

CODE SOFTWARE

Genericode 2005™

CODES ON COMPUTER

(COMPLETE)
Part #: GCODE

Computerized Code System
Genericode™ Code Search

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DISCLAIMER

The Genericode™ Computerized Code System consists of all available key codes for pin-tumbler, lever and wafer type locks used on automobiles (both foreign and domestic), file cabinets, drawer locks, desk locks, vending machines, night latches and many other types of locks used for commercial and residential applications.

We do not claim that this program is 100% complete or without error, nor do we represent these codes as original factory codes. Where the names Yale, Corbin, Briggs & Stratton, etc. appear, we merely list these names to indicate the type of lock on which we have found certain key code series used.

The sale of this program is restricted to security professionals who guarantee to make proper use of it in their regular profession of locksmithing. We reserve the right at any time to refuse the sale of this software program to any person, firm or corporation whose use of this program we might question.

COPYRIGHT STATEMENT/LICENSING

All rights reserved. No part of this program may be reproduced or trans- in any form or by any means, electronic or mechanical, or any information storage and retrieval system now known or to be invented, without permission in writing from the publisher. Use of the Genericode™ program is restricted to **ONE REGISTRANT and ONE LOCATION**. Any duplicating may be prosecuted. Problems arising from unauthorized duplication on additional computers are the sole responsibility of the purchaser. Gale Johnson is not liable.

RETURN POLICY

All opened software is non-returnable.

CHANGES FOR 2005

For 2005, you will find an updated automotive section in the program, as well as tumbler positions for motorcycles and a full cycle cross-reference program. A product search has been added to the Information Search section. New automotive and utility codes have been added, and users of Framon code machines can now select "Framon" in the setup menu; when looking up a code, Framon information will be shown by default if Framon is selected in the setup program.

BACKING UP YOUR PROGRAM

3 ½” Floppy Users: It is HIGHLY RECOMMENDED that a BACKUP of all program discs is made immediately. The back up program will operate equally as well as the original. We cannot be held responsible for lost or stolen program discs, damage to discs caused by negligence or improper storage, or other misuse caused by the customer. There is a \$25 fee for new disks. Storage of your back-up discs in a separate location away from your originals is recommended (another building is even better!). Please back up your program!!

SYSTEM REQUIREMENTS

The Genericode™ computerized Code System must be installed onto a hard drive. This system runs in DOS, and will need 30 MB of hard drive space. Installation into the hard drive is described in the INSTALLATION section of this manual. The program will work equally well running in a DOS window in Windows 95 or 98. The program can also be run from Windows NT, 2000, and XP if you have the CD-ROM installation. If you have Windows Me you will need our Genericode-Me program.

SUPPORT SERVICES

If there should be a software problem, call our technical staff during regular business hours 8:00am-4:30 pm EST (989) 354-5623 (Framon Manufacturing).

INSTALLING Genericode™

For Windows 3.1 thru WINDOWS 98 USERS – 3 ½” Floppy Installation

NOTE: We no longer support MS-DOS only operating systems. You must have at least Windows 3.1 to install Genericode.

- 1) Insert disk #1 into the floppy drive.
- 2) For Windows 3.1, click on “File” and select “Run...”. For Windows 95 & above, click on Start and select “Run...”
- 3) Type the letter of your floppy drive (usually A:) and type SETUP.EXE (example, A:SETUP.EXE)
- 4) The program will self-install. Insert additional disks as the program requests them.
- 5) Shortcuts for the program will be added to your desktop and program menu.

FOR WINDOWS 95 thru XP USERS – CD-ROM Installation

- 1) Click on the Start button, and select ‘Run...’
- 2) In the dialog box, type D:\Setup.exe (where D: is your CD-ROM drive)
- 3) The program will self-install.

After installation, you will have a shortcut on your desktop for Genericode™.

You can also make your own 3 ½” floppy disks from the CD-ROM. See the installation page that accompanied your program for more information.

