

LASER



Quick-Start Guide

*** IMPORTANT ***

PLEASE READ THE FOLLOWING INSTRUCTIONS
CAREFULLY AS IMPROPER USE CAN DAMAGE
THE MACHINE AND MAY VOID THE WARRANTY!



Technical Support: 1-800-891-2118
Mon-Fri from 8 to 5 Eastern Time

Setting up the

LASER

BIANCHI1770GROUP



994

How to connect cables and turn the machine ON

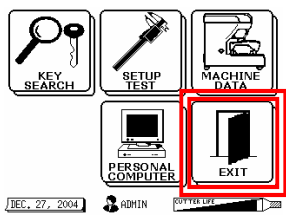
Do Not Install Jaw Until Instructed on Page 2 of this Guide

1. Attach the 9-pin connector cable to the **LOWER** port on the back of the console **AND** to the back of the machine. **SECURE WITH ATTACHED SCREWS!**
2. Attach power cord to back of machine and plug into a properly grounded outlet.
3. Make sure the ON/OFF switch above the power cord is to the ON position.
4. Rotate the Emergency Stop button towards the back of the machine until it releases outward.
5. The machine will now begin to start-up. This process takes a few seconds. Proceed with Password Entry.

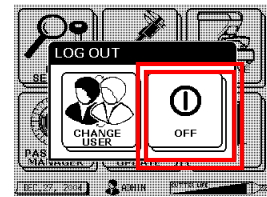
How to turn OFF the machine

1. Select **BACK TO MAIN MENU** from any screen

2. Select: **EXIT**



3. Select: **OFF**

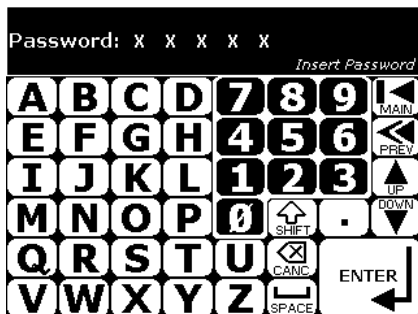


4. Screen will display **NOW YOU CAN TURN OFF THE MACHINE.**

5. Press the **Emergency Stop Button** to turn OFF the machine.

Quick Start – Password Entry

1



Touch Screen

For best results use a non-metallic stylus such as a plastic tip end of a pen, tip of brush handle, etc.

Type in Master Password: **Call Technical Support at 800-891-2118 for Password. (Monday-Friday 8am-5pm EST)**

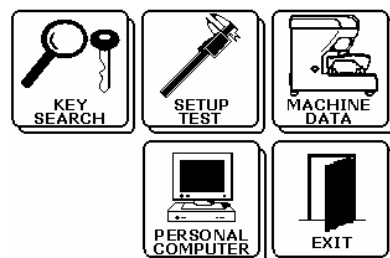
Press: **ENTER**

2



Press: **YES***

3



DEC. 27, 2004

ADMIN

CUTTER LIFE

Your **LASER**
BIANCHI770 GROUP **994**

Is Now Ready for Use

* If **YES** is selected the following should occur:

- The default password should be changed by the assigned Administrator for continued security of the Machine. If the password is not changed, anyone can access the secured screens using the default password.
- The new Master password should be documented and stored in a safe place in case the password is forgotten.
- The Master (Administrator) Password permits access to all screens.
- All other USER passwords will not have access to secure screens.
- At least one additional new password should be assigned for USERS other than the Administrator.
- To add additional USERS see page 36 in your machine manual



IMPORTANT

Before using the machine to cut any keys, please **CALIBRATE ALL THE JAWS** using the template (it is silver and has the key ring on the one end) found in the black accessory case. Follow the directions on page 2 of this guide.

This adjustment is necessary due to fluctuations and changes that have occurred during shipping.

