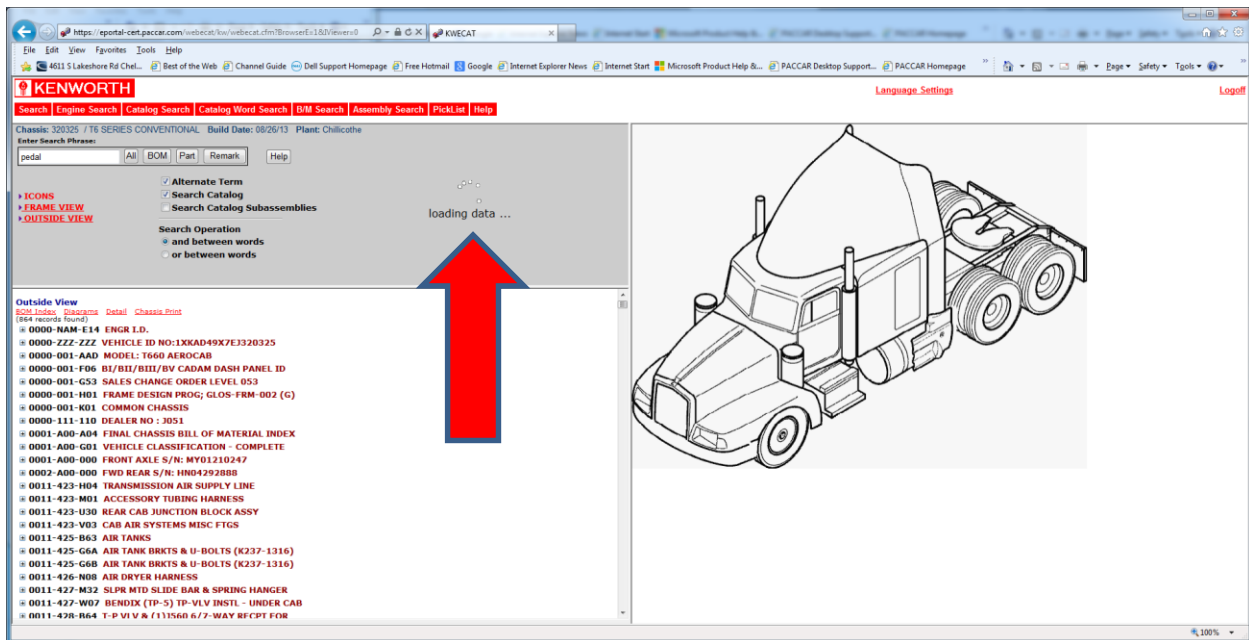


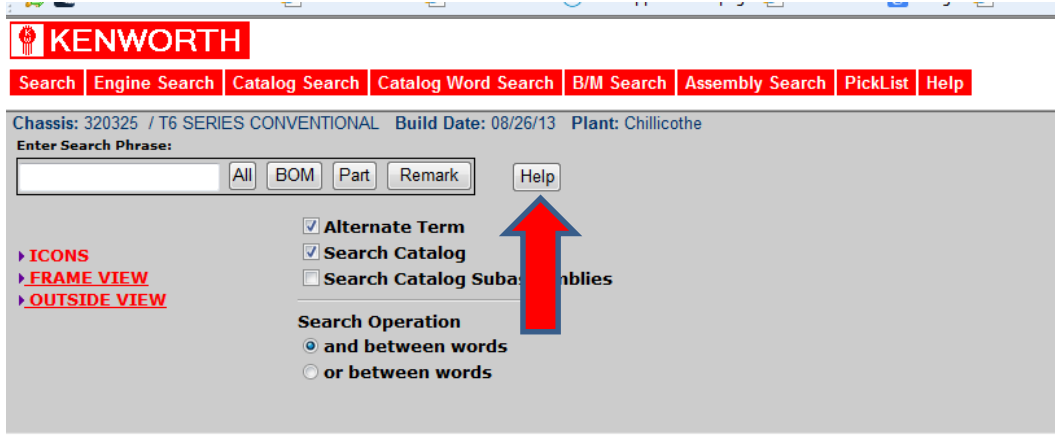
Kenworth ECAT Enhanced Search

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.