After the installation is complete, the SETUP PROGRAM MUST BE RUN TO SET THE CODES PROGRAM TO YOUR SPECIFIC COMPUTER requirements. **(See below for complete instructions on operating the SETUP program.)**

STOP! If your program does not load or function correctly...

Optimal functioning of this program depends on properly following the installation instructions provided. Any deviation (i.e. installing individual files) may require complete removal and reinstallation of the program. We cannot be held responsible for damage to software or hardware resulting from improper installation or manipulation of individual files

OPERATING THE SETUP PROGRAM

Start the Genericode™ program. The "Genericode Programs" starting screen will be displayed. Press 'S' (capital S) to start the SETUP program. The SETUP program changes internal controls.

The following choices must be set before initially using the Genericode™ Computerized Codes program. Use up/down arrow keys to highlight each choice, then press ENTER.

- 1) Screen will display disk drive choices of A-H.
- 2) Screen will display "Silhouette printout ON" or "Silhouette printout OFF". Computers with graphics capabilities will support the "ON" choice. Older computers may need the "OFF" choice.
- 3) Measurements can be displayed using either inch or metric systems.
- 4) Standard, Framon, ITL or ECM 100 computerized key machine support can be chosen.
- 5) If computerized key machine support is chosen, then additional choices must be made. Note: An asterisk will show preferred choice.

- A) Port being used (1 or 2)
 - B) Baud rate used (150-9600)
 - C) Word length (7 or 8 bits)
 - D) Stop bit (ONE or TWO)
 - E) Parity (none, odd, even)
- If parity is 'OFF' on the ITL then choose 'NONE'
If parity is 'ON' then choose 'ODD' or 'EVEN'

See page 10 for information on setting up your ITL machine and page 5 for instructions on using Genericode™ with your ITL machine.

- 6) Choose a key blank manufacturer. This will be the default for ALL screens.
- 7) Choose a card numbering system. The North American choice will display the 1200CM card number. European choice will show Silca card numbers.
- 8) Choose the printer type you will be using: Dot Matrix, Ink Jet or Laser.

The SETUP program is now complete.

Parameters are now on file for use each time the program is used. SETUP can be re-run to reset options in the future. Simply press the S key at the main menu.

ITL COMPATIBILITY

This program can now operate most ITL computer driven key machines. To configure the program for ITL operation, use the SETUP program found on Page 4 of this manual. The last screen of the SETUP program displays "STANDARD SCREEN PRINTOUT" and "ITL KEY MACHINE SUPPORT". Use the up/down arrow keys to move the highlight bar to the appropriate choice then press the ENTER key. Genericode™ will now automatically display: F1) Return F2) ITL/Transmit on the screen each time the code program is used.

PREPARING THE ITL MACHINE

Baud rate should be set at 9600. Consult the ITL instruction manual for baud rate installation procedures. Baud rate need only be set once. It then becomes permanently set unless SETUP procedure is re-run. The cable can be purchased locally. Either a serial cable with DB9 male and DB9 female connector with straight through connections or a specifically wired cable are required. Consult the ITL manual for cable requirements.

Instructions for using Genericode™ **with** your ITL machine are found on page 10 of this instruction manual.

NOTE: The same default settings can be used when setting up an ILCO ECM100 machine

INTRODUCTION: GENERICODE™ COMPUTERIZED CODES

This code search program can access thousands of code series. Due to security precautions undertaken by hundreds of lock companies, code series have few standard conventions. Numbering systems for code series can be quite involved. For example: Ford 10 cut codes requires combining cuts from two code series. Code series may also have identical code numbers and key blanks, but different key cuts.

To reduce duplicate code occurrences as much as possible, the code index for this program has been divided into sections: Utility Locks, Vehicle Locks, Padlocks, Illinois/Chicago Double-Sided Keys, and Pre-'60s Autos. Code number and lock usage (i.e.: utility or vehicle) should be known before using this program. A search by all types can be chosen if lock type is unknown.

Once key code and lock usage information have been entered, the code system will display all code series on file that meet the criteria. In a majority of cases, less than- a full screen of code series choices will be displayed. If there are more code series than will fit on your screen, use the up/down arrow keys to move the highlight bar onto the next screen.

