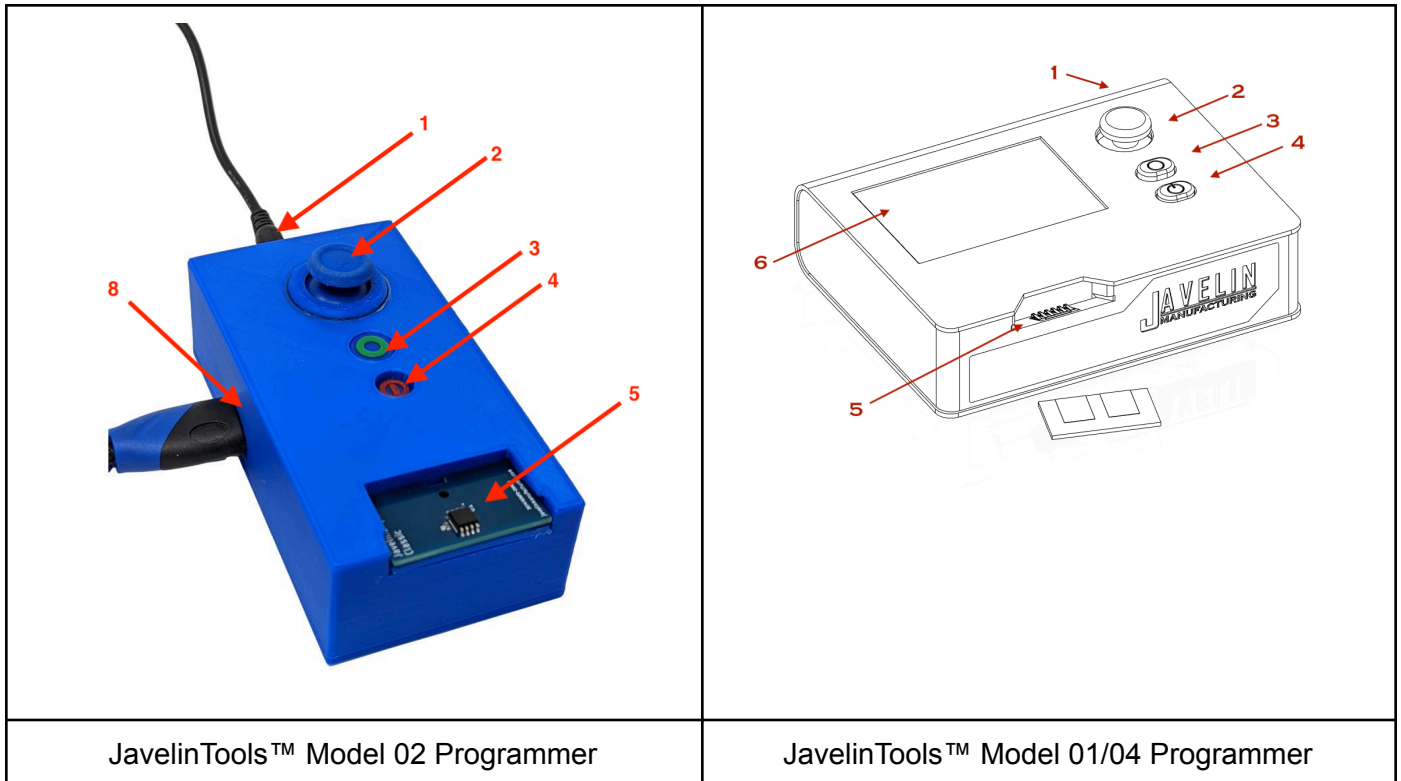


JavelinTools™ EEPROM Programmer



1. DC 5V Power Jack
2. 5 Way thumbstick (Left, Right, Up, Down, Center Press)
3. Select Button
4. Power On/Off Button
5. EEPROM Slot
6. Display Screen (AIO only)
7. Reserved
8. HDMI port (Screenless only)



Starting the Unit:

- For the *screenless version*, connect an HDMI monitor to the HDMI port (8).
- Plug the unit power supply in and wait for the main menu to appear.