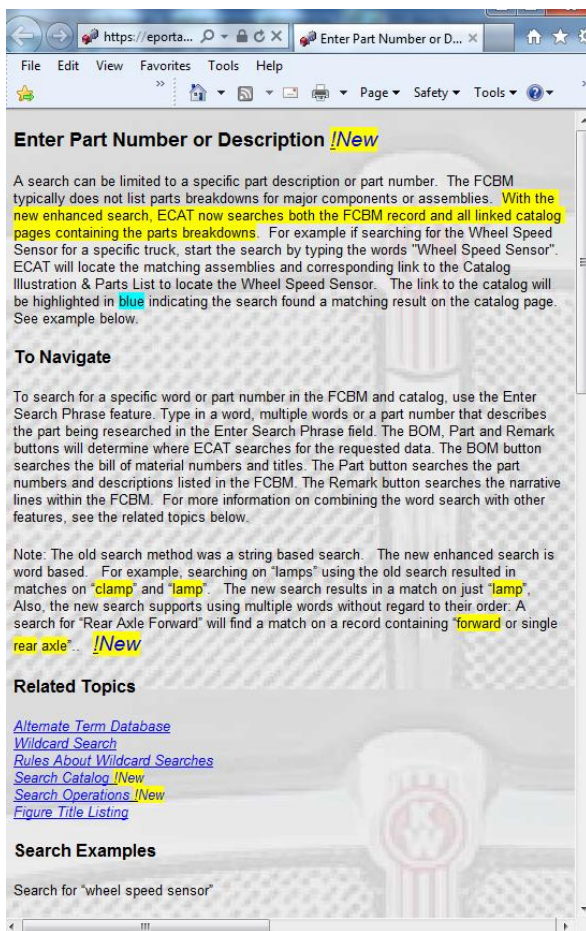
Help Menu

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



Outside View
[BOM Index](#) [Diagrams](#) [Detail](#) [Chassis Print](#)
 (864 records found)
 + 0000-NAM-E14 ENGR I.D.
 + 0000-ZZZ-ZZZ VEHICLE ID NO:1XKAD49X7EJ320325

