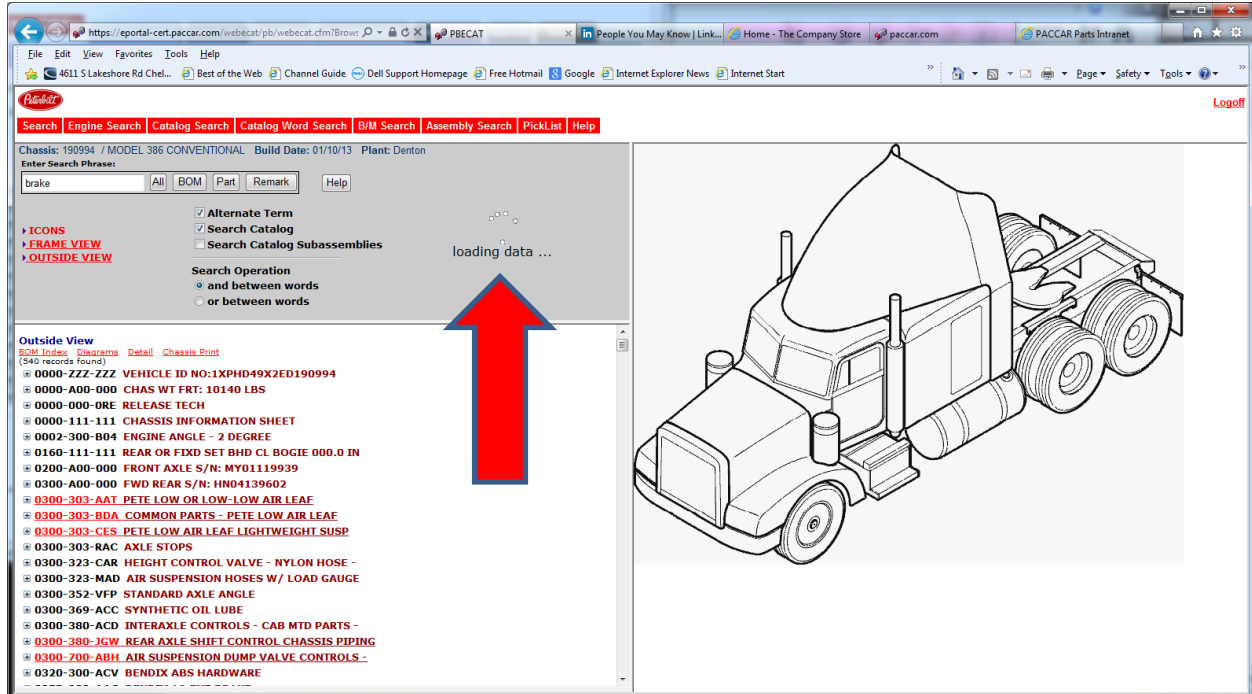


# Peterbilt ECAT Enhanced Search

The new search will provide a more complete and accurate return. The old search capability limited the return to data in the **Final Chassis Bill of Material (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.



[Search](#) [Engine Search](#) [Catalog Search](#) [Catalog Word Search](#) [B/M Search](#) [Assembly Search](#) [PickList](#) [Help](#)

Chassis: 190994 / MODEL 386 CONVENTIONAL Build Date: 01/10/13 Plant: Denton

Enter Search Phrase:

brake

All

BOM

Part

Remark

Help

- Alternate Term
- Search Catalog
- Search Catalog Subassemblies

▶ [ICONS](#)

▶ [FRAME VIEW](#)

▶ [OUTSIDE VIEW](#)

Search Operation

- and between words
- or between words

## OUTSIDE VIEW

[BOM Index](#) [Diagrams](#) [Detail](#) [Chassis Print](#)  
(41 records found)

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

**Enter Part Number or Description !New**

A search can be limited to a specific part description or part number. The FCBM typically does not list parts breakdowns for major components or assemblies. With the new enhanced search, ECAT now searches both the FCBM record and all linked catalog pages containing the parts breakdowns. For example if searching for the Wheel Speed Sensor for a specific truck, start the search by typing the words "Wheel Speed Sensor". ECAT will locate the matching assemblies and corresponding link to the Catalog Illustration & Parts List to locate the Wheel Speed Sensor. The link to the catalog will be highlighted in blue indicating the search found a matching result on the catalog page. See example below.

