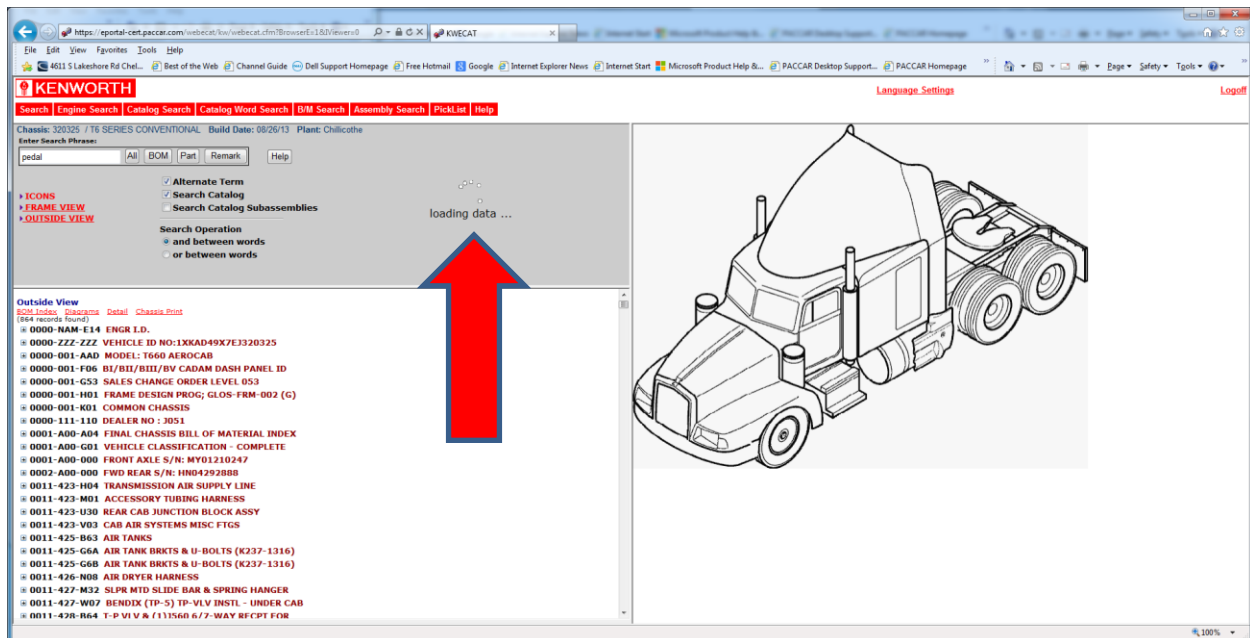


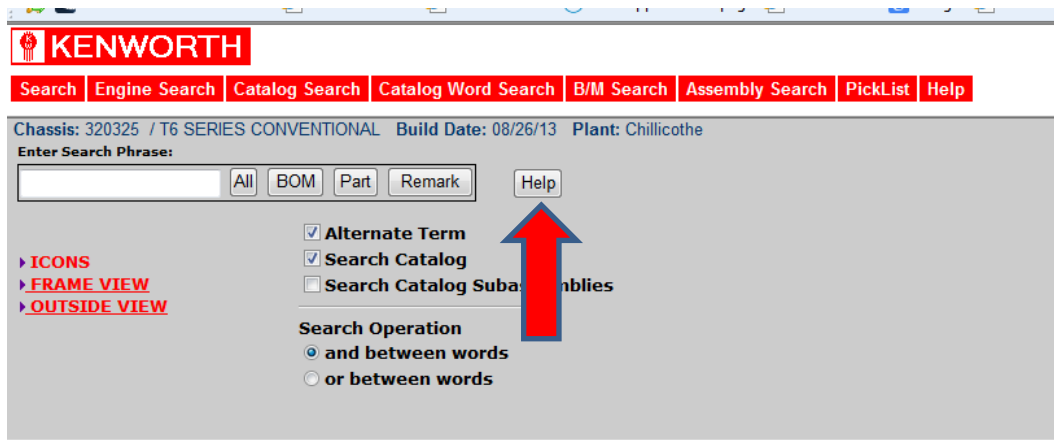
Kenworth ECAT Enhanced Search

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.



