) to search for partial words or part numbers (P92*).
- Start with recommended Defaults checked. If a deeper search into subassemblies is needed click that checkbox.

Using Wildcards

The new search is not string based so cab will not return cabinet and cable. A search for P92 would return all P92-xxxx in the FCBM. To get this result with the new search it is necessary to use a wildcard. P92* will return all P92-xxxx in the FCBM and Catalog Pages.

To search BOM numbers (2600-A00-A05) or groups of BOM's (all A00) it is necessary to use the wild card before and after the number searched. If the desired search is for all BOM's with A00, search *A00*.



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