### To Navigate

To search for a specific word or part number in the FCBM and catalog, use the Enter Search Phrase feature. Type in a word, multiple words or a part number that describes the part being researched in the Enter Search Phrase field. The BOM, Part and Remark buttons will determine where ECAT searches for the requested data. The BOM button searches the bill of material numbers and titles. The Part button searches the part numbers and descriptions listed in the FCBM. The Remark button searches the narrative lines within the FCBM. For more information on combining the word search with other features, see the related topics below.

Note: The old search method was a string based search. The new enhanced search is word based. For example, searching on "lamps" using the old search resulted in matches on "clamp" and "lamp". The new search results in a match on just "lamp". Also, the new search supports using multiple words without regard to their order. A search for "Rear Axle Forward" will find a match on a record containing "forward" or single rear axle". !New

### Related Topics

- [Alternate Term Database](#)
- [Wildcard Search](#)
- [Rules About Wildcard Searches](#)
- [Search Catalog !New](#)
- [Search Operations !New](#)
- [Figure Title Listing](#)

### Search Examples

Search for "wheel speed sensor"

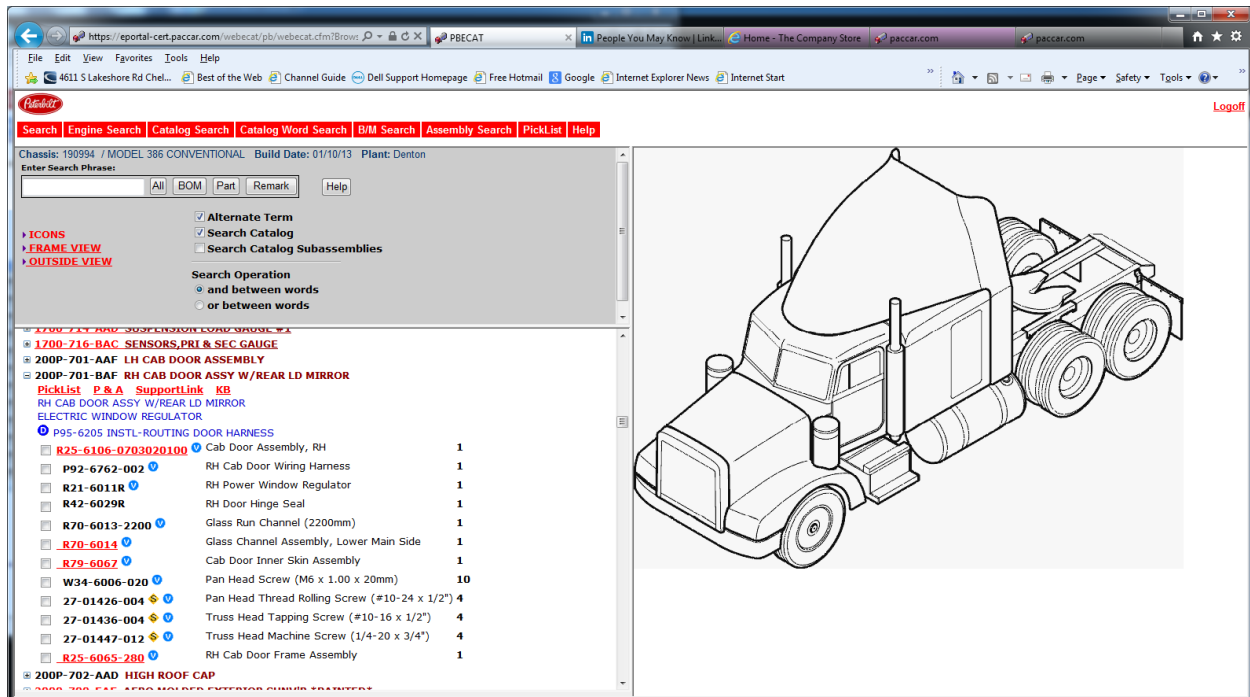
## FCBM and Catalog

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.