KENWORTH

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

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

Enter Search Phrase:

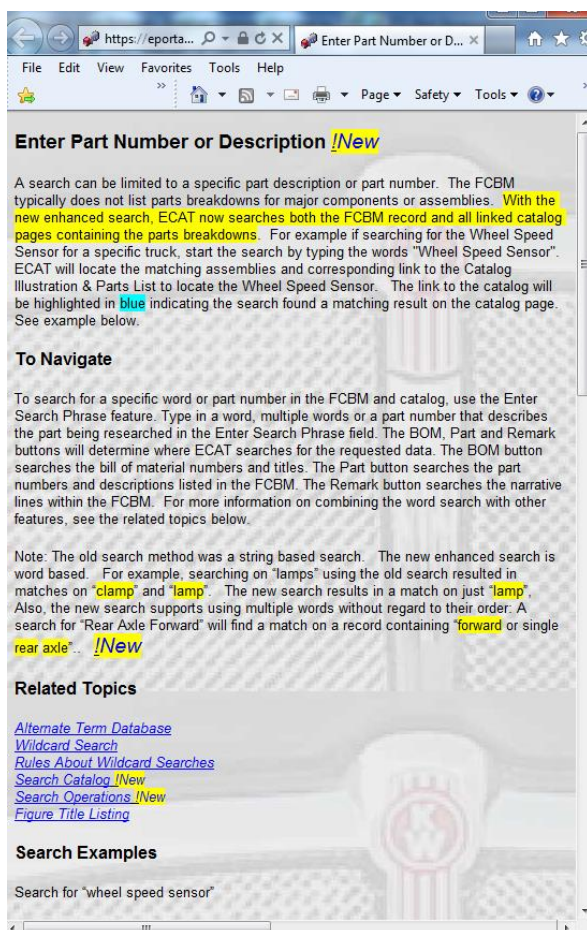
☒ Alternate Term
☒ Search Catalog
☐ Search Catalog Subassemblies

Search Operation
☒ and between words
☐ or between words

[ICONS](#)
[FRAME VIEW](#)
[OUTSIDE VIEW](#)

Outside View
[BOM Index](#) [Diagrams](#) [Detail](#) [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.



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.

KENWORTH Language Settings Logoff

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

Chassis: 280680 / T800 CONVENTIONAL Build Date: 04/20/10 Plant: Chillicothe

Enter Search Phrase: [] 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

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
G86-1083-2111222412 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

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 Prev Next

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
1	G86-1059-53	1	Air Tank Assembly w/ Bracket For complete breakdown see page 152890
2	K295-75-285	1	Drain Valve (1/4"), w/ Cable Release
3	K295-75-545	1	Drain Valve (1/4"), w/ Cable Release
4	K129-194-08	3	Square Pipe Plug (1/2-14 NPTF)
5	K129-231-0810	1	90° Male Fitting, J844 (1/2-14 NPTF x 13/16-18 NF)
6	K129-232-0808	1	Fitting - Male J844, 45 Deg Elbow (1/2-14 NPTF X 11/16-20 NF)
7	K129-232-0810	1	Fitting - Male J844, 45 Deg Elbow (1/2-14 NPTF X 13/16-18 NF)
8	K129-193-0806	1	Fitting, Reducing Bushing, (1/2-14 NPTF x 3/8-18 NPTF)
9	K129-231-0606	1	90° Male Fitting, J844 (3/8-18 NPTF x 17/32-24 NF)
10	K129-292-06	1	Run Tee Fitting (3/8-18 NPTF), Brass
11	K129-230-0608	1	Straight Fitting, J844, Male (3/8-18 NPTF x 11/16-20 NF)
12	K129-194-04	1	Square Pipe Plug (1/4-18 NPTF)
13	223-585-2B	1	Pressure Protection Valve
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.