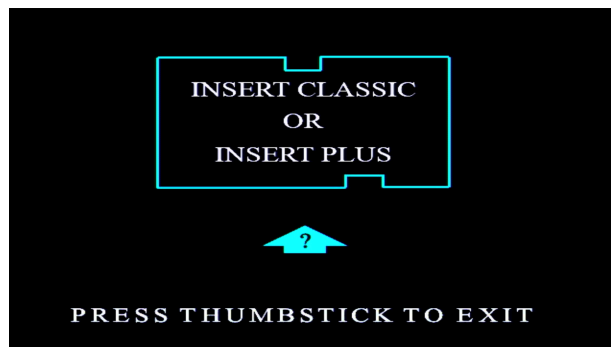
Main Menu

- **PlusCheck** Test Plus Chips
- **Model** Model EEPROM
- **Support** Support EEPROM
- **Read** Read/Refill an EEPROM
- **Refill** Turn on auto-refill mode
- **Date** Change From [Current Date]
- **Version** Displays the Version
- **Menu** Allows customizing the programmer

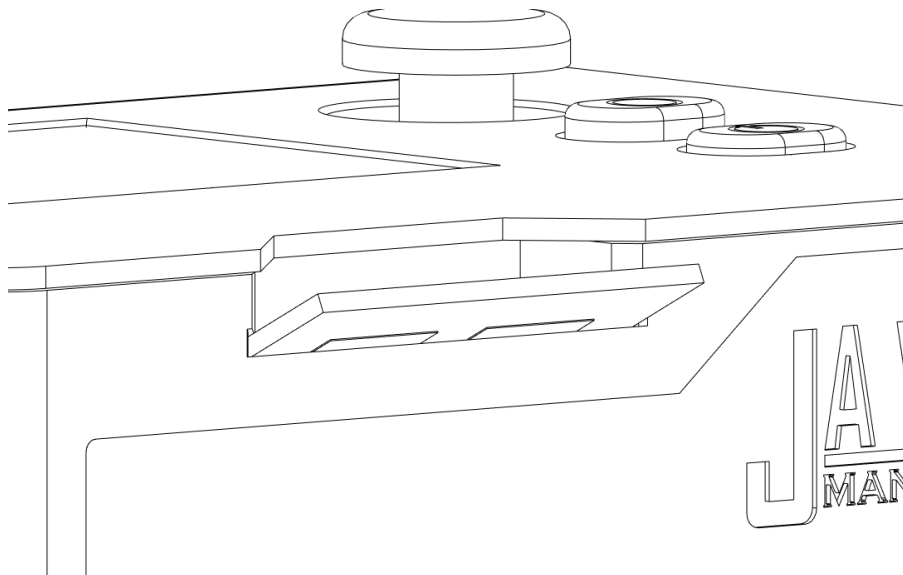


Inserting EEPROMs

The reader will graphically show you the orientation of the notch on the EEPROM for insertion. The metal contact pads always face down towards the programmer's contactors.



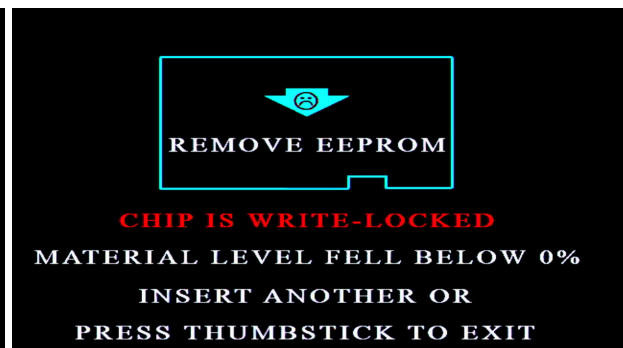
The EEPROM will only partially insert into the slot on the reader





Plus Check

The plus check feature allows the users to check if OEM plus chips are writable or write-locked.