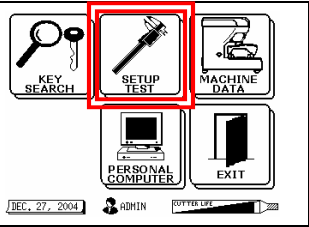
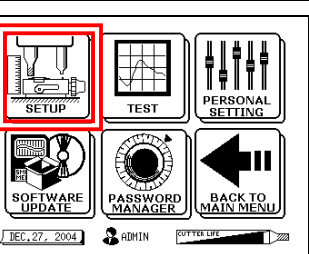
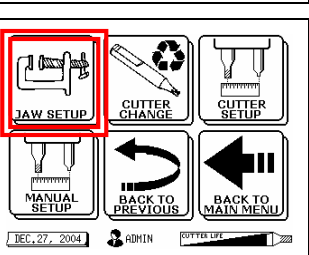
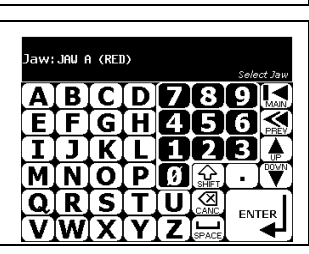
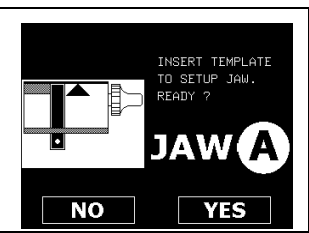

Next, **CALIBRATE THE CUTTER**. Follow the instructions on page 3 of this guide. **DO NOT REMOVE THE CUTTER FOR CALIBRATION.**

Failure to follow this procedure correctly may cause damage to the tracer, cutter, and/or jaw and may result in voiding any warranty.

If you have any questions on these procedures, please contact Technical Support Monday-Friday between 8am-5pm Eastern Standard Time at:

1-800-891-2118

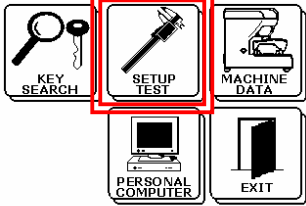
Jaw Calibration Procedure

<p>1. Select: Setup/Test</p>	
<p>2. Select: Setup</p>	
<p>3. Select: Jaw Setup</p>	
<p>4. Select: Desired Jaw (use DOWN arrow to select other jaws). Press: Enter</p> <p>Install Jaw to far left of carriage until it stops. CLAMP TIGHT WITH JAW LEVER.</p>	
<p>5. Insert the SILVER TEMPLATE. (metal bar with key ring in accessory kit). Hold blank FLAT in jaw & press down while tightening. Press: YES to calibrate jaw</p>	
<p>6. SETUP OK – Remove TEMPLATE</p> <p>Press: OK</p>	


Cutter Calibration Procedure

Calibrate the Jaw(s) before calibrating the cutter.
(See JAW CALIBRATION PROCEDURE ON PAGE 2). This will ensure proper key cutting.

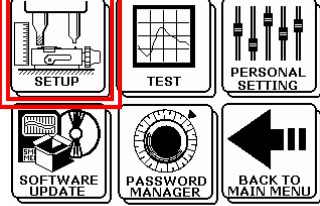
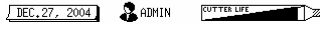
1. Select: Setup Test



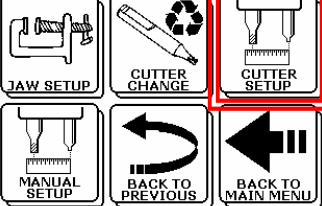

For initial setup, go directly to Step 3 after calibrating jaws.



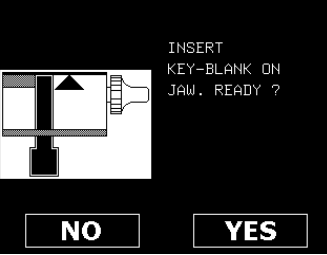
2. Select: Setup

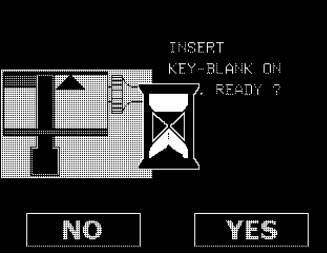
3. Select: Cutter Setup

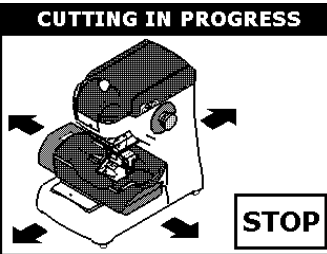
4. Insert Brass Test Blank (from toolbox). Press: YES



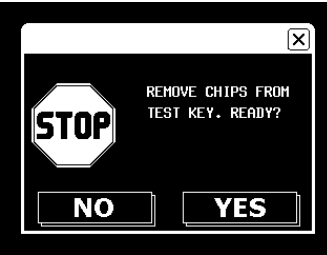
5. The tracer will locate the jaw.