Chassis: 280080 / T800 CONVENTIONAL Build Date: 04/20/10 Plant: Chillicothe

Enter Search Phrase:

☒ Alternate Term
☒ Search Catalog
☐ Search Catalog Subassemblies

Search Operation
☒ and between words
☐ or between words

OUTSIDE VIEW
[BOM Index](#) [Diagram](#) [Detail](#) [Chassis Point](#)
 (49 records found)

- 0001-A00-A04 FINAL CHASSIS BILL OF MATERIAL INDEX
- 0015-804-D02 SPICER CLUTCH **BRAKE**
- 0030-419-X23 CAB FLOORMAT/CARPET
- 0030-423-A49 BASIC CAB TRIM
- 0030-400-C14 AIR SEAT PIPING - DRIVER SEAT ONLY
- 0030-406-B01 STANDARD GAUGES
- 0040-419-L01 SWITCHES - ENGINE **BRAKE** - AREA 4
- 0051-800-J76 TRW GLOBAL STEERING COLUMN
- 2260-800-D78 EATON 16.5 X 5 **BRAKE** ASSEMBLY
- 2260-800-G03 CAST **BRAKE** DRUMS - STD
- 2340-800-P03 CAST **BRAKE** DRUM - GUNITE - STD
- 2340-800-R4N BENDIX ES 16.5 X 7 'S' CAM BRAKES
- 2340-800-T05 **BRAKE** ASSEMBLY ORIENTATION
- 2340-801-P03 CAST **BRAKE** DRUM - GUNITE - STD
- 2340-801-R5S BENDIX ES 16.5 X 7 'S' CAM BRAKES
- 2340-801-T05 **BRAKE** ASSEMBLY ORIENTATION
- 2820-433-D36 FRT AXLE **BRAKE** PIPING
- 2820-435-C01 FRT AXLE **BRAKE** CHAMBER FTG KIT
- 2820-435-G11 FRT AXLE ABS VALVE ASSY - LH SIDE PART
- 2820-435-H16 FRT AXLE ABS VALVE ASSY - RH SIDE PART
- 2820-438-M20 BENDIX ABS 6 W/ STABILITY CONTROL(ESP)
- 2820-438-V15 BENDIX ABS 6 - 6S/4M OR 6S/6M
- 2820-438-Y04 ABS HARNESS STANDOFFS & CIDS

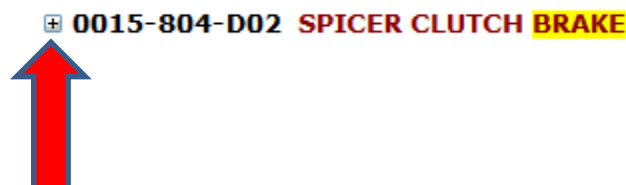
Those in **blue** are links to a catalog page that includes the word **BRAKE**. See **BRAKE** below on line 1 of Catalog page.

Go Back To Visual ECAT
 Page: 1/1 (101538) Date: 02/02/10
 Front Brake Piping, Nylon (Before 5/05) (2820-433-D36)
 Full Page: Zoom In Zoom Out Print Info

Item No	Part No	Qty	Description & Remarks
1	K280-367-10GRN000	3	Tubing - Air BRAKE , Nylon (#10 Green)
2	K280-367-06GRN000	1	Tubing - Nylon, Green (3/8")
	K129-231-0606	1	90° Male Fitting, .844 (3/8-18 NPTF x 17/32-24 NF) Not Illustrated

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.

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).



