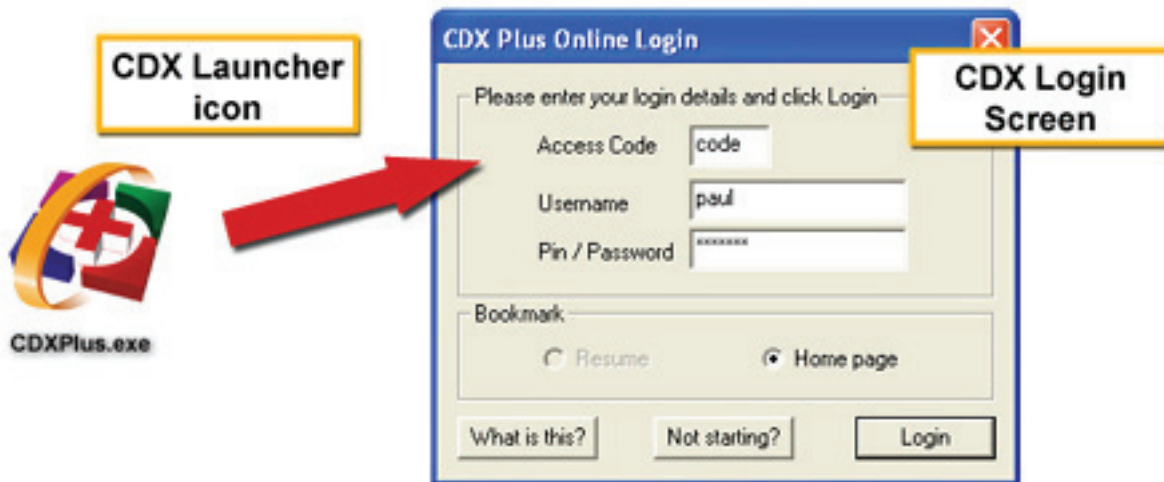


CDX Plus Online User Guide

Getting started

1. Go to the CDX website www.cdxglobal.com/launcher
2. Click on the **Download CDX Plus Online Launcher** link and **Save** the file to your PC
(if you cannot save the file locally, you can **Run** the Launcher from the internet).



3. Enter your login details
(if you don't have these ask your instructor/supervisor)
 - Access Code
 - Username
 - Pin/Password
4. Click Login
(if CDX Plus Online does not load see **Troubleshooting** at the end of this document)

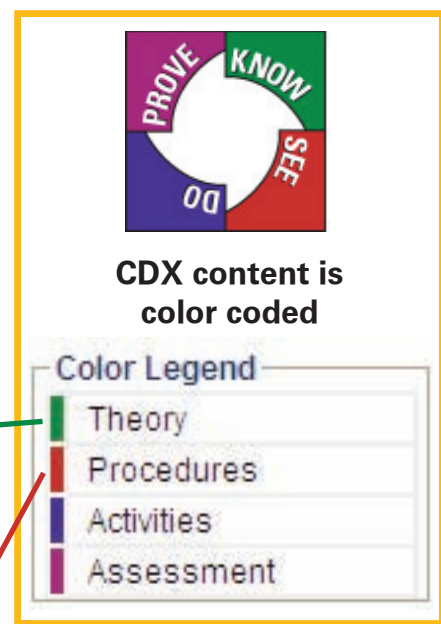
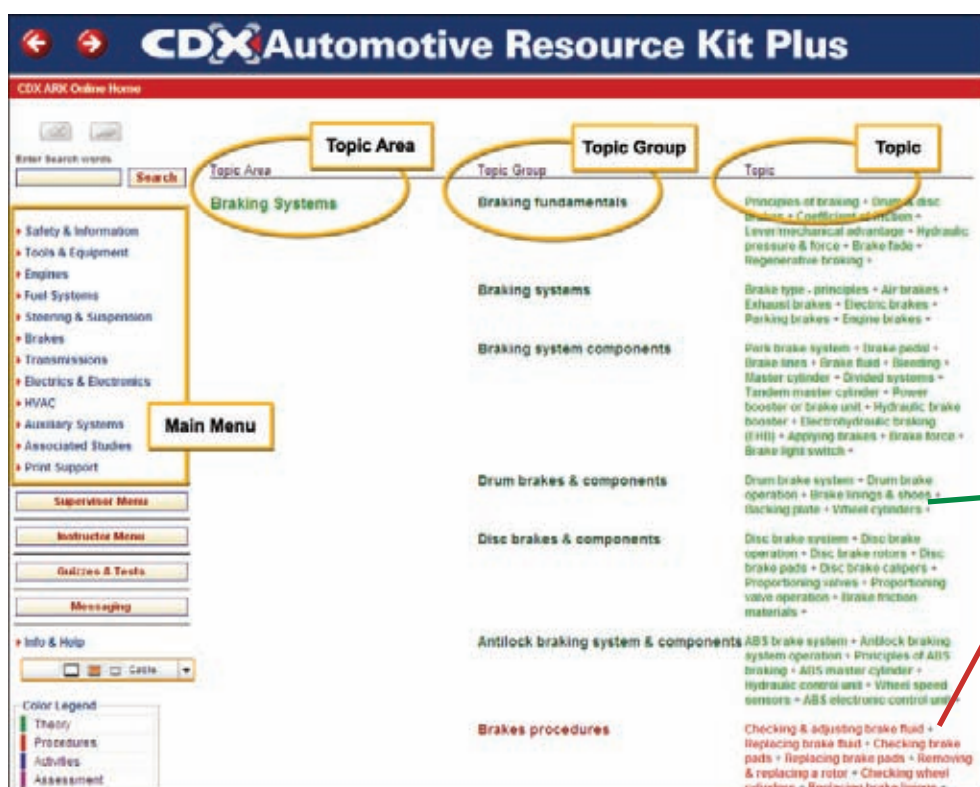
How to navigate CDX+ Online