6. Cutter will notch brass blank.



7. Remove ALL chips from key with brush. Press: YES



8. Tracer will verify calibration. Press: OK. Remove blank.



How to Cut by Code

If required, Enter Your Password:

1

Select: **Key Search**

2

Select : **Search by Code**

3

Enter Desired Key Code
Press: **ENTER**

4

If desired vehicle is not displayed—
Touch: **Down Arrow** to view additional vehicles with similar codes.
Press: **Desired Make/Model**
Press: **ENTER**

5

Verify key code is correct
Press: **ENTER**

6 Key blank reference is displayed
Press: **Enter**

7

Follow screen prompts –
Insert correct Jaw and clamp tight.
Insert key blank - **Press down on blank while clamping jaw tight.**
Press: **YES**

8

Follow on-screen prompts until cutting is complete.

How to Cut by Decode

Decode Metal Keys Only! Do Not Decode Plastic Keys!

1

Select : **Key Search**

2

Select : **Car Model Selection**

3

If desired Make is not displayed—
Touch: **Down Arrow** to view additional vehicles with similar codes.
Select: **Desired Make**
Press: **ENTER**

4

If desired Model is not displayed—
Touch: the **Down Arrow** to view additional vehicles with similar codes.
Select: **Desired Model**
Press: **ENTER**

5

If desired Year range is not displayed—
Touch: **Down Arrow** to view other key styles.
Select: **Desired Year range**
Press: **ENTER**

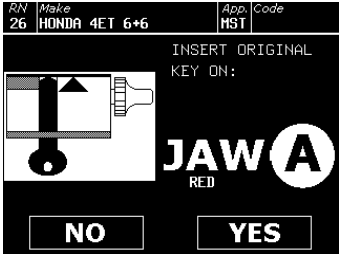
6

Select : **Cut by Decode**

Continue

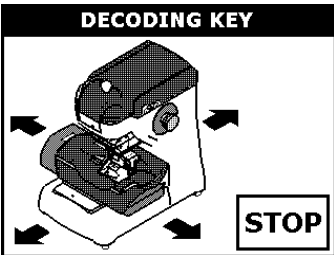
How to Cut by Decode (cont.)

7



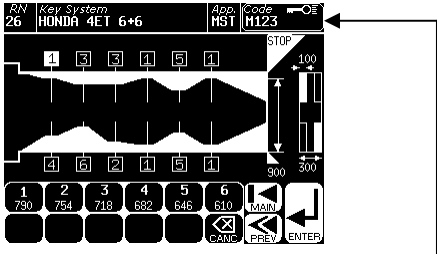
Insert Jaw and clamp tight.
Insert ORIGINAL key blank- press down on blank while clamping jaw tight.
Press: **YES**

DECODING KEY



Decoding In Process

8



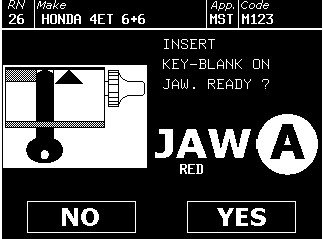
Verify Decoded Key
Press: **Enter**

9

Make	Model	Year	App.
HONDA	Civic	2003-2005	MST
Original	ILC-35111-T5H		(MG00)
	35113-80K-A01		(MG00)
	35113-89A-A01		(MG00)
Barnes	C28722		(MG00)
Iico	HD01T5		(MG00)
Jet	HD110-N-PHT		(MG00)
Keyline	-		
Silca	HON66T5		(MG00)
Straltec	692247		(MG00)
Transponder: MEGAMOS Fixed Code (MG00)			

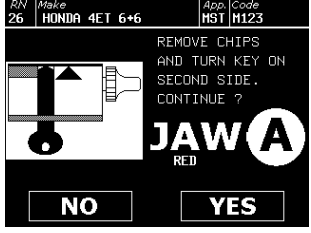
Key blank reference list is displayed
Press: **ENTER**

10



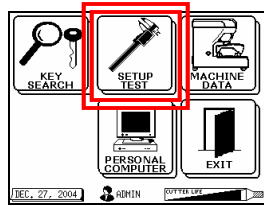
Remove ORIGINAL key.
Insert new key blank- press down On blank while clamping jaw tight.
Press: **YES**