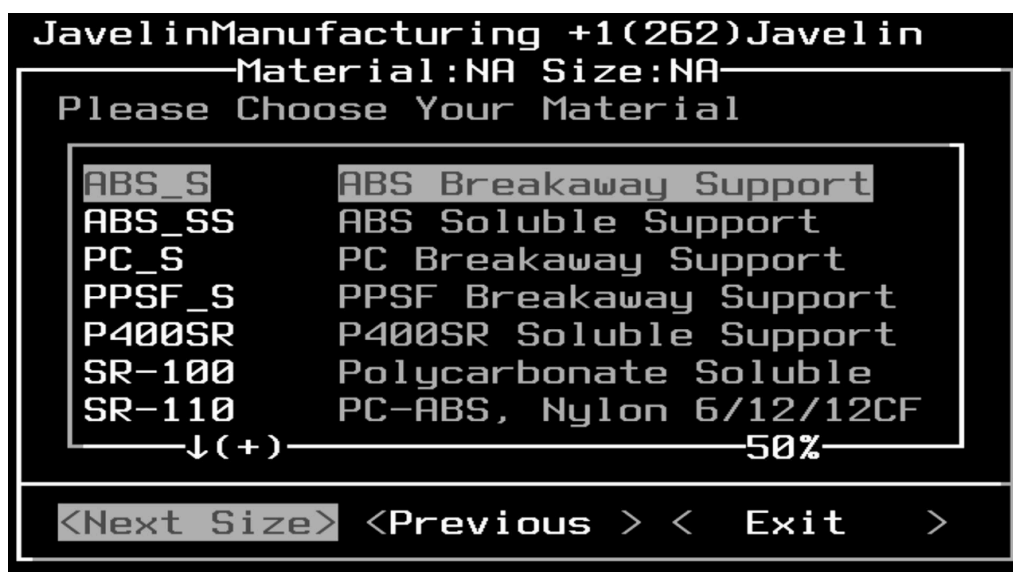
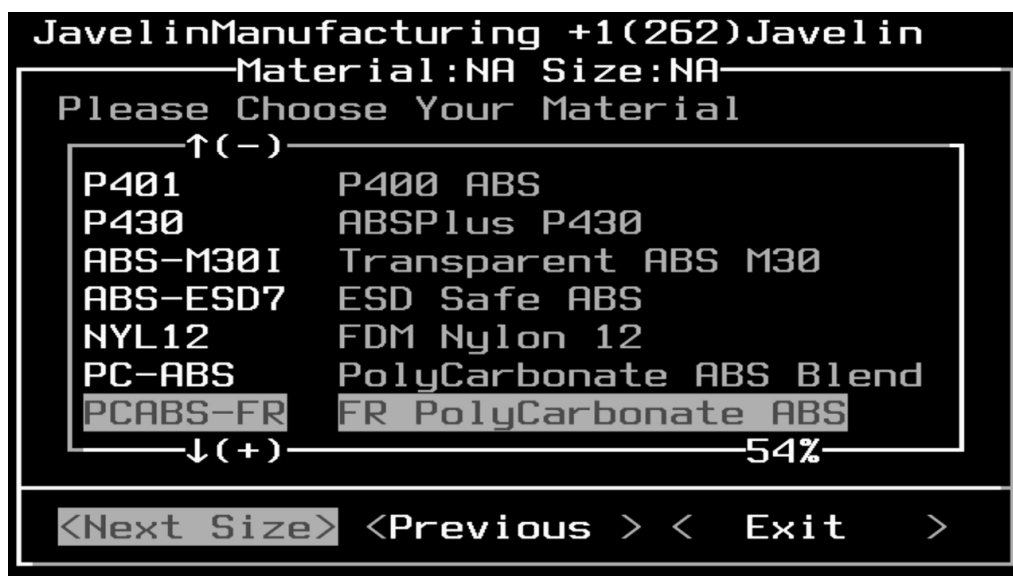




Model & Support

The model and support menus have the same options after the initial material selection dialog.