You can get to any of the content items in CDX Plus with no more than THREE clicks

1. **First Click** – Choose a main content category from the Main Menu at the left of screen. This will open up the whole menu tree for that content area.



2. **Second Click** – Now we have four menu columns to choose from: The Main Menu; Topic Area; Topic Group; and Topics. For more detailed information before you select a particular topic, click on any Topic Area title, or Topic Group title – or click on any Topic listed in the right hand column.



3. **Third Click** – Clicking on a Topic title brings up an introductory web page like this one. There will usually be at least several other related elements linked to this topic that you can select from this Icon Bar ...



...for instance, this icon will play the video sequence for this topic...



Video Size Selector – This lets you choose a smaller or larger video playing size to suit the speed of your Internet connection

The Video Size Selector dialog box is shown, featuring a dropdown menu currently set to 'LAN'. Below the dropdown are three rows of icons representing different video sizes: a large icon, a medium icon, and a small icon. The 'LAN' row has the 'LAN' label in red. The 'Cable' row has the 'Cable' label in red. The 'Dialup' row has the 'Dialup' label in red.

...and this one will download a Handout Activity Sheet for this topic as a PDF document.



This is what each icon means:

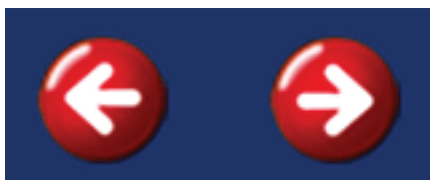


And here is what all the other controls do:

Breadcrumbs – These show you where you are, and the path to get there.

CDX ARK Online Home | Brakes | Braking Systems | Braking fundamentals | Drum & disc brakes

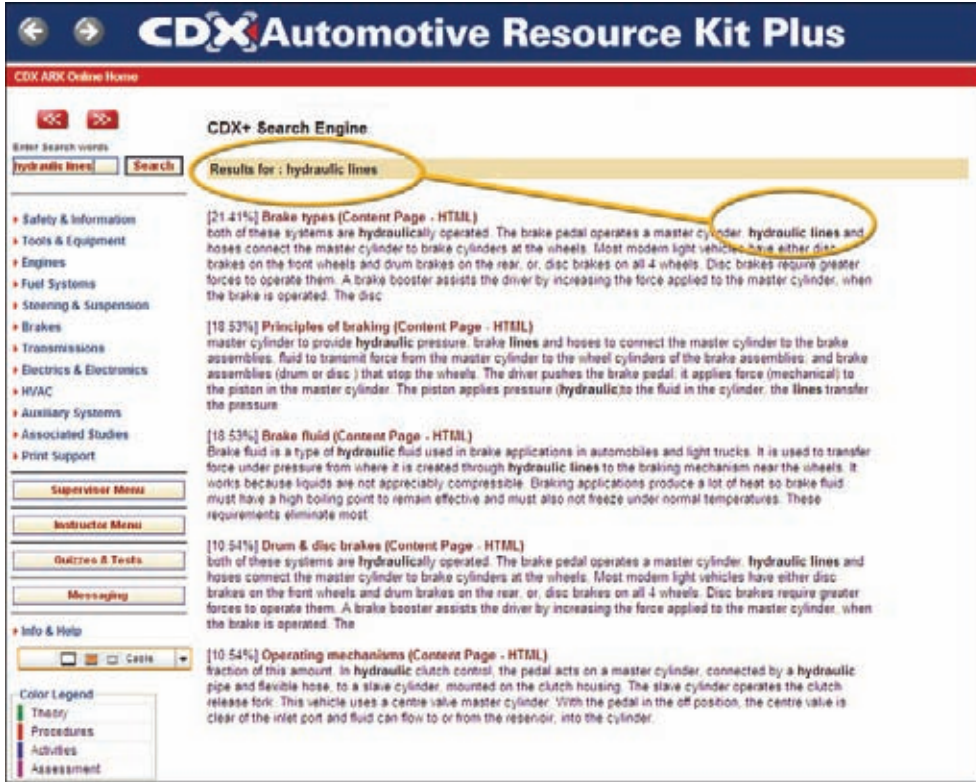
Back and Forward – These two buttons work just the same as the Back and Forward buttons on a regular browser.