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



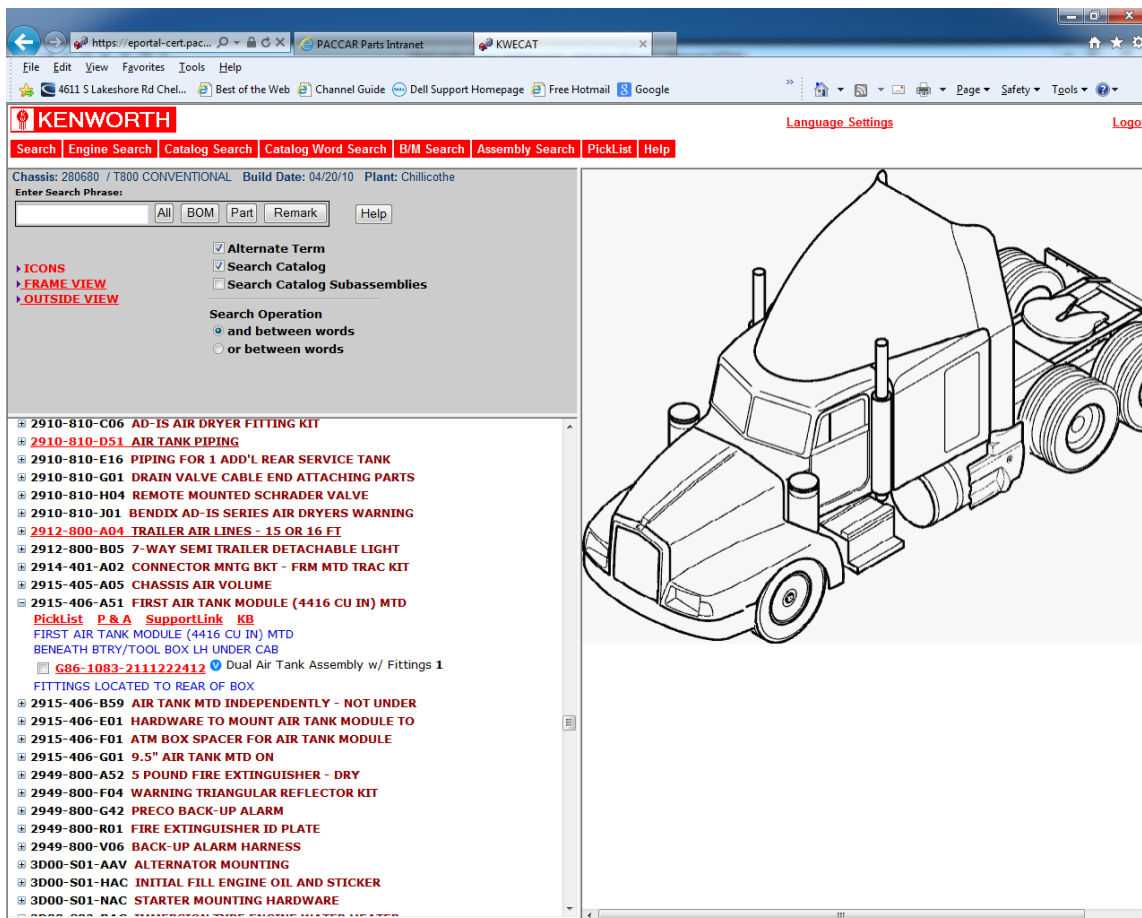
FCBM and Catalog

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 screenshot shows a web browser window displaying the Kenworth Parts Intranet. The page title is "KENWORTH" and the URL is "https://eportal-cert.pac...". 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 the chassis information: "Chassis: 280680 / T800 CONVENTIONAL Build Date: 04/20/10 Plant: Chillicothe". Below this is a search interface with a text input field and buttons for "All", "BOM", "Part", "Remark", and "Help". There are also checkboxes for "Alternate Term", "Search Catalog", and "Search Catalog Subassemblies". The search operation is set to "and between words". A list of parts is displayed, including:

- 2910-810-C06 AD-IS AIR DRYER FITTING KIT
- 2910-810-D51 AIR TANK PIPING
- 2910-810-E16 PIPING FOR 1 ADD'L REAR SERVICE TANK
- 2910-810-G01 DRAIN VALVE CABLE END ATTACHING PARTS
- 2910-810-H04 REMOTE MOUNTED SCHRADER VALVE
- 2910-810-J01 BENDIX AD-IS SERIES AIR DRYERS WARNING
- 2912-800-A04 TRAILER AIR LINES - 15 OR 16 FT
- 2912-800-B05 7-WAY SEMI TRAILER DETACHABLE LIGHT
- 2914-401-A02 CONNECTOR MNTG BKT - FRM MTD TRAC KIT
- 2915-405-A05 CHASSIS AIR VOLUME
- 2915-406-A51 FIRST AIR TANK MODULE (4416 CU IN) MTD
- PickList P & A SupportLink KB
- FIRST AIR TANK MODULE (4416 CU IN) MTD BENEATH BTRY/TOOL BOX LH UNDER CAB
- GB6-1083-2111222412 Dual Air Tank Assembly w/ Fittings 1
- FITTINGS LOCATED TO REAR OF BOX
- 2915-406-B59 AIR TANK MTD INDEPENDENTLY - NOT UNDER
- 2915-406-E01 HARDWARE TO MOUNT AIR TANK MODULE TO
- 2915-406-F01 ATM BOX SPACER FOR AIR TANK MODULE
- 2915-406-G01 9.5" AIR TANK MTD ON
- 2949-800-A52 5 POUND FIRE EXTINGUISHER - DRY
- 2949-800-F04 WARNING TRIANGULAR REFLECTOR KIT
- 2949-800-G42 PRECO BACK-UP ALARM
- 2949-800-R01 FIRE EXTINGUISHER ID PLATE
- 2949-800-V06 BACK-UP ALARM HARNESS
- 3D00-S01-AAV ALTERNATOR MOUNTING
- 3D00-S01-HAC INITIAL FILL ENGINE OIL AND STICKER
- 3D00-S01-NAC STARTER MOUNTING HARDWARE

On the right side of the page, there is a large illustration of a Kenworth truck chassis with an air tank mounted on the rear.