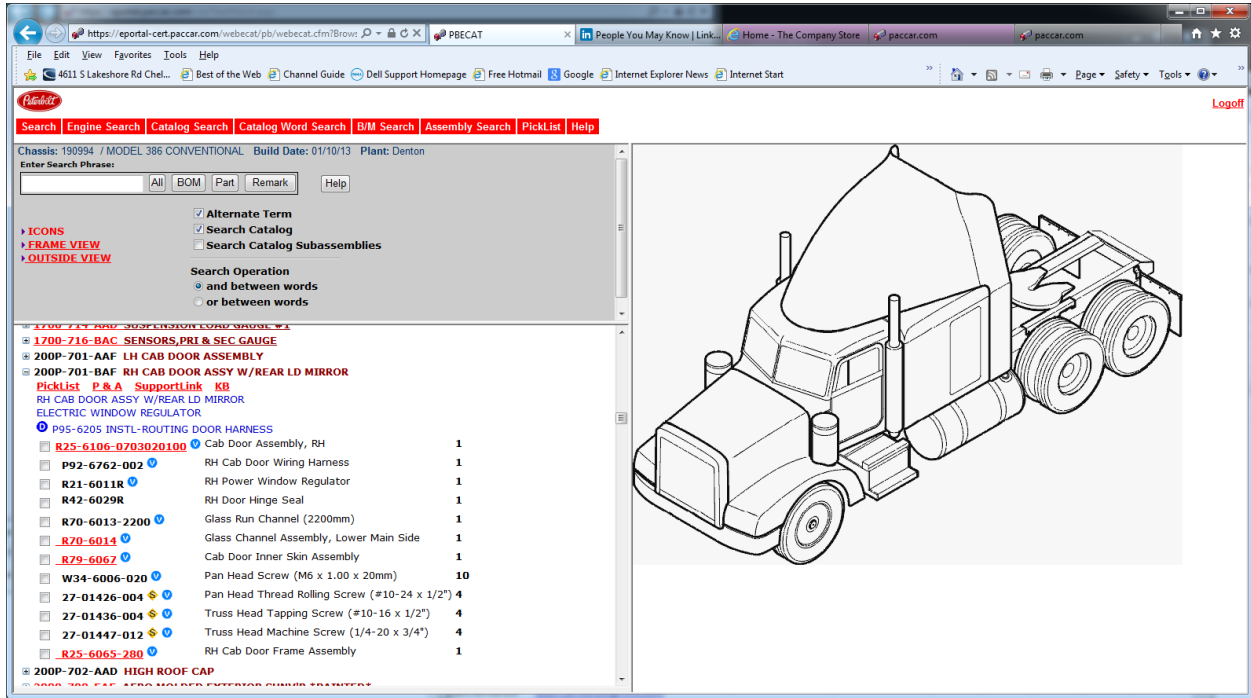
The screenshot shows the PBECAT web application interface. The browser address bar displays the URL: <https://eportal-cert.paccar.com/webecat/pb/webecat.cfm?Browse>. The page title is "PBECAT". The navigation menu includes: Search, Engine Search, Catalog Search, Catalog Word Search, B/M Search, Assembly Search, PickList, and Help. The main content area shows search results for a chassis (190994 / MODEL 386 CONVENTIONAL, Build Date: 01/10/13, Plant: Denton). The search phrase is "Enter Search Phrase:". The search results are displayed in a table format, listing part numbers, descriptions, and quantities. The parts list includes:

Part Number	Description	Quantity
R25-6106-0703020100	Cab Door Assembly, RH	1
P92-6762-002	RH Cab Door Wiring Harness	1
R21-6011R	RH Power Window Regulator	1
R42-6029R	RH Door Hinge Seal	1
R70-6013-2200	Glass Run Channel (2200mm)	1
R70-6014	Glass Channel Assembly, Lower Main Side	1
R79-6067	Cab Door Inner Skin Assembly	1
W34-6006-020	Pan Head Screw (M6 x 1.00 x 20mm)	10
27-01426-004	Pan Head Thread Rolling Screw (#10-24 x 1/2")	4
27-01436-004	Truss Head Tapping Screw (#10-16 x 1/2")	4
27-01447-012	Truss Head Machine Screw (1/4-20 x 3/4")	4
R25-6065-280	RH Cab Door Frame Assembly	1

The right side of the page displays a 3D wireframe model of a truck chassis, showing the cab, engine, and rear axle assembly.

The red hyperlink for assembly  [R25-6106-0703020100](#)  Cab Door Assembly, RH 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:



[Search](#) | [Engine Search](#) | [Catalog Search](#) | [Catalog Word Search](#) | [B/M Search](#) | [Assembly Search](#) | [PickList](#) | [Help](#)

Chassis: 190994 / MODEL 386 CONVENTIONAL Build Date: 01/10/13 Plant: Denton

Enter Search Phrase:

**Alternate Term**  
 **Search Catalog**  
 **Search Catalog Subassemblies**

**Search Operation**  
 **and between words**  
 **or between words**

▶ **ICONS**  
 ▶ **FRAME VIEW**  
 ▶ **OUTSIDE VIEW**

## 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.**

Chassis: 190994 / MODEL 386 CONVENTIONAL Build Date: 01/10/13 Plant: Denton

Enter Search Phrase: brake

Alternate Term  
 Search Catalog  
 Search Catalog Subassemblies

Search Operation  
 and between words  
 or between words

**OUTSIDE VIEW**  
[BOM Index](#) [Disassemblies](#) [Detail](#) [Chassis Print](#)  
 (41 records found)

- 0300-323-MAD AIR SUSPENSION HOSES W/ LOAD GAUGE
- 0300-380-JGW REAR AXLE SHIFT CONTROL CHASSIS PIPING
- 0300-700-ABH AIR SUSPENSION DUMP VALVE CONTROLS -
- 035P-300-AAC BENDIX 16.5X7 **BRAKE**
- 035P-300-BAC BENDIX 16.5X7 **BRAKE**
- 035P-300-CAC BENDIX 16.5X7 **BRAKE**
- 035P-300-DAC BENDIX 16.5X7 **BRAKE**
- 0350-300-AAH REAR **BRAKE** CLOCKING ANGLE
- 0530-700-BAQ TRANS AIR PLUMBING
- 0800-302-HAV HAND VALVE PLUMBING & FITTINGS
- 0800-310-HCN RR BRK CHAMBER PIPING - RUBBER HOSE
- 0800-310-NBS REAR **BRAKE** PIPING - NYLON HOSE
- 0800-700-AFU AIR SYSTEM COMMON PARTS - UNIBILT SLPR
- 0800-700-DAR PARKING **BRAKE** CONTROL
- 0800-701-BBF AIR ROCKER PIPING - THREE VALVES
- 2010-702-CAC AIR HORN PLUMBING - ONE HORN
- 380P-311-AAC LH NON-TANDEM FRONT AXLE **BRAKE**
- 380P-311-BAC RH NON-TANDEM FRONT AXLE **BRAKE**
- 3800-302-AAT CAST **BRAKE** DRUM - FRONT AXLE
- 3800-302-BAE **BRAKE** HARDWARE

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

Go Back To Visual ECAT

Page: 1/1 (114246) Date: 11/30/11

Air Hose Assembly, Crimped (26-03423-022) 114246

Full Page Zoom In Zoom Out Print Info

NOTE: The Parts List and Drawing for this Bill of Material are for visual reference only and may not reflect the exact parts used on this vehicle at time of assembly. Use the Go Back to Visual ECAT button to return to the FCBM in order to find the exact part number for your chassis and avoid ordering the incorrect part.