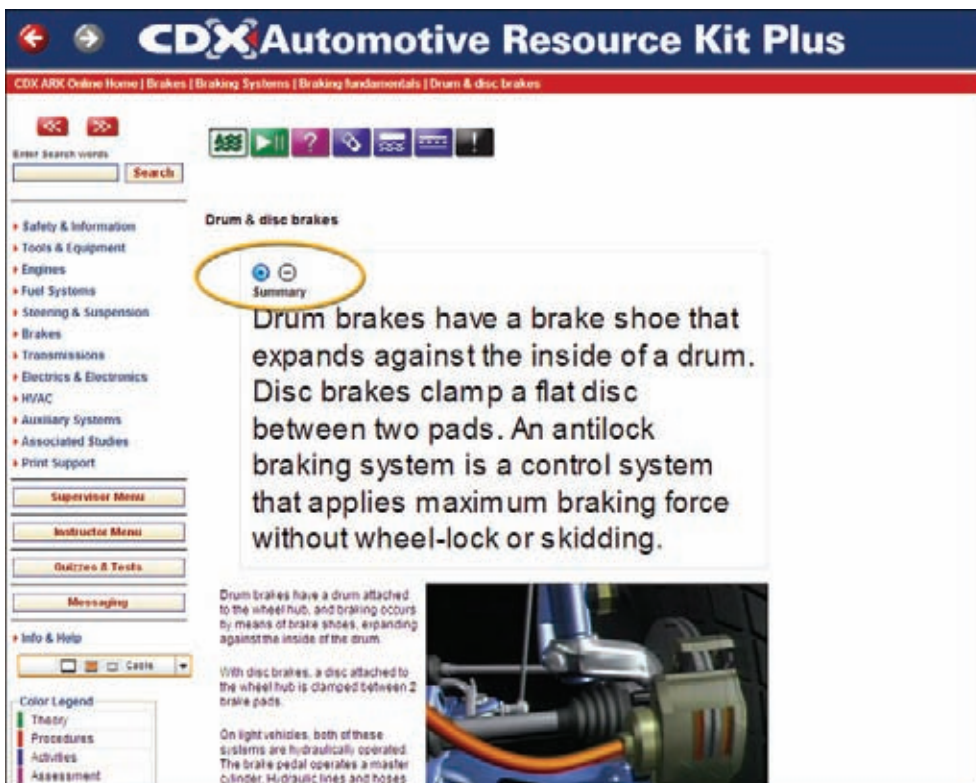
Previous and Next – These two buttons jump you forwards to the next topic in the menu sequence or back to the previous topic.



Search – This lets you find any word or phrase in the entire program.