Your progress in creating a custom EEPROM will be shown in the header. Select the material you want to program using the thumbstick and press the center of the stick to move to the next option, "Next Size" or return to the main menu by selecting "Exit"





Spool Size Options

The most common material sizes are listed for you to choose from as well as a custom size if you choose:

A screenshot of a software interface for Javelin Manufacturing. The title bar reads "JavelinManufacturing +1(262)Javelin". Below the title bar, the text "Material:P430 Size:NA Machine:NA" is displayed. The main area is titled "Please Choose Your Roll Size" and contains a list of options. The options are: 98, 190, 56.3, 92.3, 184, 999, and 050. Each option is followed by a description: 98 is "92.3 Plus Overfilled", 190 is "184 Plus Overfilled", 56.3 is "56.3 Dimension", 92.3 is "92.3 Fortus/Titan/Vantage", 184 is "184cu Extended", 999 is "Custom cu", and 050 is "050 Last Custom Fill Amt.". The option "56.3" is highlighted with a grey background. At the bottom of the window, there are three buttons: "< Next >", "<Previous> < Exit >", and "< Previous >".

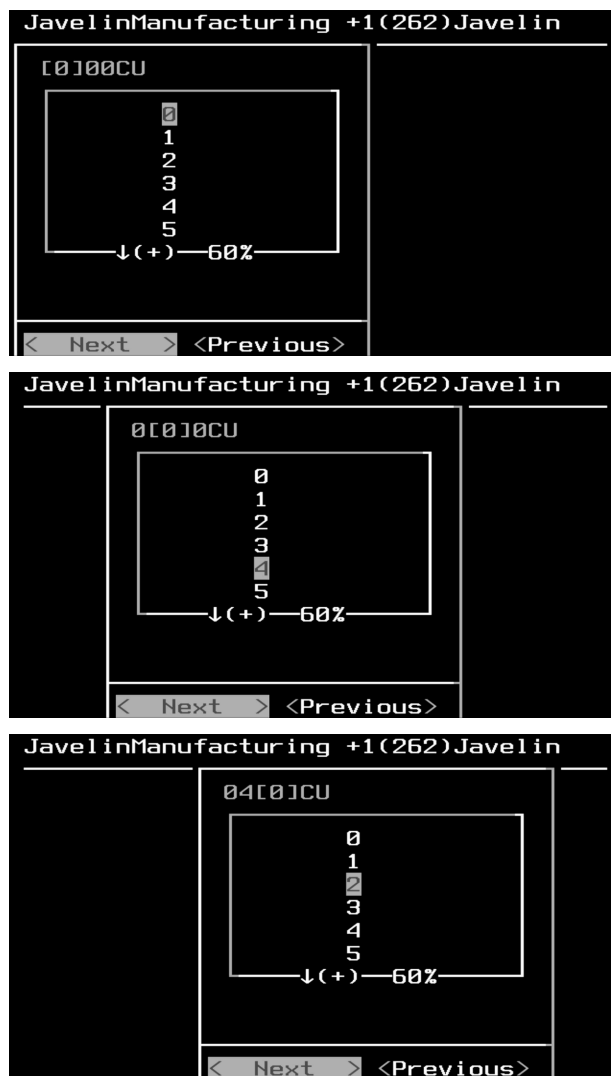
**Depending on the version of your programmer (01,03,04,05) you may have different options than those pictured.*

Highlight the amount of material you want to program onto the EEPROM and click on "Next" To set a new custom amount, choose **999 Custom cu**



Custom Size

In the custom size menu you will highlight and press next for each of the three digits of the amount of material you wish to write. [0]00 indicates the first digit, 0[0]0 the second, and 00[0] the third. To write 42cu you would select 0 then 4 then 2. The programmer will remember your last custom amount until you change it.