11

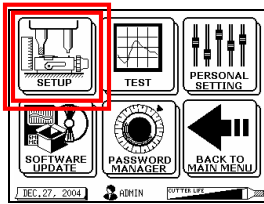


BRUSH OFF ALL CHIPS -
Turn key over and press down on blank while clamping jaw tight.
Press: **YES**

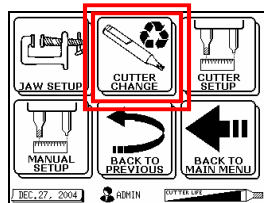
How to Replace the Cutter



Select: **SETUP TEST**

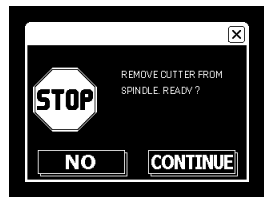


Select: **SETUP**



Select: **CUTTER CHANGE**

1. Insert **RED** rod through hole in top of machine
2. Rotate rod until it drops into position
3. Press down to lock onto cutter
4. Rotate until arrow on **RED** rod points left (9 o'clock position)
5. Insert **LONG T-wrench** into black collar on left side of cutter guard
6. Loosen 4 turns. Leave wrench in place
7. Remove **RED** rod with cutter attached
8. **DO NOT INSTALL NEW CUTTER AT THIS TIME!!!**
9. Press: **CONTINUE**



**** DO NOT INSTALL CUTTER ** – Press CONTINUE**



10. Insert new cutter on **RED** rod – Pressing in until it clicks
11. Insert **RED** rod with new cutter through hole in the top of the machine
12. Rotate until cutter **RESTS LIGHTLY** on the **SILVER DOT** on the jaw
13. Tighten setscrew with the Long T-wrench
14. Remove T-wrench and **RED** rod – Press: **YES**

Reset Cutter Counter?

Press: **YES (only if cutter is brand new)**

How to Change the Tracer

1

1. Remove Jaw
2. Make sure the **RED** lever is flipped to the right
3. Remove the chip tray by lifting up the front of tray and tilting tray backward
4. **CAREFULLY** slide the tray to the left. **BE SURE NOT TO HIT THE TRACER**

2

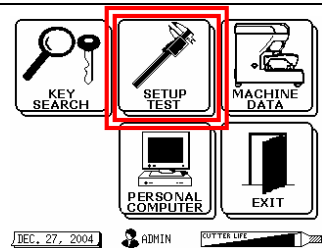
1. Use small T-wrench to loosen tracer setscrew.
2. Insert into hole in right side of shield
3. Unscrew 4 turns
4. Pull out tracer
5. You may use pliers to remove the tracer if it is broken or bent.

3

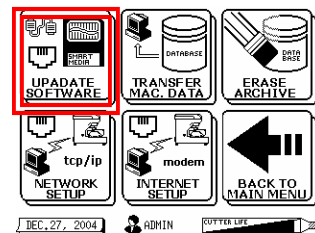
1. Install new tracer as far as it will go up - you cannot go too far.
2. Be sure flat side of tracer is to the right to allow the setscrew to seat properly.
3. Tighten setscrew. **DO NOT OVER TIGHTEN!**
4. **SEE JAW SETUP AND CUTTER SETUP INSTRUCTIONS ON PAGES 2 & 3.**