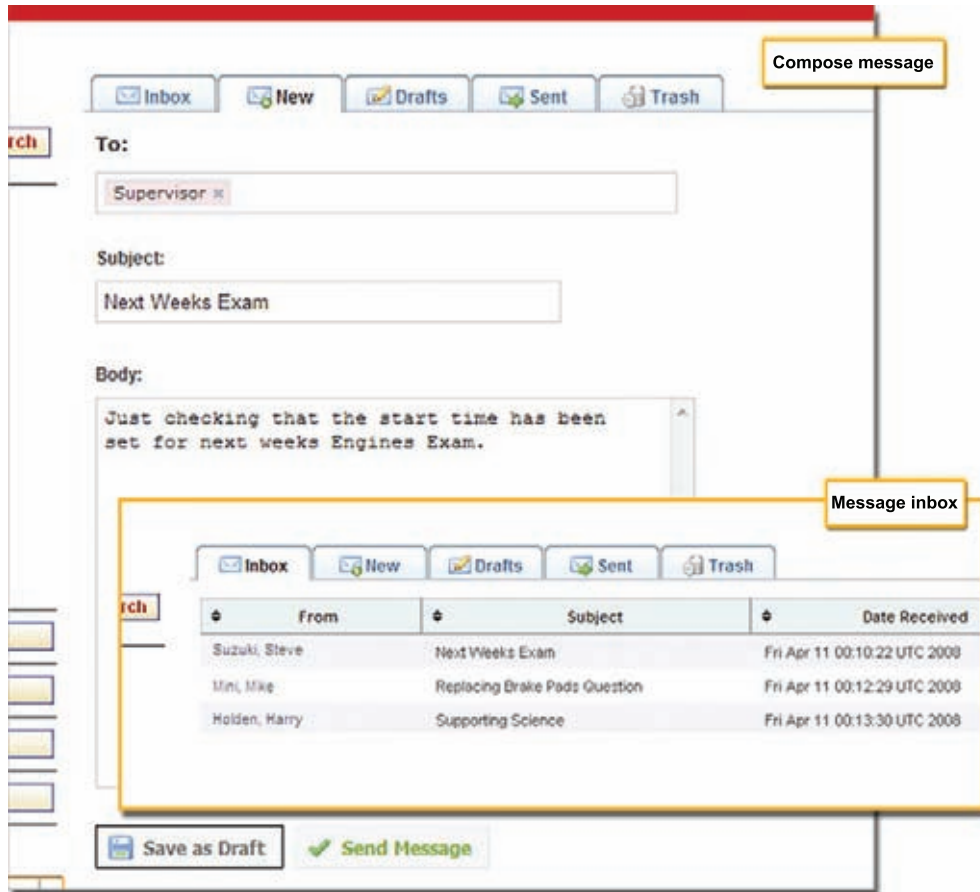
Summary Zoom – Click the 'plus' button to enlarge the Summary text so that even the students at the back of the class can read it clearly (click 'minus' to shrink it again).



CDX Plus Online Messaging

Even when you're not face to face, you still need to be able to communicate with your CDX Plus Online students.

CDX Plus Online now includes a secure messaging system that lets you give out assignments for an individual student or a whole class group at once, or answer your students' technical or administrative questions, or respond to their excuses, or coach remote students, or set remedial work for absentees.... all without leaving CDX Plus Online.



With CDX Plus Online you don't need to share your email address with everyone in your class, and you don't need to know fifty or more different email addresses to communicate effectively with your students. All you need is a CDX login....it's that simple.

- Send a message to one, a select few, or all of them at once.
- Next time they logon to CDX Plus Online, your message will be waiting.
- They can read it, respond to it, save it, or delete it.
- When they respond, their message will be waiting for you next time you go to the CDX messaging system or the next time you logon to CDX Plus Online.

Print Support Materials

These pages give you easy access to each of the Tasksheets, Handout Activity Sheets, and Workshop Procedure Guides – all in the one place. From here you can also print out collections of print support documents all at once, by Category, by Topic Area, or by Topic Group.

CDX Automotive Resource Kit Plus

CDX ARK Online Home

Enter Search words: **Search**

Print Support Materials
These pages give you access to each Tasksheet, Handout Activity & Workshop Procedure Guide PDF, as well as PDFs grouped by Topic Group, Topic Area and Category for easy printing.

ARK Tasksheets

ARK Category	Tasksheet Category pdf
Safety & Information	Category pdf (2.3MB)
Tools & Equipment	Category pdf (784KB)
Engines	Category pdf (2.5MB)
Fuel Systems	Category pdf (1.1MB)
Steering & Suspension	Category pdf (1.7MB)
Brakes	Category pdf (1.5MB)
Transmissions	Category pdf (2.3MB)
Electric & Electronics	Category pdf (2.2MB)

ARK Handout Activity Sheets & Workshop Procedure Guides

Category	Topic Area	Handout Activity Sheets	Workshop Procedure Guides
Safety & Information	Occupational Safety & Health	Topic Area list	Topic Area list
	Vehicle Information	Topic Area list	Topic Area list
	Vehicle Configurations	Topic Area list	Topic Area list
Tools & Equipment	Hand & Power Tools	Category pdf (7.1MB)	Category pdf (7.3MB)
	Workshop Equipment	Topic Area list	Topic Area list

Tasksheets

- 1 Select a category in this column and you can then view or print any individual tasksheet or group of tasksheets in that category.
- 2 In this column you can choose to view or print all of the tasksheets in that category, all at once.

Handout Activity Sheets

- 3 Selecting a Topic Area List in this column lets you view or print individual Handout Activity Sheets, or all those sheets in any Topic Group.
- 4 This link gives you all the Handout Activity Sheets in the whole category, all at once.

Workshop Procedure Guides

- 5 Selecting a Topic Area List in this column lets you view or print individual Workshop Procedure Guides, or all those sheets in any Topic Group.
- 6 This link gives you all the Workshop Procedure Guides in the whole category, all at once.