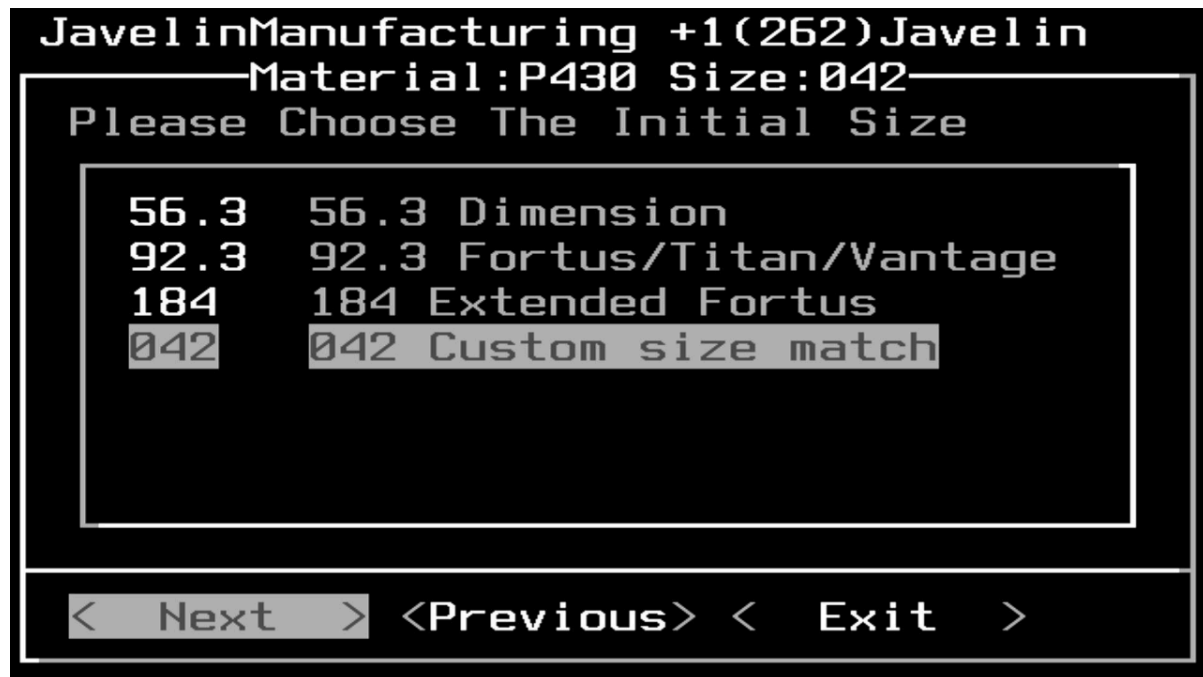




Custom Size Initial

After selecting a custom size you will be asked what the initial size should be.

This allows you to program a 56.3cu roll of material (100%) to be 42cu full (75%)





Machine Type

Next, choose your machine type:

A screenshot of a software interface for Javelin Manufacturing. The title bar reads "JavelinManufacturing +1(262)Javelin". Below the title bar, the text "Material:P430 Size:042" is displayed. The main area is titled "Please Choose Machine Type" and contains a list of machine types: "Plus", "900", "Fortus", "Prodigy", "F123", "Plus (Black Chips)", "F900/900MC NeverZero™", "Fortus/Titan/Vantage", "Dimension", and "Not Supported Yet". The "Prodigy" and "Dimension" options are highlighted with a grey background. At the bottom, there are three buttons: "< Write >", "<Previous>", and "< Exit >".

