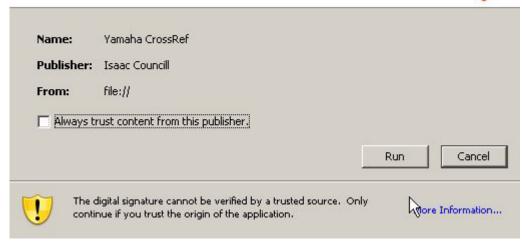
### X-Ref: The Yamaha XJ cross-reference database.

X-Ref is a valuable resource for anyone trying to locate parts made from Unobtanium. You can look up your part number on the appropriate parts diagram and enter it here to find a list of donor bikes that used that part or compatible parts(based on superceded part numbers). You can XJ-ify the list – that is, show only XJ models, or view the entire database! At the moment, the database contains every part used on Yamaha's US models from the early 70's. Plans are in place for future expansion of the database by users through a web portal.

When starting XRef from the XJCD menu, a new window will open, Java will load and then the following screen will appear:

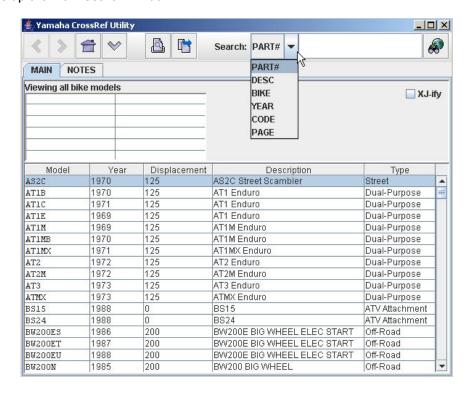
# The application's digital signature is invalid. Do you want to run the application?





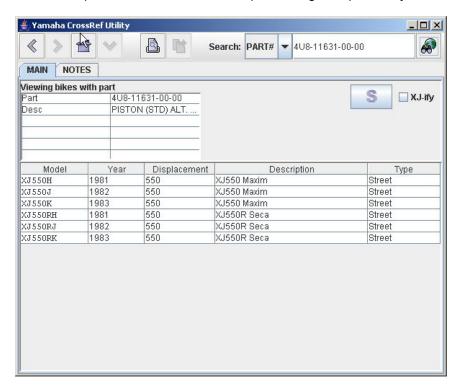
Since the powers that be want \$100 per year to remove this warning, you have a choice: you can always trust content from this publisher or you can hit "Run" every time you start the application. We're not paying the bandits.

Hitting Run brings up the main search window:



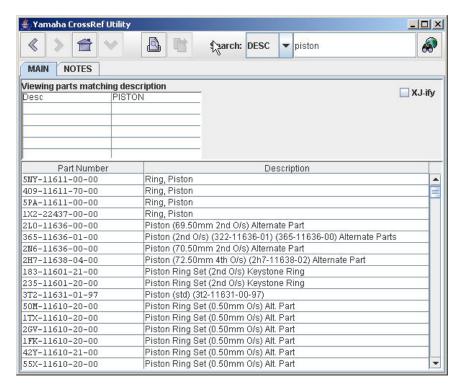
From here, you can use the search window to look for a specific part number or class of numbers using the wildcard character \*. Format the number using the same groupings with dashes as Yamaha and click the binoculars.

For example: 4U8-11631-00-00 will bring up a list of all bikes using the standard XJ550 piston. \*-11631-\*-\* will bring up a listing of all available pistons. 4U8-\*-\*- will list all parts designed specifically for that model.

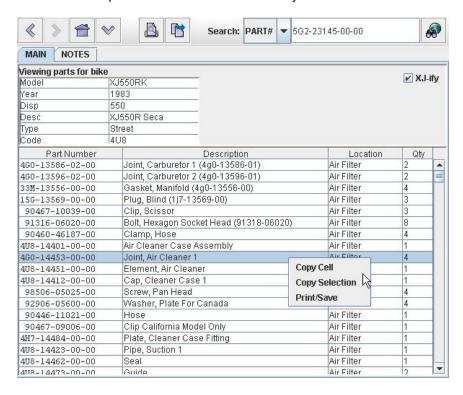


Clicking on any of the headings will re-order the list by that category, alternating between ascending and descending sorts each time it is clicked. You can also adjust the column sizes to your preferences by clicking and dragging with the mouse pointer. Your preferences will be saved if you are running the program from your hard disk.

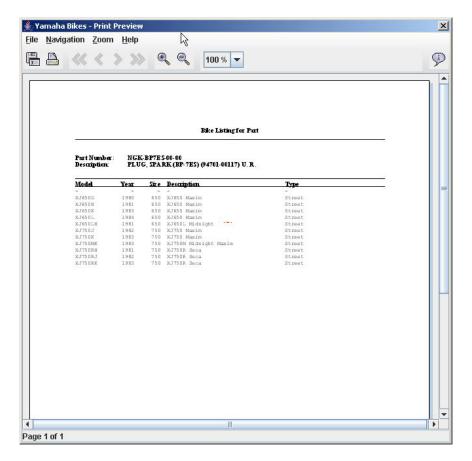
You can also search by description. Entering the word "piston" will show a list of all parts with "piston" somewhere in the description – pistons, piston ring, piston pin, etc. No wildcards are needed for this type of search. Searching by BIKE uses wild cards. \*750\* brings up a list of all 750 models, while XJ750\* brings up a list of XJ750 models. YEAR of course looks for models of a specific year and CODE searches the Yamaha model code (eg 4U8 in our above example). PAGE searches all fields on the currently displayed page only.