Individual Menus

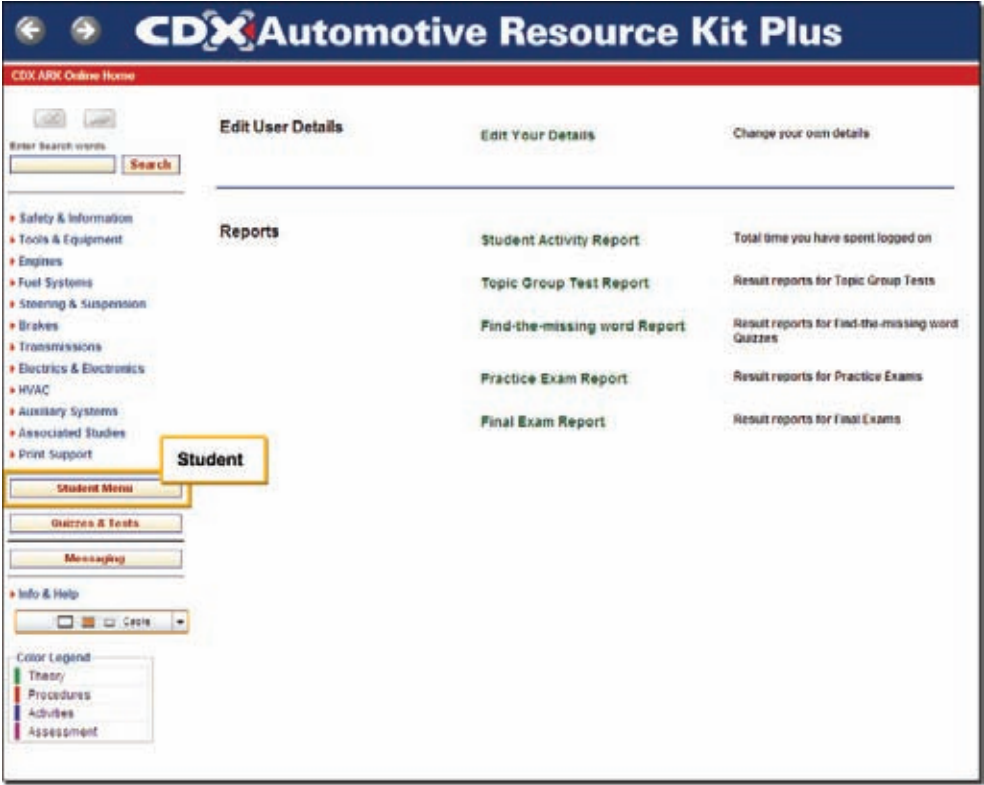
A supervisor can add or delete users and change some system defaults. Supervisors can also see the Instructor menu.

The screenshot displays the CDX Automotive Resource Kit Plus interface. The top navigation bar includes a search bar and a 'Search' button. The left sidebar lists various automotive topics: Safety & Information, Tools & Equipment, Engines, Fuel Systems, Steering & Suspension, Brakes, Transmissions, Electrical & Electronics, HVAC, Auxiliary Systems, Associated Studies, and Print Support. The main content area is divided into two sections. The top section, titled 'System Defaults', contains links for 'Change Menu System' (to set the default menu for all users) and 'User Guide' (a step-by-step guide in Adobe Acrobat.pdf format). The bottom section, titled 'Add User', contains links for 'Add Individual Student' (to add a student to CDX Plus), 'Add Individual Instructor' (to add an instructor to CDX Plus), 'Import List of Students' (to add multiple users via an Excel file), and 'Self-Enrollment Option' (information about the new CDX Access Pack). A yellow box highlights the 'Supervisor' menu item in the left sidebar. The bottom section also includes 'Edit / Delete User Details' (with sub-links for Student, Instructor, and Supervisor details) and 'Export User Details' (to export the user list to Excel).