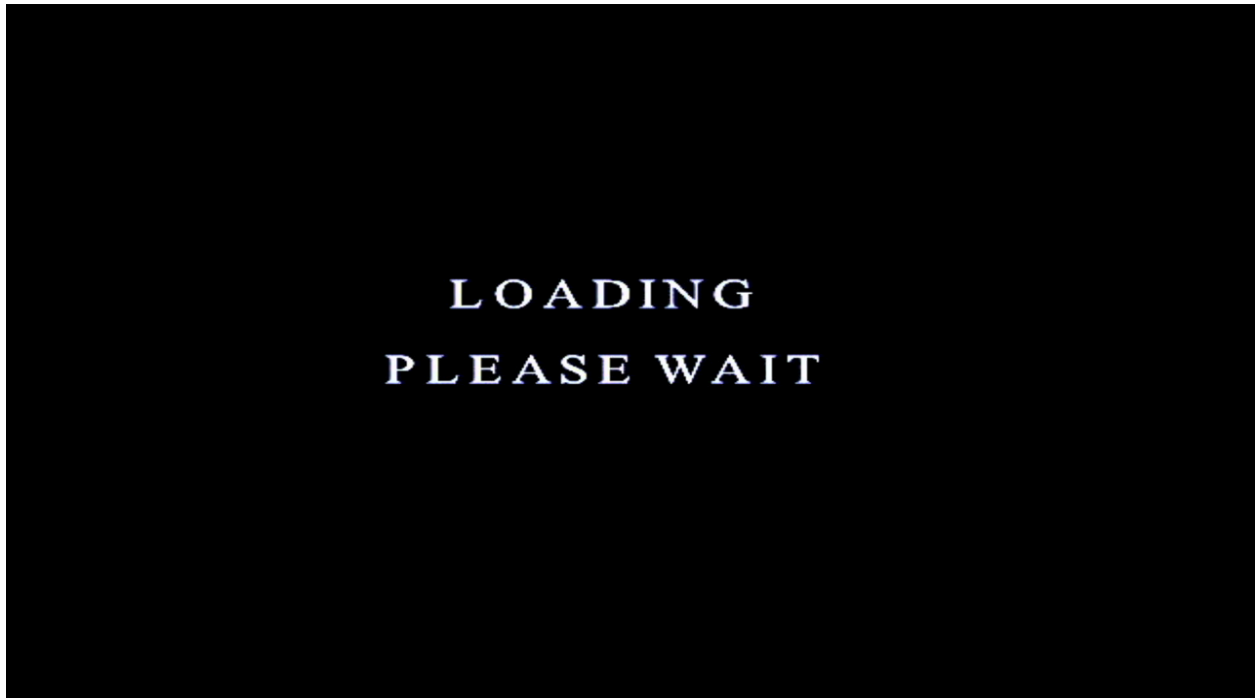
Machine Type
Plus
900
Fortus
Prodigy
F123
Plus (Black Chips)
F900/900MC NeverZero™
Fortus/Titan/Vantage
Dimension
Not Supported Yet

**Depending on the version of your programmer (01,03,04,05) you may have different options than those pictured.*



Write EEPROM

And Finally select “Write” to open the EEPROM writing dialog. You’ll see a loading screen followed by instructions on how to insert the EEPROM. Press the thumbstick to exit the writing dialog and return to the main menu.



JAVELIN

MANUFACTURING



PRESS THUMBSTICK TO EXIT



PRESS THUMBSTICK TO EXIT



FAILURE!

CHIP IS WRITE-LOCKED
MATERIAL LEVEL FELL BELOW 0%



FAILURE!

CONFIRM CONTACTS
ARE CLEAN AND RE-INSERT



SUCCESS!

INSERT ANOTHER OR
PRESS THUMBSTICK TO EXIT



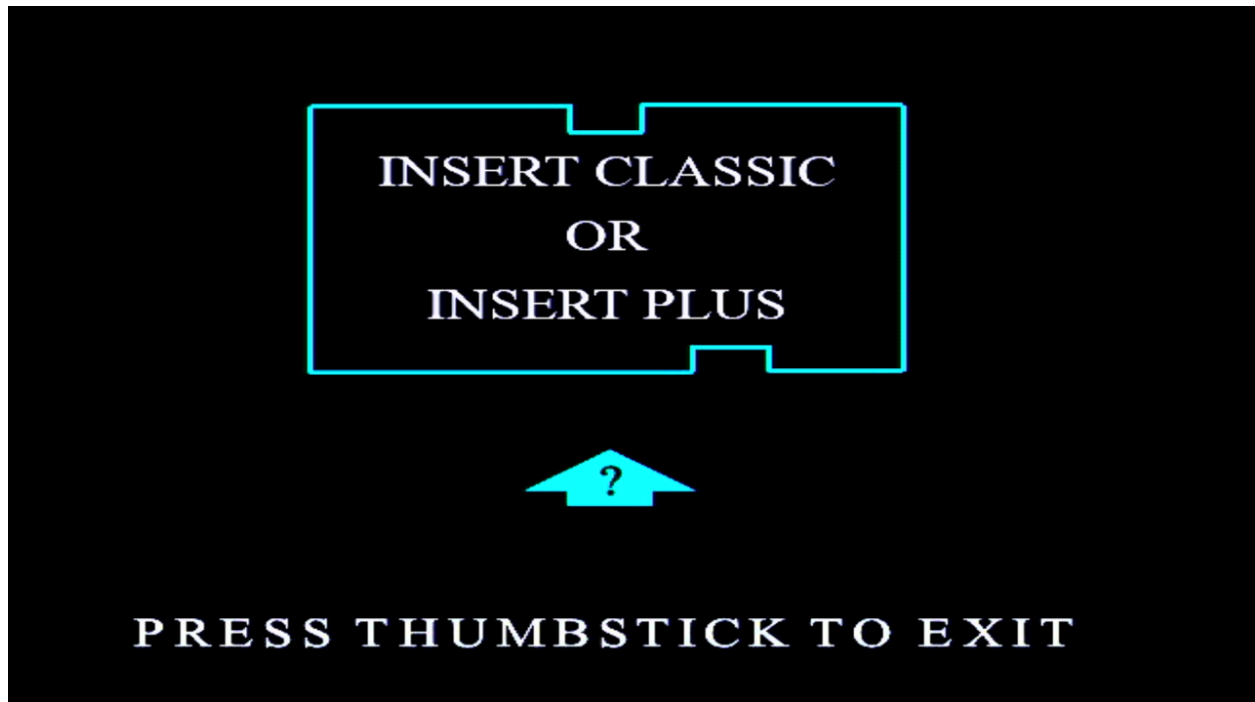
SUCCESS!