The red hyperlink for assembly [G86-1083-2111222412](#) connects the user to a catalog page. Until now a search would not include the data in the catalog page.

Catalog Page:

KENWORTH Language Settings Logoff

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

Go Back To Visual ECAT

Page: 1/1 (116142) Date: 09/13/11

Air Tank Assembly, Dual w/ Nylon Hose (G86-1083-2111222412) 116142

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
	G86-10832111222412	1	Dual Air Tank Assembly w/ Fittings Not sold as an assembly; for service purchase individual components
<input checked="" type="checkbox"/>	1	G86-1059-53	Air Tank Assembly w/ Bracket For complete breakdown see page 152890
<input checked="" type="checkbox"/>	2	K295-75-285	1 Drain Valve (1/4"), w/ Cable Release
<input checked="" type="checkbox"/>	3	K295-75-545	1 Drain Valve (1/4"), w/ Cable Release
<input checked="" type="checkbox"/>	4	K129-194-08	3 Square Pipe Plug (1/2-14 NPTF)
<input checked="" type="checkbox"/>	5	K129-231-0810	1 90° Male Fitting, J844 (1/2-14 NPTF x 13/16-18 NF)
<input checked="" type="checkbox"/>	6	K129-232-0808	1 Fitting - Male J844, 45 Deg Elbow (1/2-14 NPTF X 11/16-20 NF)
<input checked="" type="checkbox"/>	7	K129-232-0810	1 Fitting - Male J844, 45 Deg Elbow (1/2-14 NPTF X 13/16-18 NF)
<input checked="" type="checkbox"/>	8	K129-193-0806	1 Fitting, Reducing Bushing, (1/2-14 NPTF x 3/8-18 NPTF)
<input checked="" type="checkbox"/>	9	K129-231-0606	1 90° Male Fitting, J844 (3/8-18 NPTF x 17/32-24 NF)
<input checked="" type="checkbox"/>	10	K129-292-06	1 Run Tee Fitting (3/8-18 NPTF), Brass
<input checked="" type="checkbox"/>	11	K129-230-0608	1 Straight Fitting, J844, Male (3/8-18 NPTF x 11/16-20 NF)
<input checked="" type="checkbox"/>	12	K129-194-04	1 Square Pipe Plug (1/4-18 NPTF)
<input checked="" type="checkbox"/>	13	223-585-2B	1 Pressure Protection Valve
<input checked="" type="checkbox"/>	14	K129-230-0404	1 Straight Fitting, J844, Male (1/4-18 NPTF x 7/16-24 NF)

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:

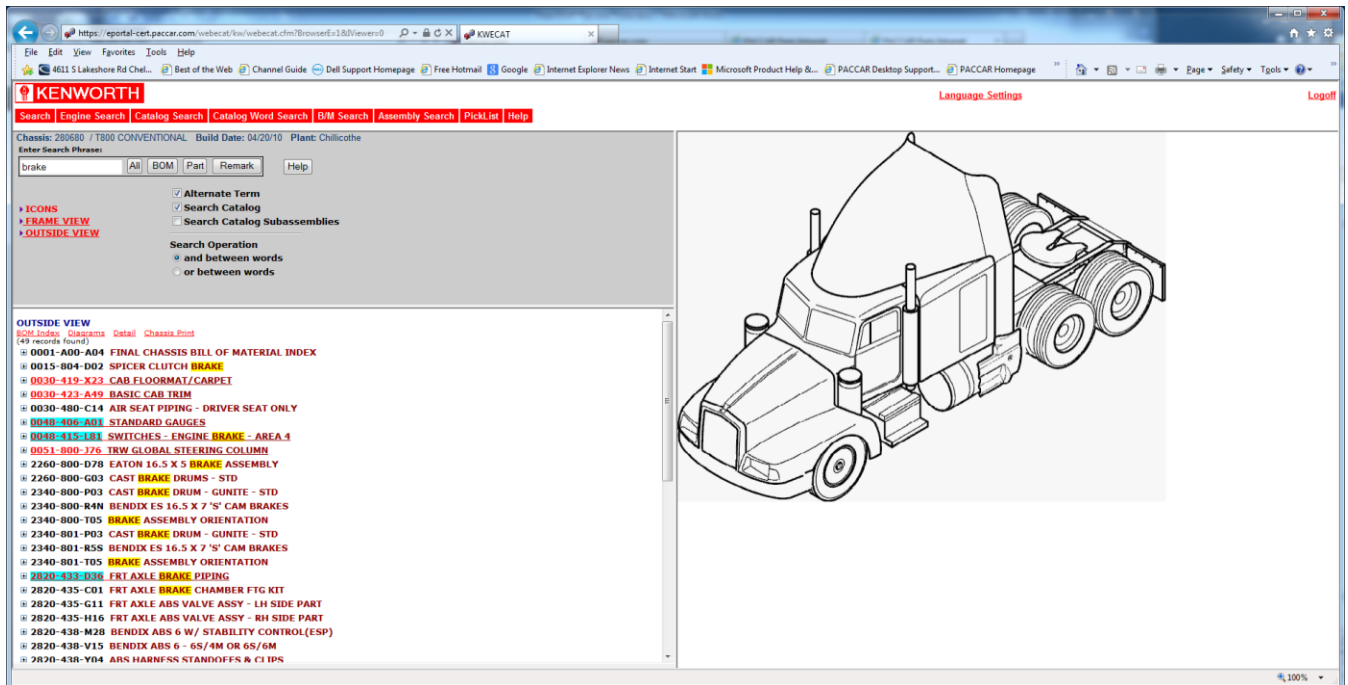
Check Box Selections - Default

- 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 tnk 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.