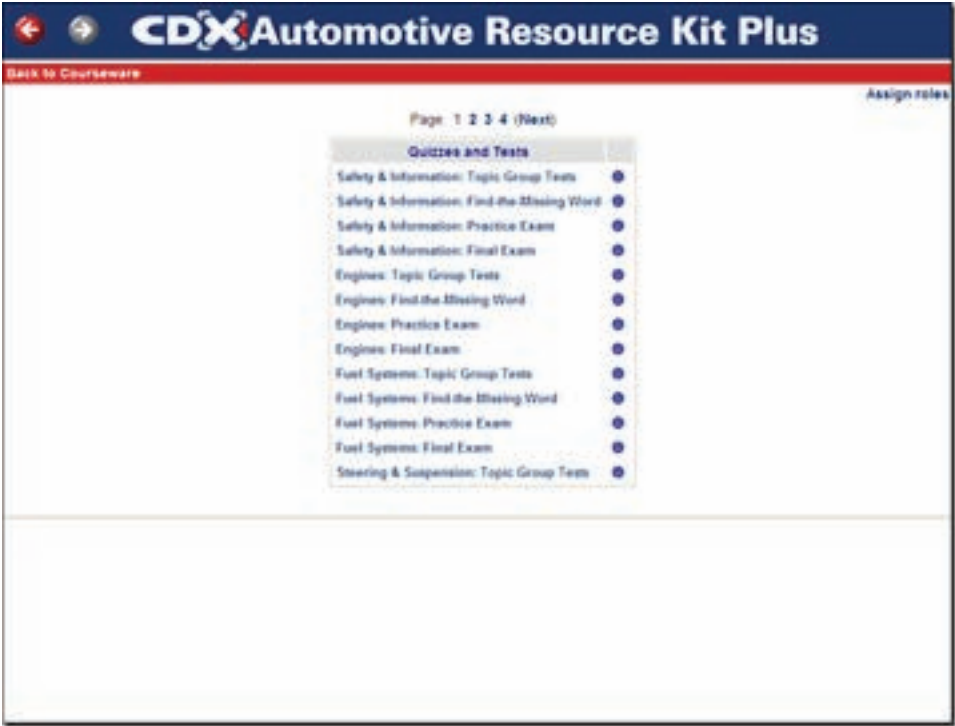
Instructors can change some student details, and run Activity reports and Test results reports.

The screenshot displays the CDX Automotive Resource Kit Plus interface. The top navigation bar includes a search bar and a 'Search' button. The left sidebar lists various automotive topics: Safety & Information, Tools & Equipment, Engines, Fuel Systems, Steering & Suspension, Brakes, Transmissions, Electrical & Electronics, HVAC, Auxiliary Systems, Associated Studies, and Print Support. The main content area is divided into two sections. The top section, titled 'Edit User Details', contains links for 'Edit Student Details' (to change student details) and 'Edit Your Details' (to change your own details). The bottom section, titled 'Reports', contains links for 'Student Activity Report' (total time students spend logged on), 'Topic Group Test Report' (result reports for Topic Group Tests), 'Find-the-missing word Report' (result reports for Find-the-missing word Quizzes), 'Practice Exam Report' (result reports for Practice Exams), and 'Final Exam Report' (result reports for Final Exams). A yellow box highlights the 'Instructor' menu item in the left sidebar.

Students can change their password, assign themselves to a particular class or group, and check their own results for any assessments they have undertaken.

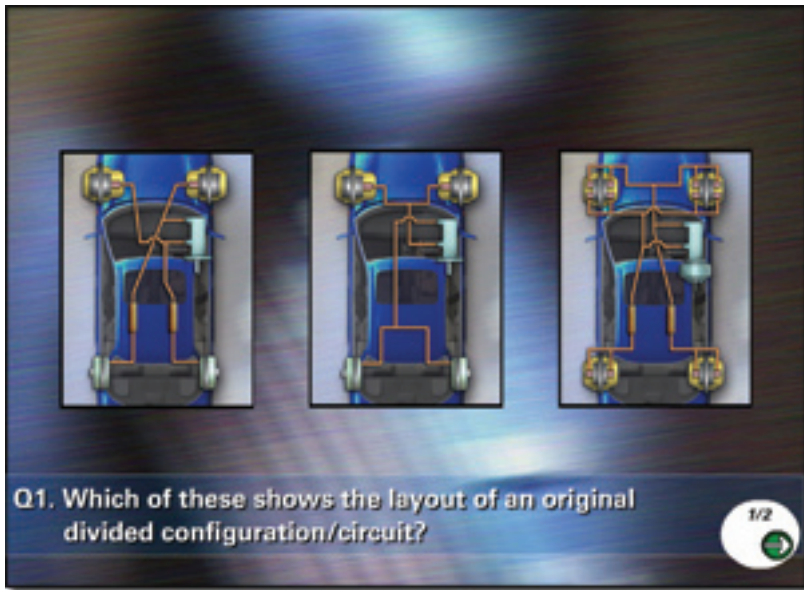


Quizzes and Tests – This links you to all the different types of assessment with recorded results.



There are five levels of assessment built in to CDX ARK+:

Knowledge Checks – 649 quick interactive reinforcement activities immediately check a learner’s knowledge of the key points of each Topic. (The results of these formative activities are not recorded)



Topic Group Tests – 180 short tests, each with 5 to 10 questions, confirm a learner’s recall and understanding of the content in each of the Topic Groups.