INSERT ANOTHER OR
PRESS THUMBSTICK TO EXIT



Read

The read menu allows you to Read classic and Plus EEPROMs as well as to refill classic EEPROMs.





JavelinManufacturing +1(262)Javelin

Machine Type: Plus
Serial Number: 9862732
Lot Number: 123456
Material: P430
Manufacturing Date: 05/15/2024
Initial Quantity: 42.0
Current Quantity: 42.00
Percentage Remaining: 100
Chip State: Writable

<Read New>

< Exit >

JavelinManufacturing +1(262)Javelin

Machine Type: Prodigy
Serial Number: 1609770
Lot Number: 123456
Material: ABS
Manufacturing Date: 09/08/2023
Initial Quantity: 56.3
Current Quantity: 56.30
Percentage Remaining: 100

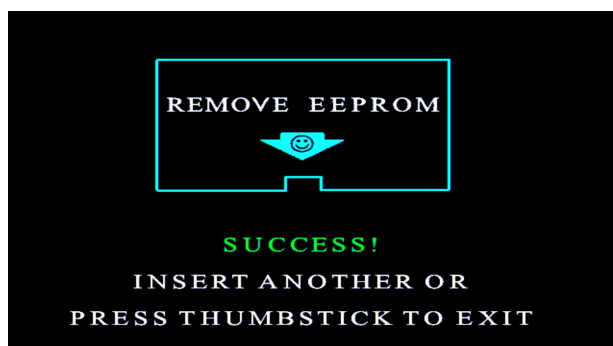
<Read New>

< Refill >

< Exit >

Refill

Turn on classic auto-refill mode



**Shut the unit down using the power button and wait for the screen to turn blue, (or monitor to show no input) prior to unplugging the unit in order to avoid damage to the unit.*



Date

Selecting Date will bring you to the change date dialog and show you the current date. Some machines will reject material that was manufactured more than 3 years in the past. Keeping the date current will ensure that written EEPROMs have a current date.

The current month and year programmed into the reader are shown on the top of the menu. You can select Main Menu to exit the date dialog without setting a new date.

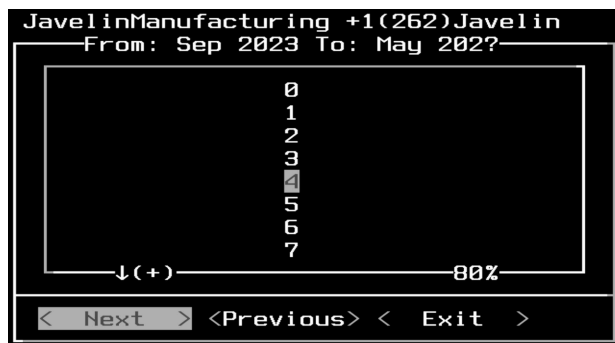
Select the Current month and click next.



Select the Current decade and click next.



Select the Current year and click finish.