How to Update Software

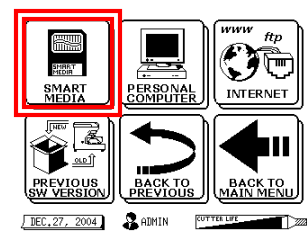
1. Select: **Setup Test**



2. Select: **Update Software**

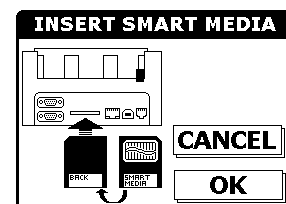


3. Select: **Smart Media**



4. When prompted, insert Smart Media in slot on back of console.

Press: **OK**

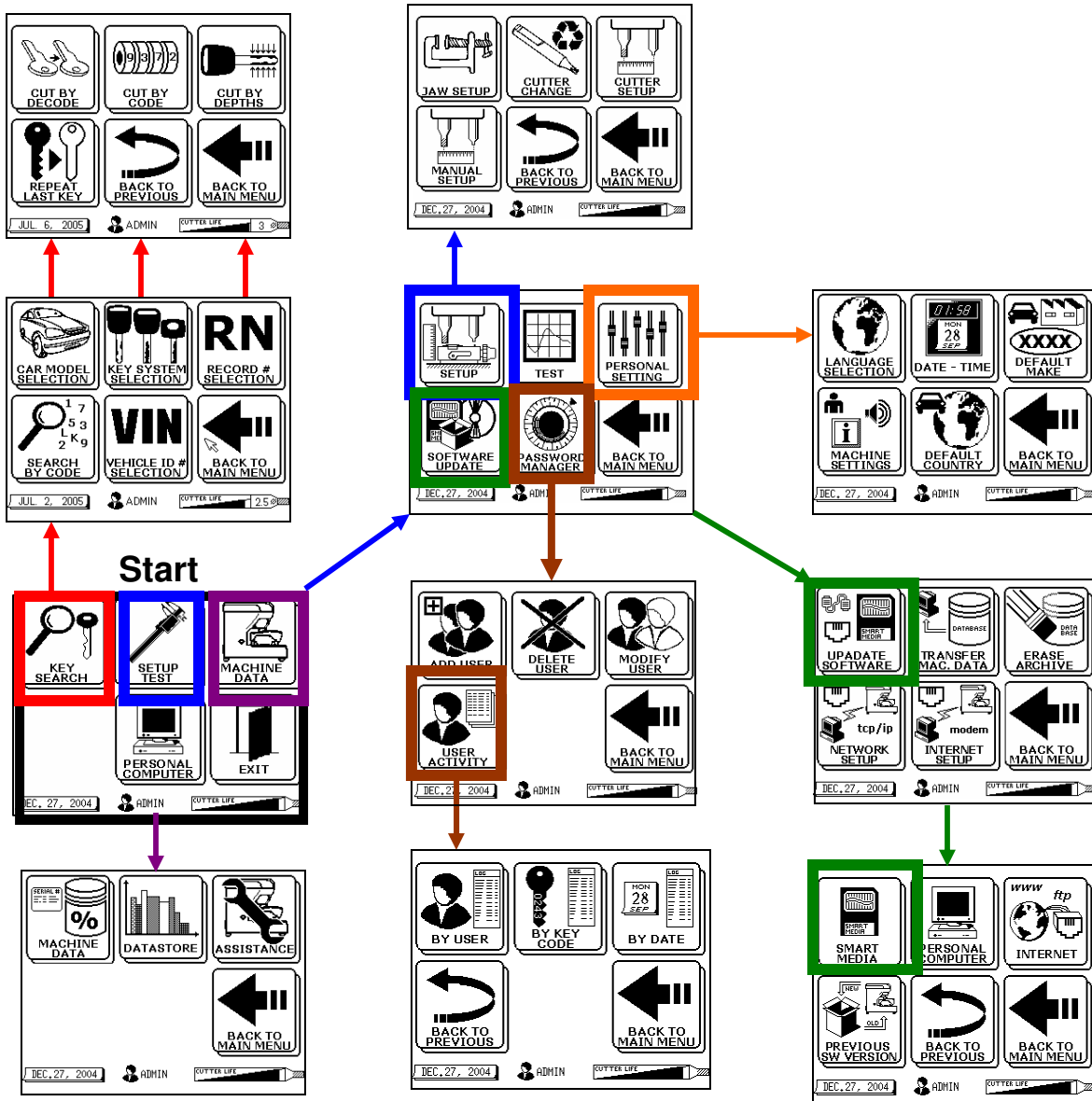


5. The machine will automatically update and display "Update OK"

Remove the Smart Media card **ONLY** after password screen is again displayed.



Short Form Instructions



For Technical Support call 1-800-891-2118

Bianchi 994

Replacement Parts List

Description	Part Number
Universal 2.5mm cutter	B3320
Tracer	B3310
Plunger Tool	B3315
Honda test blanks (5pk)	B3353
Cutter setup blanks (5pk)	B3319
Jaw calibration template	B3354
Red "A" Jaw	B3311
Gray "B" Jaw	B3312
Green "C" Jaw	B3313
Blue "D" Jaw	B3314
Fan Filter	B3326
Infiniti Adaptors	B3352
3mm T-wrench (Long)	B3316
2.5mm T-wrench (Short)	B3317
Automatic Vacuum Attachment	B3318