CDX Automotive Resource Kit Plus

Back to Courseware > Home > Outline > Braking systems topic group tests > Attempt 1

Braking systems topic group tests

1 Heavy goods carrying vehicles require extra braking in situations where friction brakes tend to absorb greater heat. Some manufacturers have overcome this situation by:

Heavy: 1

Choose one answer:

- ☒ a. increasing the applied air pressure
- ☒ b. increasing the size of the brake chambers
- ☒ c. fitting an exhaust brake
- ☒ d. fitting cooling fins to the brake stations

2 A vehicle is kept in motion by:

Heavy: 1

Choose one answer:

- ☒ a. friction
- ☒ b. potential energy
- ☒ c. kinetic energy
- ☒ d. retardation energy

3 All passenger vehicles must have at least:

Heavy: 1

Choose one answer:

- ☒ a. two independent braking systems
- ☒ b. two combined braking systems
- ☒ c. one independent braking system

Find-the-missing-word quizzes – Unlike most types of test, these 180 quizzes do not test a learner’s knowledge or recall. Instead, these activities have a very different purpose. They require the learner to review content from a Topic Group, and to find and accurately transcribe certain pieces of information - a skill that all technicians need, but some find very difficult without extensive practice.

CDXAutomotive Resource Kit Plus

Back to CoursewareHomeQuizzesBraking systems find the missing wordAttempt 1

Braking systems find-the-missing word

This is a research activity, not a knowledge check. So don't guess - go and find the topic page, find the sentence, find the **exact** word that is missing, and fill in the blank. Anything else will be marked wrong.

Page: 1 2 (Next)

Need help?click>CDXFind Content

1

The stroke of the engine will soak up some of this driving energy, slowing the vehicle down.

Hint: 1

Answer:

Need help?click>CDXFind Content

2

Other heavy goods vehicles use an engine brake that operates by altering braking.

Hint: 1

Answer:

Need help?click>CDXFind Content

3

Drum brakes have a drum attached to the wheel hub, and braking occurs by means of brake shoes, against the inside of the drum.

Hint: 1

Answer:

Practice Exams – These short and always different 10-question exams prepare students for the more extensive final exams. Drawing questions from the same extensive question banks, learners can practice as many times as they like until they feel confident and ready to tackle the final exams.

CDXAutomotive Resource Kit Plus

Back to CoursewareHomeQuizzesABS Brakes Practice ExamAttempt 1

ABS Brakes Practice Exam

1

Technician A says some anti-lock brake systems found in pick-up trucks control only the rear wheels. Technician B says that only some ABS systems on sedans are fitted to all wheels. Who is correct?

Hint: 1

Choose one answer.

☒ a. Technician B

☐ b. Neither Technician A nor Technician B

☐ c. Both Technician A & Technician B

☐ d. Technician A

2

There are four classes of lever.

Hint: 1

Choose one answer.

☒ a. TRUE

☐ b. FALSE

3

During an ABS application and the rapid changes in pressure, some systems allow:

Hint: 1

Choose one answer.

☐ a. Pulsations to be felt at the brake pedal

☐ b. The brake pedal to rise up slightly

☐ c. The brake pedal to creep down a little further

☐ d. The system pressures to rise above normal braking pressures.

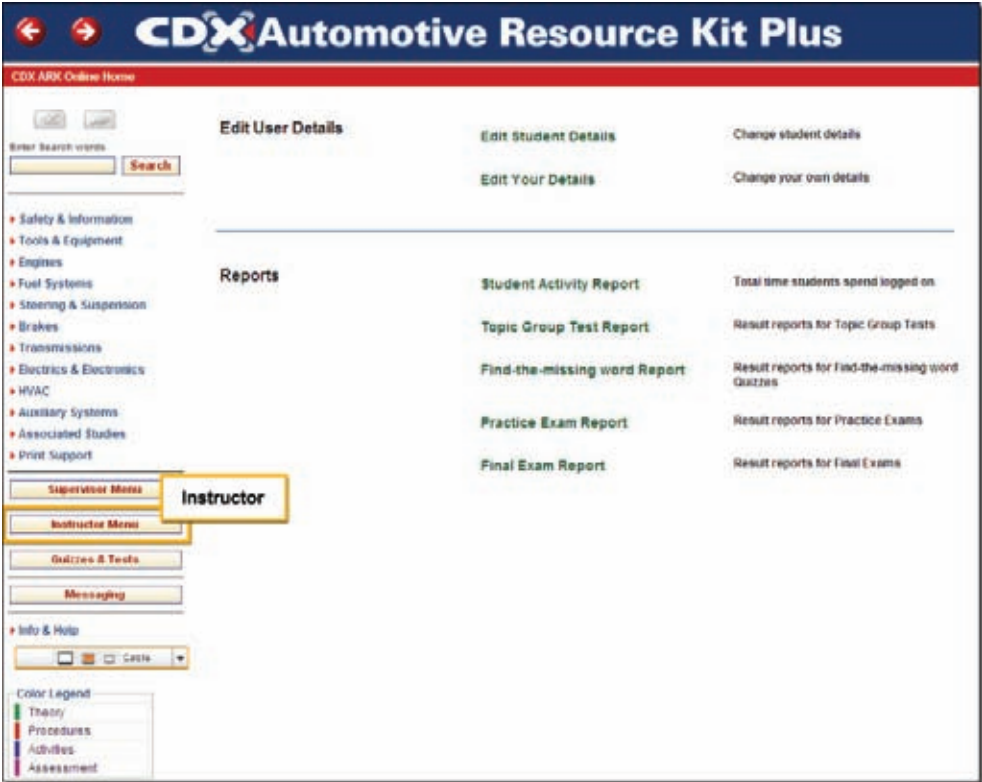
Final Exams – These searching examinations are based on each of the main menu categories in CDX Plus. Each exam contains 30-50 questions, depending on the size of the subject area, and each exam is unique, timed, and fully randomized.



