

Instructions for downloading the software and loading curves From Loner1 ..I took this from an old thread.

Group: Members

Posts: 1419

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These detailed instructions will be covered in several installments so please bear with me and I'll add to it as my time allows.

IMPORTANT NOTE: 2002 CHIEF OWNERS...DO NOT USE THE ULTIMATE CURVE AS SPECIFIED IN THE INSTRUCTIONS! SUBSTITUTE "ULTIMATE PP02" WHEREVER YOU SEE "ULTIMATE"! THE ORIGINAL ULTIMATE CURVE IS NOT COMPATIBLE WITH THE POWERPLUS ENGINE!

WinZip Software Download/Installation

1. Double click this link to download the WinZip software: WinZip Software
 - a) when the "File Download" dialog box comes up, left click the "Save" button
 - b) a dialog box named "Save As" will pop up
 - c) left click the down arrow on the right side of the "Save in:" window
 - d) left click "Desktop"
 - e) left click "Save" in the lower right corner
 - f) the file will now be downloaded to your Desktop

2. Install the WinZip software
 - a) go to your Desktop and locate the "winzip81.exe" file after the download is complete
 - b) double click the file
 - c) a dialog box named "WinZip 8.1 Setup" will pop up
 - d) left click "Setup" in the upper right corner
 - e) a dialog box named "Winzip Setup" will pop up
 - f) left click "OK" to accept the default
 - g) a dialog box named "Setup Complete 1 of 2" will pop up
 - h) left click "OK"
 - i) a dialog box named "Setup Complete 2 of 2" will pop up
 - j) left click "OK"
 - k) a dialog box named "Winzip Setup" will pop up
 - l) left click "Next"
 - m) a dialog box with the License Agreement will pop up
 - n) left click "Yes"

- o) left click "Next"
- p) select "Start with WinZip Classic" and left click "Next"
- q) select "Express Setup" and left click "Next"
- r) left click "Associations" and left click "OK"
- s) left click "Next"
- t) left click "Finish"
- u) the WinZip application will open up automatically...close it by a left click on the "X" in the right upper corner after closing the "tips" dialog box

SmartLink Software Download/Installation

1. Double click this link to download the SmartLink software: SmartLink Software

- a) when the "File Download" dialog box comes up, left click the "Save" button
- b) a dialog box named "Save As" will pop up
- c) left click the down arrow on the right side of the "Save in:" window
- d) left click "Desktop"
- e) left click "Save" in the lower right corner
- f) the file will now be downloaded to your Desktop

2. Install the SmartLink software

- a) go to your Desktop and locate the "SmartlinkDealer.exe" file after the download is complete
- b) double click the file
- c) a dialog box named "WinZip Self-Extractor" will pop up
- d) left click "Setup" in the upper right corner
- e) a dialog box named "Welcome" will pop up
- f) left click "Next"
- g) a dialog box named "User Information" will pop up
- h) enter any characters in the "Name" and "Company" windows
- i) left click "Next"
- j) a dialog box named "Choose Destination Location" will pop up
- k) left click "Next" to accept the default
- l) a dialog box named "Select Program Folder" will pop up
- m) left click "Next" to accept the default
- n) a dialog box named "Start Copying Files" will pop up
- o) left click "Next"
- p) a dialog box named "Setup Complete" will pop up
- q) left click "Finish"

Programming the Thunder-Heart Module

1. Set up your laptop computer (or desktop computer for those without laptops) next to your bike within the Smartlink cable's reach (i.e. 6 ft.)

and turn it on.

2. Remove the seat (not necessary on the Chief)

- a) remove the two large hex head screws that attach to the frame (near the lowest point on the seat)
- b) remove the hex head screw that attaches to the rear fender
- c) slide the seat rearward an inch or two to dislodge the forward seat tang
- d) carefully lift the seat off the bike

3. Flip the engine switch to the "RUN" position

4. Insert the key into the ignition and turn it to the "ON" position

5. Locate the Thunder-Heart Ignition module

- a) small silver box with a red LED and a plug near the rear fender

6. Insert the 9-pin D-sub end of the SmartLink cable into the serial port on the computer

- a) the serial port is typically on the rear of the computer and looks like a "D" that has been turned in it's side. There will be 2 rows of pins: 5 near the large side of the "D" and 4 near the small side.
- b) most computers now have only one serial port but if you have a choice of two, try to determine which is COM 1 and use it rather than COM 2

7. Insert the other end of the SmartLink cable (it looks like a P/S 2 connector) into the Thunder-Heart module AFTER wiping the dirt off

8. Open the SmartLink program

- a) left click the "START" button
- a) move the cursor up to "Programs"
- b) move the cursor over to "Smartlink OE"
- c) move the cursor over to "Smartlink OE"
- d) left click to open program

9. Program the module with the Ultimate curve

- a) left click "Link" on the menu bar
- b) a dialog box named "Communications Status" should come up with with a successful message and a firmware version (if a "Communications Error" message is displayed, left click "Cancel", close the program by left clicking the "X" in the right upper corner, and go back to step 8).
- c) left click "OK"
- d) a dialog box named "Upload Module Settings" will pop up
- e) left click "Yes"
- f) your correct module settings will be graphically displayed

- g) left click "Open" on the menu bar
- h) a dialog box named "Open" will pop up
- i) left click the down arrow on the right side of the "Look in:" window
- j) left click "Desktop"
- k) left click "Ultimate.slk" in the large window
- l) left click "Open" in lower right corner
- m) a dialog box named "Smartlink" that says "Save changes to untitled" will pop up
- n) left click "Yes"
- o) a dialog box named "Save As" will pop up
- p) left click "Save" to accept the default
- q) your stock curve will be saved to your desktop under the name "untitled.slk"
- q) a dialog box named "Download Module Settings" will pop up
- r) left click "Yes" to program module with the Ultimate curve
- s) the white boxes in the graphical display will turn red to signify a successful flash
- t) close the program by left clicking the "X" in the right upper corner
- u) a dialog box named "Communications Status" will pop up
- v) left click "OK"
- w) you're done...disconnect everything and put the seat back on
- x) ENJOY!

NOTES:

1. Be advised that altering your ignition in any way constitutes grounds for termination of your Indian warranty!

2. The stock ignition curve can be flashed back into the Thunder-Heart ignition module at any time by substituting the name "untitled.slk" wherever the instructions say "Ultimate.slk". However, in step 9n left click "No"!