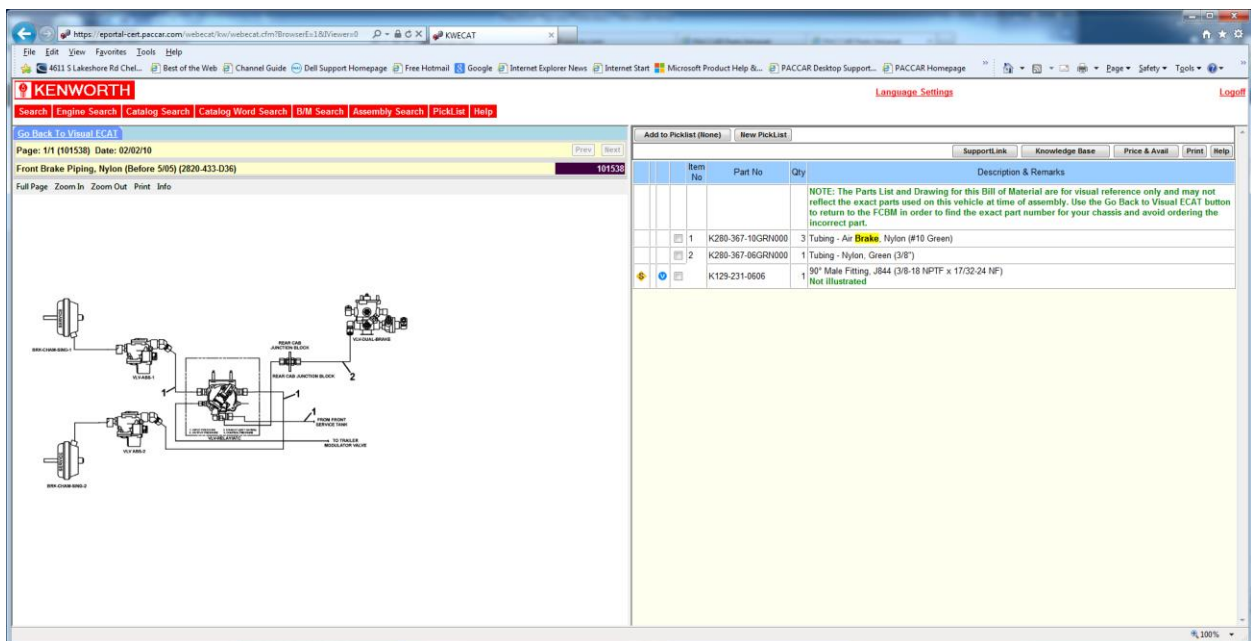
Search Operation

- 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.

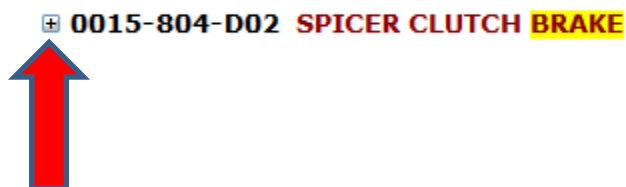
Example of a search for BRAKE with default boxes checked.



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 0015-804-D02 has BRAKE in the BOM title and in the content of the Bill (to expand a Bill click ONLY on the + sign).



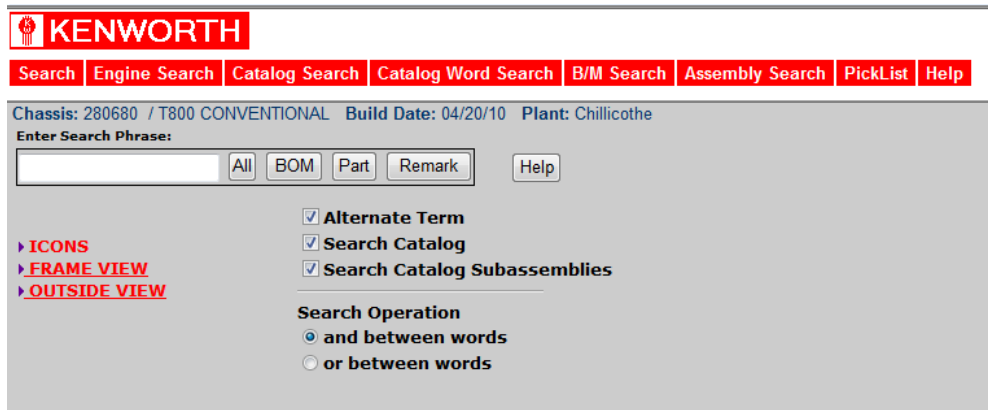
In the example below BRAKE is both in the BOM title and contents of the Bill.

0015-804-D02 SPICER CLUTCH BRAKE
[PickList](#) [P & A](#) [SupportLink](#) [KB](#)
SPICER CLUTCH BRAKE
 127760 Clutch Brake 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.



The screenshot shows the Kenworth search interface. At the top is the Kenworth logo. Below it is a navigation bar with buttons for Search, Engine Search, Catalog Search, Catalog Word Search, B/M Search, Assembly Search, PickList, and Help. The main search area includes a search phrase input field, a dropdown menu with options All, BOM, Part, Remark, and a Help button. Below the search area are several checkboxes: Alternate Term, Search Catalog, and Search Catalog Subassemblies. There are also links for ICONS, FRAME VIEW, and OUTSIDE VIEW. A section for Search Operation has two radio buttons: and between words and or between words.

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.

0051-800-J76 TRW GLOBAL STEERING COLUMN



Click Link to open a Catalog Page

The screenshot shows the Kenworth E-CAT interface. On the left, there is a technical drawing of a steering column assembly. On the right, a parts list table is displayed. The table has columns for Item No., Part No., Qty, and Description & Remarks. A red arrow points to a blue subassembly link in the 'Description & Remarks' column for item 1.