Moving to the left, the Copy button copies the selection to the "Notes" page – a quick scratch pad that saves you the bother of writing everything down. Of course, you can use the right mouse button or short-cut keys to copy selected items onto your clipboard for use in other programs too. For example, clicking on "Joint, Air Cleaner 1" highlights the entire row. Right clicking offers the choice of copying only that cell (IE, "Joint, Air Cleaner 1") or the entire highlighted selection to the clipboard. The third choice takes you to the Print Preview function.

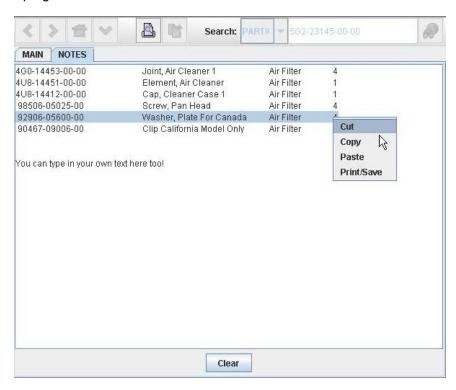


The Print Preview button does the same thing: it previews the current page, which can then be printed, saved or cancelled.

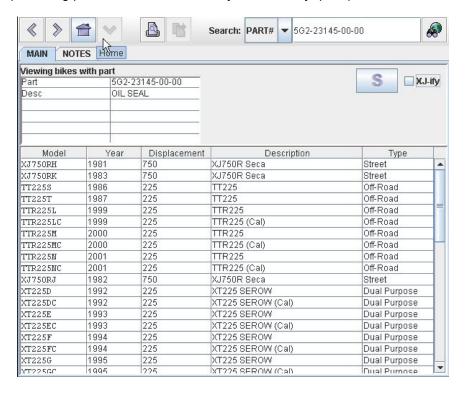


The Down arrow snaps the view to the next selection. Very useful when you are searching the page and want to see the next highlighted item on the page. Finally, Home, Forward and Back navigation buttons which function much like a web browser.

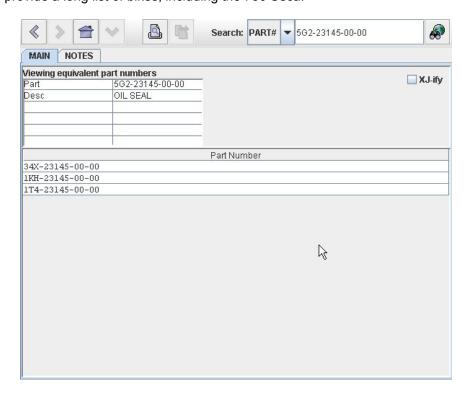
The Main and Notes tabs let you quickly flick back and forth while the XJ-ify check box limits the results to XJ models only when checked. The Clear button at the bottom erases all notes. You can type in your own text and drag the mouse to select existing text. Use the right mouse button or shortcut keys to cut and paste the information into other programs.



When you have selected a part, and are at the "Viewing bikes with part" screen, you will see a big blue button bearing the letter S appear beside the XJ-ify control. Clicking that button provides a list of alternate part numbers. The S stands for Superseded, but it actually works both directions -- it will show both parts that supersede the one you are looking at and parts that it superseded. Lists of bikes that part can be found on include models with both superseded and superseding part numbers automatically. We're really quite proud of that trick. ;-)



For example, if you look for the fork seal for a 750 Seca, 5G2-23145-00-00 and hit the S button, you will find that 34X-23145-00-00 1KH-23145-00-00 and 1T4-23145-00-00 will all work. Entering one of those part numbers will provide a long list of bikes, including the 750 Seca.



You can run the program outside of a browser window if you desire. In Windows, explore the xref\_0-2 folder and run the XRef shortcut or the XRef.bat batch file. In 'Nix or OSX environments, run XRef.sh. You can copy it to your hard drive for faster access. Simply copy the entire contents of the xref\_0-2 folder. When run from a hard drive, you can resize the window. Also, your screen settings and other preferences will be saved. This software is released under the GNU General Public License (see below), is authored by Isaac Councill, Gary Shulte and Jeff Lloyd and published by the XJ-Owner's Group XJCD Project under the direction of Dwayne Verhey. The authors can be contacted through the XJ-Owners mailing list: xj-owners@micapeak.com.

#### Known bugs:

You must have Java1.3 or higher for full functionality. Unfortunately, Apple has chosen to discontinue Java development for the classic Mac OS versions at 1.1 (no doubt to encourage sales of OSX). We are trying to develop a compatible version in 1.1 but have hit some snags.

Windows/Linux mouse behavior (doesn't show selections on mouse-over)

JFreeReports save features.

Shows blank screen if "Refresh" button is used when running in a browser in a Windows environment. Also if browser's "Back" button is used or if the XRef window is closed and you attempt to restart from the menu. You must shut down the <u>original</u> browser (the one with the XJCD menu) and re-start to return. Use XRef "Home" and "Back" buttons instead. Don't close XRef if you plan to come back to it. This is a known conflict between Java and Windows browsers only – it is not an issue when XRef is run as a stand-alone application as described above.

Does not like to be stored on a hard drive in a folder that contains spaces as part of the name. Avoid copying to a directory tree like "My Documents\XJCD Files". Use something like "c:\XJCD\_Files" instead. (note the use of an underscore instead of a space.)

Fails to load when using Netscape or Firefox in Windows 98 with Java 1.4.1. Loads with 1.4.2. Suggest upgrading to 1.5 (included in XJCD Volume 3 in the Java folder). Oddly enough, it has been successfully run on a Win95 machine, which isn't supposed to be compatible with Java 1.4.2. Use at own risk.

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Version 2, June 1991

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