Item No	Part No	Qty	Description & Remarks
1	26-03423-022	1	Air <b>Brake</b> Hose Assy, SAE Flared, Crimped, (#4 x 22')
1	26-03427	1	Hose (EPDM)
2	26-03431	2	Crimped Hose Fitting
3	26-03435	2	Flare Swivel (45 Deg)

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).

**+ 3C00-301-FAK BRAKE DRUMS**



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

**+ 3C00-301-GAF 3030 PARK BRAKE CHAMBERS**  
[PickList](#) [P & A](#) [SupportLink](#) [KB](#)  
3030 PARK **BRAKE** CHAMBERS  
 **1373030155** \$ CHAMBER-**BRAKE** HALD 1  
 **1373030158** CHAMBER-**BRAKE** HALD 1

### 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.

**Patscraft**  
Search Engine Search Catalog Search Catalog Word Search B/M Search Assembly Search PickList Help  
Chassis: 190994 / MODEL 386 CONVENTIONAL Build Date: 01/10/13 Plant: Denton  
Enter Search Phrase:  
brake All BOM Part Remark Help  
 Alternate Term  
 Search Catalog  
 Search Catalog Subassemblies  
Search Operation  
 and between words  
 or between words

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

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

**+ 0300-380-JGW REAR AXLE SHIFT CONTROL CHASSIS PIPING**



Click Link to open a Catalog Page

Search Engine Search Catalog Search Catalog Word Search B/M Search Assembly Search PickList Help

Go Back To Visual ECAT

Page: 1/1 (51464) Date: 03/19/09

Rear Axle Shift Control Chassis Piping (0300.380.JGW) 51464

Full Page Zoom In Zoom Out Print Info

Item No	Part No	Qty	Description & Remarks
1	G50-6022-0451LCTL	1	Silver Nylon Tubing (1/4")
2	26-03423-022	1	Air <b>Brake</b> Hose Assy, SAE Flared, Crimped, (#4 x 22") For complete breakdown see page <a href="#">114246</a>
3	26-03494	1	Fitting - Union, Bulkhead (#4 X 90 Deg)
4	26-01656	1	Elbow Connector, 90 Deg (1/4" MF)

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**

Search Engine Search Catalog Search Catalog Word Search B/M Search Assembly Search PickList Help

Go Back

Page: 1/1 (114246) Date: 11/20/11

Air Hose Assembly, Crimped (26-03423-022) 114246

Full Page Zoom In Zoom Out Print Info

Item No	Part No	Qty	Description & Remarks
1	26-03423-022	1	Air <b>Brake</b> Hose Assy, SAE Flared, Crimped, (#4 x 22")
2	26-03427	1	Hose (EPDM)
3	26-03431	2	Crimped Hose Fitting
3	26-03435	2	Flare Swivel (45 Deg)



## Check Box Selections –Optional or between words

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.

The screenshot shows a web browser window with the Paccar website. The search bar contains the text "Fuel Tank". Below the search bar, there are several checkboxes and radio buttons for search options. The "or between words" radio button is selected. The search results are displayed in a list format, with several items highlighted in yellow. Red arrows point to specific items in the list and the search options.