Item No.	Part No.	Qty	Description & Remarks
1	J19-1039-1002	1	Steering Column Assembly, Tilt & Telescopic 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 E-CAT button to return to the FCBM in order to find the exact part number for your chassis and avoid ordering the incorrect part.
2	R13-1014	1	Bushing, Steering Shaft
3	K041-806-25CA	4	Hex Bolt (Metric) x 25mm
4	K169-159-8CA	2	Hex Nut (Metric) x 30mm
5	K363-338-3-312	10	Flat Washer (Metric) x 30mm
6	K041-806-30CA	4	Hex Bolt (Metric) x 30mm

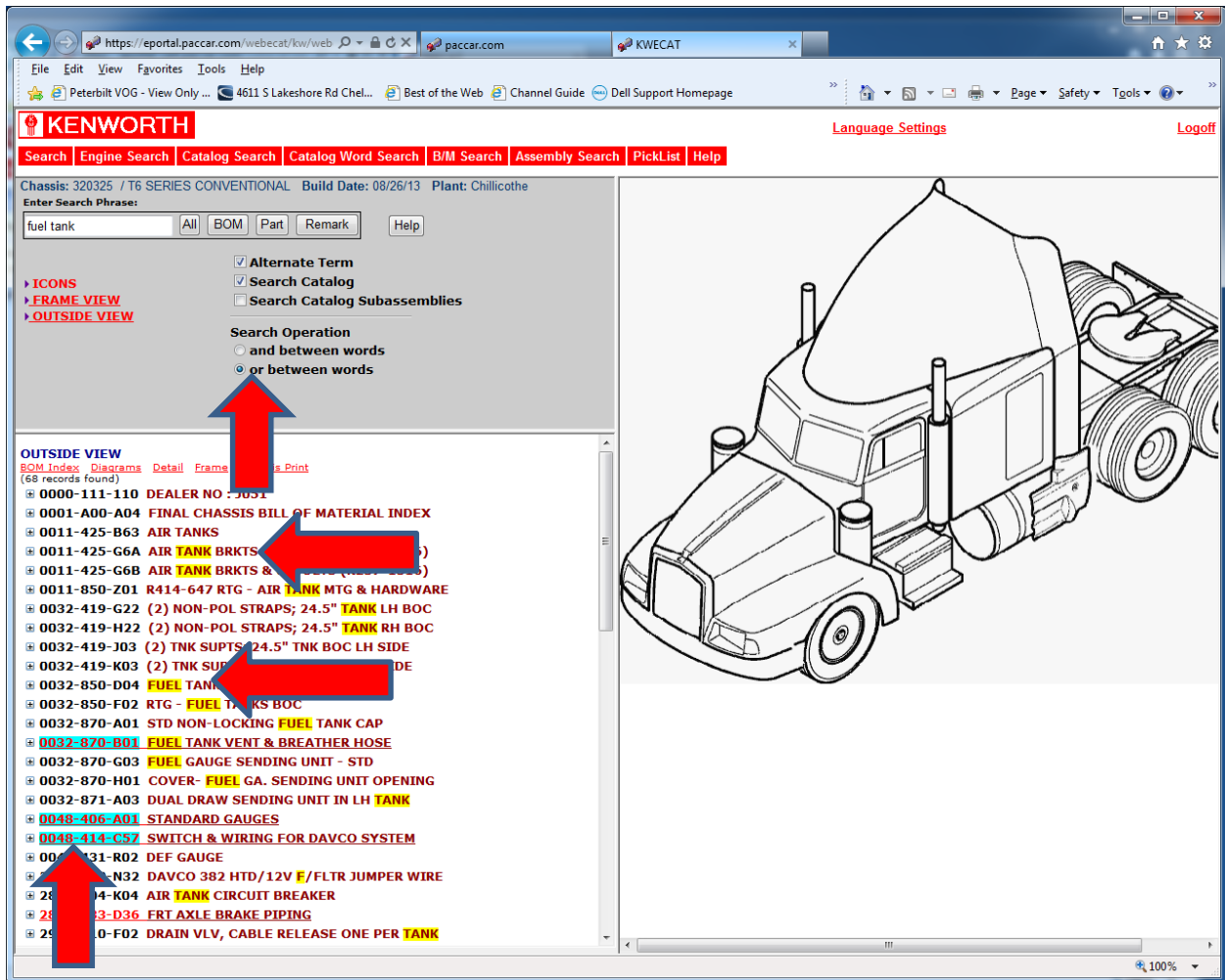
Note that there is a subassembly link in blue linking to another page including BRAKE. See **BRAKE** on the subassembly page below in yellow. This is all data that was not returned in an FCBM search only.