The primary use of the highlight bar is to bring code information to the screen. Move the highlight bar using the up/down arrow keys. Center the highlight bar on the code series of your choice. Press the ENTER key and all information necessary for originating a key will be illustrated.

At the end of all listings, a RETURN message will be displayed. Centering the highlight bar on RETURN and pressing the ENTER key will display the original START screen.

The program features a twelve manufacturer comparative key blank cross-reference. Twelve key blank manufacturers are shown at the top of the screen. Use left/right arrow keys to find the key blank made by the manufacturer of your choice.

The program also contains detailed cutting information for all of today's popular code equipment. Use up/down arrow keys to change the information in the lower right hand corner to display the desired cutter blade and code machine information.

CODE PRINTOUT UNIFORMITY

Genericode™ key codes have been collected over a period of 70+ years. Many code series are used as frequently today as they were decades ago. It is not always a simple process to decide which depth numbering system the manufacturer originally intended. In some cases code series using common key blanks have appeared in codebooks with varying depth-numbering systems. Some code series have also been printed with cuts reading tip to bow. In an effort to standardize the majority of Genericode™ computerized key codes, **all series have been changed to bow to tip print-outs and have depth numbering systems of lowest number being highest cut.** Depth numbering systems have also been changed in some instances to conform to factory standards. Genericode™ computerized code numbers may vary occasionally with numbers appearing in printed code books, but the resulting key cut by code should be identical in both cases.

HOW CODE NUMBERS CAN BE ENTERED

A key code can be entered exactly as it appears. Examples: 1A23, 142A, 132 or A145. Any combination of numbers or letters and numbers will be accepted for searching. Letters can be entered in upper case or lower case. Code numbers containing zeros as a prefix to the actual number can be entered with or without the zeros. Example: L001 or L1 will be recognized as the same code number. The computerized code search is only as good as the information entered. A code such as SS809 could also be read upside down as 608SS. A code such as B7S20 is often incorrectly read as 87S20. Certain automotive code series are printed on the original invoice with letter prefix omitted. Example: Nissan code X5678 may be on an invoice as 5678. In all known cases, the Genericode™ index contains dual references for these codes. Note: Due to variations in ward cut locations, some flat key codes do not display ward cut locations.

KEY SILHOUETTE DISPLAY

A unique feature of the Genericode™ code search is an onscreen silhouette of the finished key. The key outline forms a proportionally correct image. Single cut, double cut, non-convenience and lever style keys are shown depending on the code series. The silhouette eliminates guesswork for beginner or expert alike. Key silhouettes will operate on computers with CGA or VGA mode support. Some older computers may not support the graphics in this program. If your computer will not support these graphics the SETUP program must be rerun in order to select the Key Silhouette OFF option. (See SETUP section on Pages 4 & 5)

FEATURES OF THE GENERICODE™ COMPUTERIZED CODE PROGRAM

To use these features press the CAPS LOCK key to set computer for capital letter display. Access the new features by pressing S, E, D or I keys.

"S" (SEARCH)

Use this key for accessing Additional Codes in the same series. Example: Original code was S100. After this code is displayed, press "S" key. Screen will accept another code in same series such as S108. Type S108 then press ENTER. S108 information will be displayed.

"E" (EDIT)

Use this key for accessing a code from known key cuts. First, display any key code in the chosen code series. Once this code is displayed, press "E" key. Screen will accept known key cuts. The program will then check all cuts in the chosen series. If the known cuts appear in the series, the code will be displayed. The program will display up to 48 codes from the chosen series that contain the desired cuts. A powerful additional feature allows for a partial set of cuts to be inserted by typing a dash (-) for each unknown cut, or an equals sign (=) for cuts you do not need a search for.