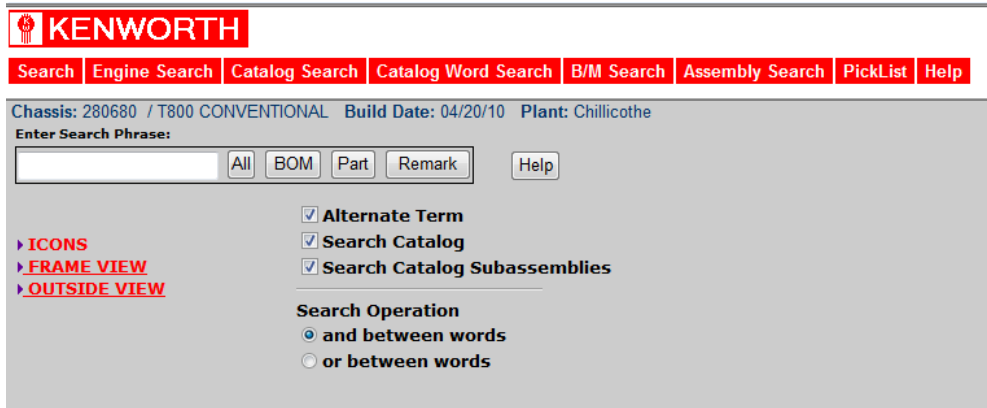
In the example below BRAKE is both in the BOM title and contents of the Bill.

 **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.



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 diagram of a steering column assembly. On the right, a table lists parts with their quantities and descriptions. A red arrow points to the word 'BRAKE' in the description of part 4, which is a hex bolt. The table is as follows:

Item No	Part No	Qty	Description & Remarks
1	J19-1039-1002	1	Steering Column Assembly, Tilt & Telescopic
2	R13-1014	1	Bushing, Steering I-Shaft
3	K041-806-25CA	4	Hex Bolt (M10 x 25mm)
4	K169-159-8CA	2	Hex Nut (M10)
5	K363-338-3-312	10	Flat Washer (M10 x 30mm)
6	K041-806-30CA	4	Hex Bolt (M10 x 30mm)