The screenshot shows the Kenworth E-CAT interface for a subassembly page. On the left, there is a technical drawing of the steering column assembly with numbered callouts. On the right, a parts list table is displayed. The table has columns for Item No., Part No., Qty, and Description & Remarks. The word 'BRAKE' is highlighted in yellow in the description for item 6.

Item No.	Part No.	Qty	Description & Remarks
1	J19-1039-1002	1	Steering Column Assembly, Tilt & Telescopic Includes Items 1 thru 36; w/steering angle sensor, w/o clockspring; w/one non-self returning air valve
1	S22-1137-100	1	Steering Column Shroud, Top, Upper, w/ 1 Hand Valve Includes item 2
2	D98810-051M255	4	Clip Can use for service
3	S22-1138-100	1	Steering Column Shroud, Top, Lower, w/ 1 Hand Valve Includes item 4
4	1UBM-MS-2	4	Threaded Insert Not illustrated
5	K280-367-06BLK042	1	Tubing - Nylon, Black (3/8" X 42") For service can use D1033-2220 and cut to length; use on line ID #178
6	D1033-2220	1	Tubing - Nylon, Black, Air BRAKE (3/8" X 500) Can use for service and cut to length; use on line ID #178
6	K280-367-06BLK042	1	Tubing - Nylon, Black (3/8" X 42") For service can use D1033-2220 and cut to length; use on line ID #36
7	D1033-2220	1	Tubing - Nylon, Black, Air BRAKE (3/8" X 500) Can use for service and cut to length; use on line ID #178
7	K280-367-06BLK042	1	Tubing - Nylon, Black (3/8" X 42") For service can use D1033-2220 and cut to length; use on line ID #35
8	D1033-2220	1	Tubing - Nylon, Black, Air BRAKE (3/8" X 500) Can use for service and cut to length; use on line ID #35
8	S22-1139	1	Swing Arm Cover
9	480791	1	Turn Signal Switch, Multi-Function
10		6	SCREW SCREW Not illustrated; local purchase
11	451656B9	1	Hom Contact Plunger
12	456216	1	Hom Contact Mount
13	451973A2	1	Ground Wire Assembly
14	031152	1	Connector
15	031153	1	Connector
16	401768	3	E-Ring Not illustrated

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.



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*.

KENWORTH

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

Chassis: 320325 / T6 SERIES CONVENTIONAL Build Date: 08/26/13 Plant: Chillicothe

Enter Search Phrase: *A00* All BOM Part Remark Help

Alternate Term
 Search Catalog
 Search Catalog Subassemblies

Search Operation
 and between words
 or between words

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

OUTSIDE VIEW
[BOM Index](#) [Diagrams](#) [Detail](#) [Frame](#) [Chassis Print](#)
(10 records found)

- + **0001-A00-A04** FINAL CHASSIS BILL OF MATERIAL INDEX
- + **0001-A00-G01** VEHICLE CLASSIFICATION - COMPLETE
- + **0001-A00-000** FRONT AXLE S/N: MY01210247
- + **0002-A00-000** FWD REAR S/N: HN04292888
- + **0015-A00-000** UNIT TRANS S/N: S1034362
- + **0017-A00-000** DP FILTER S/N: 56225130149
- + **0039-A00-000** ENGINE S/N: 79683523
- + **0063-A00-B06** FIFTH WHEEL POSITION
- + **0063-A00-000** 5TH WHEEL S/N: 221713104
- + **2600-A00-A05** FRAME RAIL - PUNCHED AT METALSA

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.