Chassis: 190994 / MODEL 386 CONVENTIONAL Build Date: 01/10/13 Plant: Denton

Enter Search Phrase: Fuel Tank

All  BOM  Part  Remark

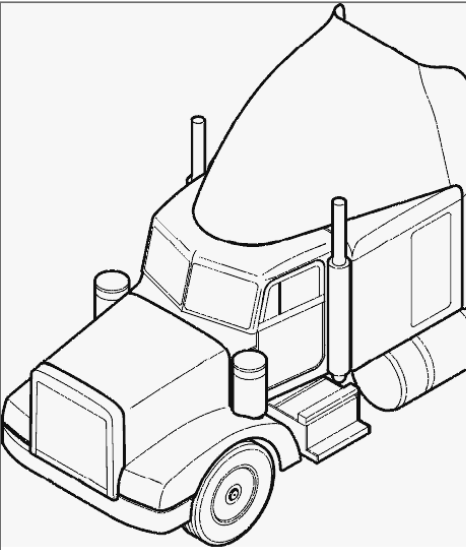
Alternate Term  
 Search Catalog  
 Search Catalog Subassemblies

Search Operation  
 and between words  
 or between words

OUTSIDE VIEW

BOM Index Diagrams Detail Chas  
(55 records found)

- 0800-310-NBS REAR BRAKE MOUNTING - NYLON HOSE
- 0800-351-AAD 1ST AIR TANK APPLICATION
- 0800-351-DAC 1ST 9.5 X 33 AIR TANK - S
- 0800-352-AAE 2ND AIR TANK APPLICATION - AIR TANK
- 0800-352-CAU 2ND 9.5 X 24 AIR TANK - STEEL
- 0800-353-AAE 3RD AIR TANK APPLICATION-RR AIR TANK
- 0800-353-DAC 3RD 9.5 X 33 AIR TANK - STEEL
- 0800-362-BAN (1) AIR TANK MOUNTING - 9.5X33 OR
- 0800-362-DAH (1) AIR TANK MOUNTING - 9.5X33 OR
- 0800-362-HAC (1) AIR TANK MOUNTING - 9X24 AIR TANK
- 0800-366-BAF BERG PULL CORD ON 1ST AIR TANK
- 0800-700-AFU AIR SYSTEM COMMON PARTS - UNIBILT SLPR
- 0800-704-FBG AIR TANK PLUMBING ARRANGEMENT
- 0800-704-GDS AIR TANK PLUMBING ARRANGEMENT
- 1100-302-EBM FUEL TANK LABEL
- 1100-302-FAD NON LOCKING FUEL TANK CAP
- 1100-305-AAM 120 GAL 26IN ALUM TANK MTD
- 1100-305-BAM 120 GAL 26IN ALUM TANK MTD LH BOC
- 1100-310-AAC FUEL TANK ARRANGEMENT - 2 TANKS
- 1100-310-FAK FUEL SUPPLY AND RETURN LINES
- 1100-311-CFB PRIMARY FUEL TANK FITTINGS



## 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\*.

The screenshot shows a web browser window displaying the search results for the query '\*A00\*'. The search interface includes a search bar with the entered text '\*A00\*', a 'Logoff' button, and navigation tabs for 'Search', 'Engine Search', 'Catalog Search', 'Catalog Word Search', 'B/M Search', 'Assembly Search', 'PickList', and 'Help'. The search results are displayed in a table format under the heading 'OUTSIDE VIEW'. A red arrow points to the search results area.

Part Number	Description
0000-A00-000	CHAS WT FRT: 10140 LBS
0200-A00-000	FRONT AXLE S/N: MY01119939
0300-A00-000	FWD REAR S/N: HN04139602
0500-A00-000	ENGINE S/N: 79631525
2010-A00-000	ACCENT COLOR #1: L3781EB
3A00-300-AAC	HUCK BOLT ALL ACCESSIBLE FRAME COMPS
3A00-300-BAG	10-5/8 STEEL RAIL
3A00-700-BAG	STANDARD TOW HITCHES
3A00-700-FAD	FRONT CAB SUPPORT * ALUM *
3A00-700-HAP	REAR CAB CROSSMEMBER - STEEL
3A00-700-JAD	CROSSMEMBER MACHINE SETTINGS
3B00-700-FAC	WINDUP BUMPER - RUBBER HELPER SPRING
9999-A00-000	VEHICLE PLATE WEIGHT: 0017608 LBS

## 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.