PROGRESSION CHARTS: When in the "E" (EDIT) screen, or when you are in the Cuts to Code screen, and the program has searched out all possible key cut matches, the bottom of the screen will display: F1) Return F2) Progression. Press F2 for a progression of the key cut possibilities. Progression charts will be displayed showing the most cuts that can be tried on each key blank. Groups are displayed with largest group of progressions first. Follow instructions on screen for cutting trial cuts until the correct cuts are found. Code search and progression displays can be used for most code series in utility and vehicle sections.

TRYOUT KEYS: Tryout keys can be displayed using the edit function. Once a group of key cuts have been displayed, choices of "Edit" and "Tryout" also appear on the screen. If "T" (Tryout) is pressed, two new choices appear on the screen. "F1) ABCD" links cuts as follows: A(1,2) B(3,4) C(5,6) D(7,8). "F2) XYZ" links cuts as follows: 1 separate, X(2,3) Y(4,5) Z(6,7). Half-step tryout cuts are shown. Tryout key cuts are often helpful when fitting keys to some ignition locks on newer vehicles when partial cuts have been taken from another lock on the vehicle.

"I" (INFO)

This added feature allows you to access special information you have added to key code listings. Press "I" to access information during any code search. See "D" (Different) section below for entering special information.

"D" (DIFFERENT)

Use this key for changing code cuts or for adding information. First, input any key code in the chosen series. Once this code is displayed, press the "C" key. The screen will display "Change key Code" and "Change blank info". Use the up and down arrow keys to indicate you choice the press ENTER.

When "Change key code" is chosen, screen will display present cuts in program. Cuts displayed as continuous zeros show no present cuts are known. Insert new cuts then press ENTER.

Genericode™ file records are then changed to the new key cuts. **Use this feature with care. Incorrect key cuts will produce future code access inaccuracies.**

When "change blank info" is chosen, screen will display a 16-digit area where special instructions can be inserted. This information can be deleted or changed in the future. Instructions are filed with the key blank and can be accessed each time a code series using that blank appears on the display. Special information can be accessed by pressing "I" while any code is on display.

START MENU SEARCHES

The Genericode™ START menu displays ten choices:

F1) GENERAL CODE PROGRAM. Input a known code, then press ENTER. A secondary screen allows smaller and faster searches by utility, vehicle, padlock, antique auto and ILL/CHG double-sided code series.

F2) UTILITY LOCK SEARCH. Finds list of code series for each OEM manufacturer (i.e. HON, Steelcase). Choose from a list of over fifty popular OEM manufacturers or type in an unlisted name.

F3) VEHICLE LOCK SEARCH. Search for key codes, transponder servicing, tumbler locations and vehicle opening instructions by vehicle make, model and year. Includes information for every popular car sold in North America from 1976 to 2001.

F4) CYCLE LOCK SEARCH. Search for key codes by name of cycle manufacturer. For 2005, you can also select "Full" from the cycle menu, enter a cycle manufacturer, and view a listing of all known information for each model and year of cycles.

F5) PADLOCK MFR. SEARCH. Lists all individual code and combination series available for popular foreign and domestic padlock manufacturers.

F6) ORIGINAL MFR. SEARCH. Displays lists of code series for each lock manufacturer. Choose from a list of over fifty popular domestic and international companies or type in an unlisted name.

F7) SEARCH BY KEY BLANK. Search for all code series used by a given key blank. Numbers from most popular key blank manufacturers can be input for searching.

F8) DEPTH /SPACE PROGRAM. A Depth/Space program is integrated into Genericode™. Searches can be made by card numbers used by major key machine manufacturers or by lock types such as commercial, domestic auto, utility lock, flat key, etc. There are fourteen categories containing over 1000 separate depth/space charts.

F9) INFORMATION SEARCH. A complete listing of the Locksmith Ledger's directory with company information, websites, e-mail addresses and phone numbers.

F10) KEY BLANK DATABASE. Search for key blanks by manufacturer, recently updated to include most European blanks.

If the Genericode™ program is set to operate an electronic code machine, cuts can be input using the depth/space program and information sent directly sent to an electronic machine for originating.

If the Genericode™ program is not set for electronic machine support, information can be sent from the depth/space program to a printer for originating cards that can be used on the 1200CM manual code machine.