Reports

Instructors have access to a flexible set of reports, covering student activity as well as test/exam results.

To get to these reports, select 'Instructor Menu' from the main menu panel.



Student Activity Report

Selecting the menu group

1 You may have different groups of students using CDX with different menu structures. The report information is different for each group so it is stored in different datasets. The tabs at the top of the report screen let you switch from one menu group to another.

Filtering the data:

For each report, you can then filter the results by a number of different criteria, so you get just the information you need.

... by content area

2 3 4 You can see exactly which parts of CDXPlus your students have been engaging with, by subject category [2], by topic area [3], or even by topic group [4].

...by date range

5 You can also set a time duration for this report by selecting start and finish dates.

...by student group

6 The report can include all students, or only students in a particular group.

7 Then select 'Filter Results' to display what you have chosen.

Sorting the data:

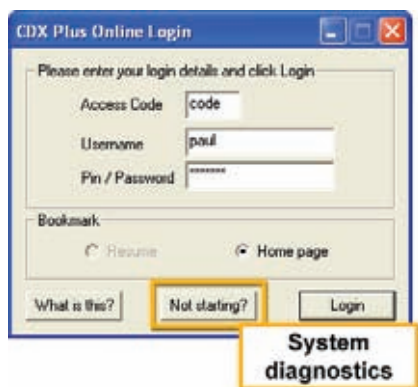
8 Your report rows can then be sorted by clicking on the name of the column you want the table to sort by.

Saving and exporting the report:

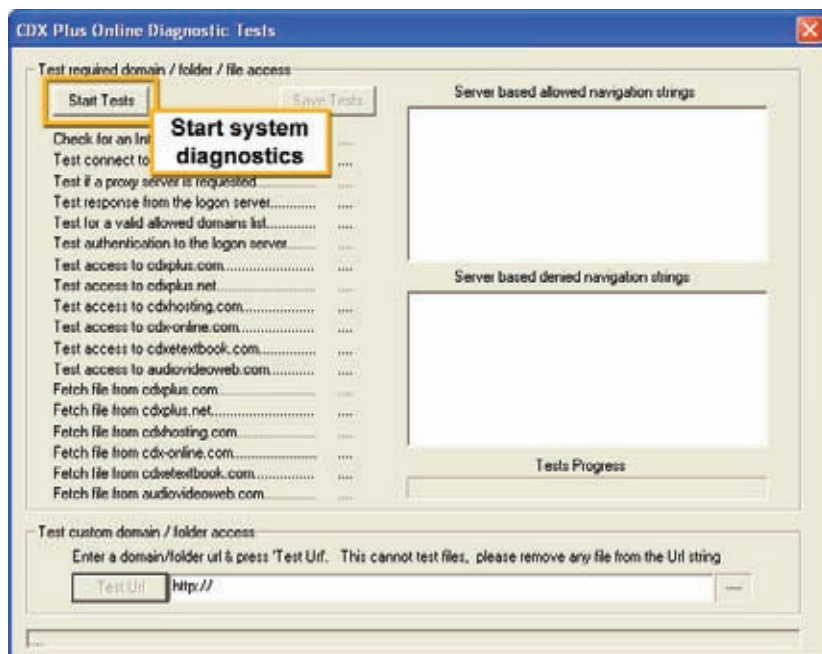
9 10 Export the report data to a .csv file [9], or save it for printing in .pdf format [10]

Troubleshooting

If your login details don't bring up the CDX Plus Program when you select 'Login', then make sure you have entered them correctly and select the '**Not starting?**' system diagnostics button.



This will bring up a new box, select '**Start Tests**'.
This should tell you why the program is not loading.



If that does not help you, or your IT department advisor, contact **CDX Customer Support**

CDX Contact/Customer Support

Web support: www.cdxglobal.com/support

Email support: support@cdxglobal.com

Contact information: www.cdxglobal.com/contact