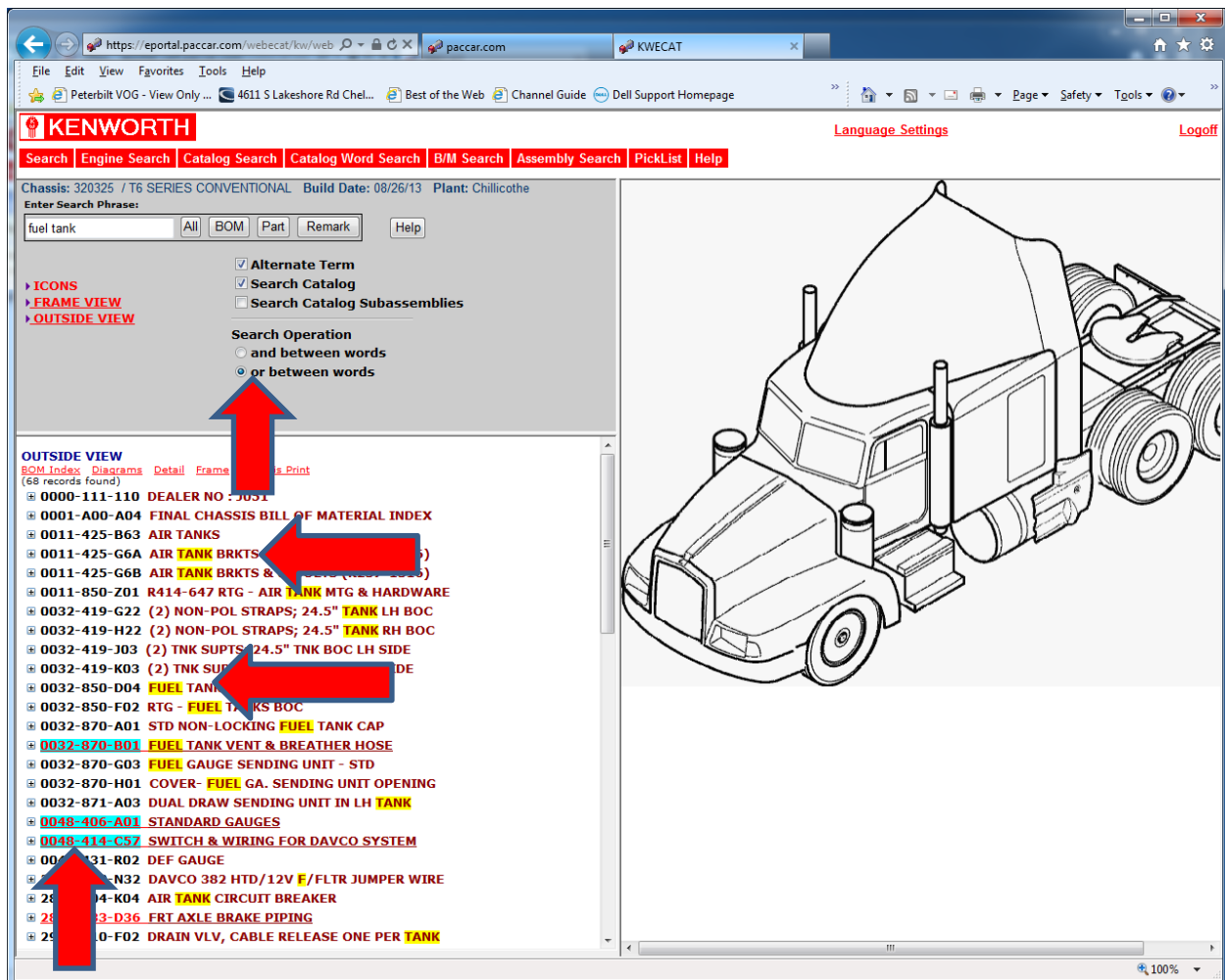
Note that there is a subassembly link in blue linking to another page including BRAKE. See **BRAKE** on the subassembly page below in yellow. This is all data that was not returned in an FCBM search only.

The screenshot shows the Kenworth E-CAT interface. On the left, there is a diagram of a steering column assembly. On the right, a table lists parts with their quantities and descriptions. A yellow box highlights the word 'BRAKE' in the description of part 4, which is a hex bolt. The table is as follows:

Item No	Part No	Qty	Description & Remarks
1	J19-1039-1002	1	Steering Column Assembly, Tilt & Telescopic
2	S22-1137-100	1	Steering Column Shroud, Top, Upper, w/ 1 Hand Valve
3	D98810-051M255	1	Clip
4	S22-1138-100	1	Steering Column Shroud, Top, Lower, w/ 1 Hand Valve
5	1UBM-M5-2	1	Threaded Insert
6	K280-367-06ELK042	1	Tubing - Nylon, Black (3/8" X 42")
7	D1833-2220	1	Tubing - Nylon, Black, Air Brake (3/8" X 500")
8	K280-367-06ELK042	1	Tubing - Nylon, Black (3/8" X 42")
9	D1833-2220	1	Tubing - Nylon, Black, Air Brake (3/8" X 500")
10	K280-367-06ELK042	1	Tubing - Nylon, Black (3/8" X 42")
11	D1833-2220	1	Tubing - Nylon, Black, Air Brake (3/8" X 500")
12	S22-1139	1	Swing Arm Cover
13	480791	1	Turn Signal Switch, Multi-Function
14	451656B9	1	Hom Contact Plunger
15	456216	1	Hom Contact Mount
16	451972A2	1	Ground Wire Assembly
17	031152	1	Connector
18	031153	1	Connector
19	401768	1	E-Ring

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*.

[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:

☒ 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](#)
[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.