VEHICLE OPENING & TRANSPONDER INSTRUCTIONS

This option is available after entering the Vehicle Lock Search feature and selecting the desired vehicle make, model and year. After selecting vehicle information, the screen will display the code series for your selected vehicle. This screen now also displays VEHICLE OPENING INSTRUCTIONS and TRANSPONDER SRV INSTRUCTIONS.

Transponders duplicating and originating instructions are included where applicable. 'Vehicle Opening' displays instructions for the door, linkage, and tool used.

F1-DOOR: Displays picture of the door with dimension measurements.

F2-LINKAGE: Displays a drawing of the linkage within the door; also shows opening instructions.

F3-TOOL: Displays both a picture with approximate dimensions of the tool needed to open the door plus opening instructions.

(Instructions for the car-opening feature are based on the best available information. We do not take responsibility for any damage done to vehicles (i.e.: broken windows, damaged linkage) while following the instructions shown in this program.)

KEY BLADE ILLUSTRATIONS

The next generation of the "Key Silhouette" is "THE KEY BLADE ILLUSTRATION." You can now see the exact shape of the key you're cutting. An end view of each key blank is displayed next to the Key Silhouette. This feature is invaluable in determining the correct blank. Testing for the correct blank is easily done by pointing the key tip at the screen and visually comparing the picture with the actual blade shape.

With over 4,500 different illustrations you'll have all the information you need at your fingertips!

KEY BLANK COMPARISON

One of the most recognized Genericode™ features is continually improved with additions of new key blank comparison numbers. ALL popular comparisons are available with a touch of your keyboard.

CUTTING CHICAGO DOUBLE-SIDED KEYS BY CODE

Shims are necessary to hold the Chicago key blanks firmly in the code machine. Shims can be made by using common key blanks from your keyboard. Key blanks to be used are: 1000G, 1123, 1125D and 1041N. Trim the bow area off of each blank, leaving only the key blade that will be used as the shim. The 1041 N blade will have to be cut in half lengthwise.

Use the blade area of the 1000G blank to support either side of the 1041 G blank.

Use the blade area of the 1125D blank to support the short side of a 1041GA or 1041GR. Use the blade area of the 1123 blank to support the long side of a 1041 GA or 1041 GR.

Use the blade area of the 1125D blank to support either side of the 1041 K.

Shims serve two purposes. They support the key blank helping to prevent vibration from loosening key in vise jaw. The shim also provides a level surface that supports the first cut side while the second side is being cut.

USING GENERICODE™ WITH AN ITL MACHINE

You may access individual codes using the same procedures required for the standard screen printout format. When code cuts and depth/space information are displayed on screen, [F1) Return F2) ITL/Transmit] will appear at bottom of screen. Press "F2" to send remote table data to an ITL machine. A special screen will display instructions for ITL operation.

Information is sent by the Genericode™ Computerized Codes program using the remote table data format. Depths, spaces, flat width, and key cuts plus all other necessary data is automatically sent. Correct jaw insert number will be displayed. Install proper insert and tighten key blank in ITL vise jaw. Press "cut key" on ITL machine to start key cutting procedure. The program will restart screen display for double-sided keys. Follow screen instructions for cutting reverse side.

An "ITL CONNECTION PROBLEM" message will be displayed if improper connections have been made. Press "Reset" on ITL machine and "Restart" on the Genericode™ display. Check serial connections and baud rate setting before trying program again. If problems persist or cable connections cannot be made, consult with ITL Tools Ltd. for further instructions.

ITL Tools Ltd.
Phone: (604) 852-8904
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Our sincere thanks for choosing Genericode™. Genericode™ is marketed by Framon Manufacturing Company, Inc., 909 Washington Ave., Alpena, MI, 49707. If you have a questions pertaining to your order, contact us at (989) 354-5623.

The Genericode™ help line is (989) 354-5623, and is available Monday thru Friday, from 8:00 am to 4:30 pm, Eastern Time.