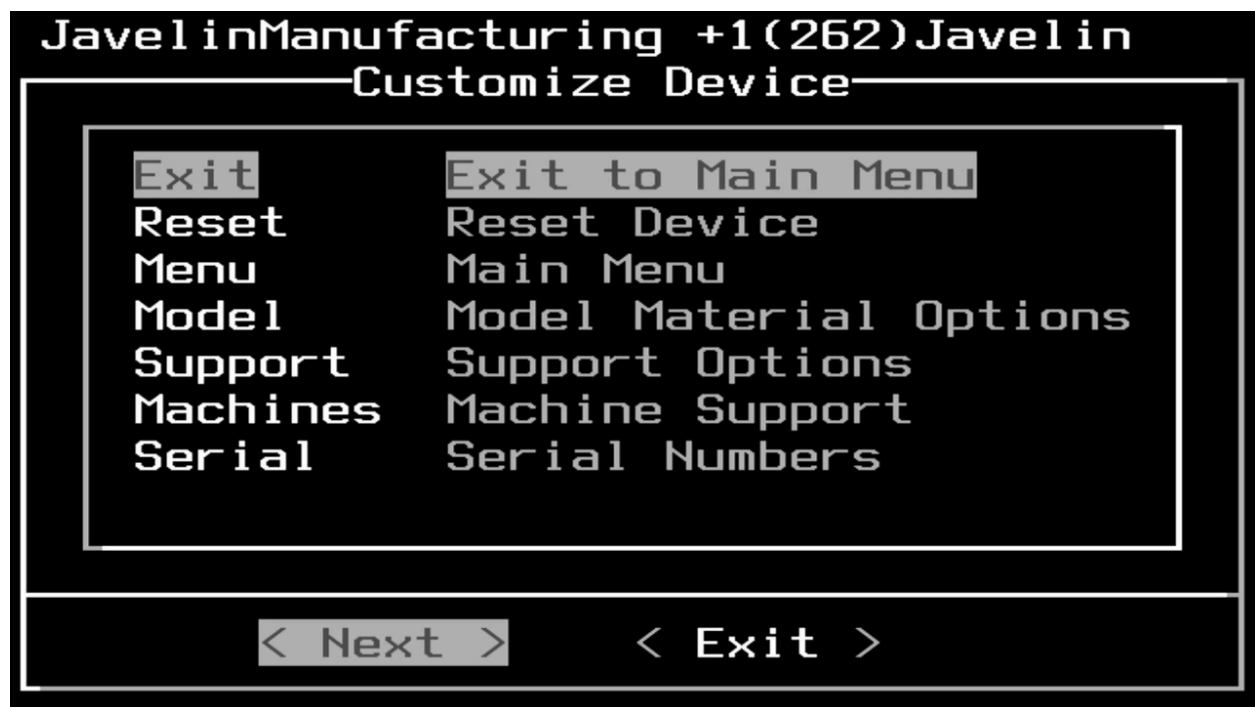


Menu

Allows customizing the programmer

Reset

The reset option resets all saved programmer features. This is the default option customer support will walk you through if there is any issue with your programmer.





Menu

The menu option will allow you to customize what is shown on the main programmer menu to optimize your workflow.





Model

JavelinManufacturing +1(262)Javelin

Customize Device

Choose Options

[*]	ABS	Older Dimension ABS
[*]	ABSI	Transparent ABS
[*]	PC	PolyCarbonate
[*]	ULT9085	ULTEM 9085
[*]	PPSF	PPSF/PPSU Polyphenyls
[*]	P401	P400 ABS
[*]	P430	ABSPlus P430

↓(+)

31%

<Confirm> <Previous> < Exit >



Support

JavelinManufacturing +1(262)Javelin

Customize Device

Choose Options

[*]	ABS_S	ABS Breakaway Support
[*]	ABS_SS	ABS Soluble Support
[*]	PC_S	PC Breakaway Support
[*]	PPSF_S	PPSF Breakaway Support
[*]	P400SR	P400SR Soluble Support
[*]	SR-100	Polycarbonate Soluble
[*]	SR-110	PC-ABS, Nylon 6/12/1F

↓(+)

50%

<Confirm> <Previous> < Exit >



Machines

JavelinManufacturing +1(262)Javelin

Customize Device

Choose Options

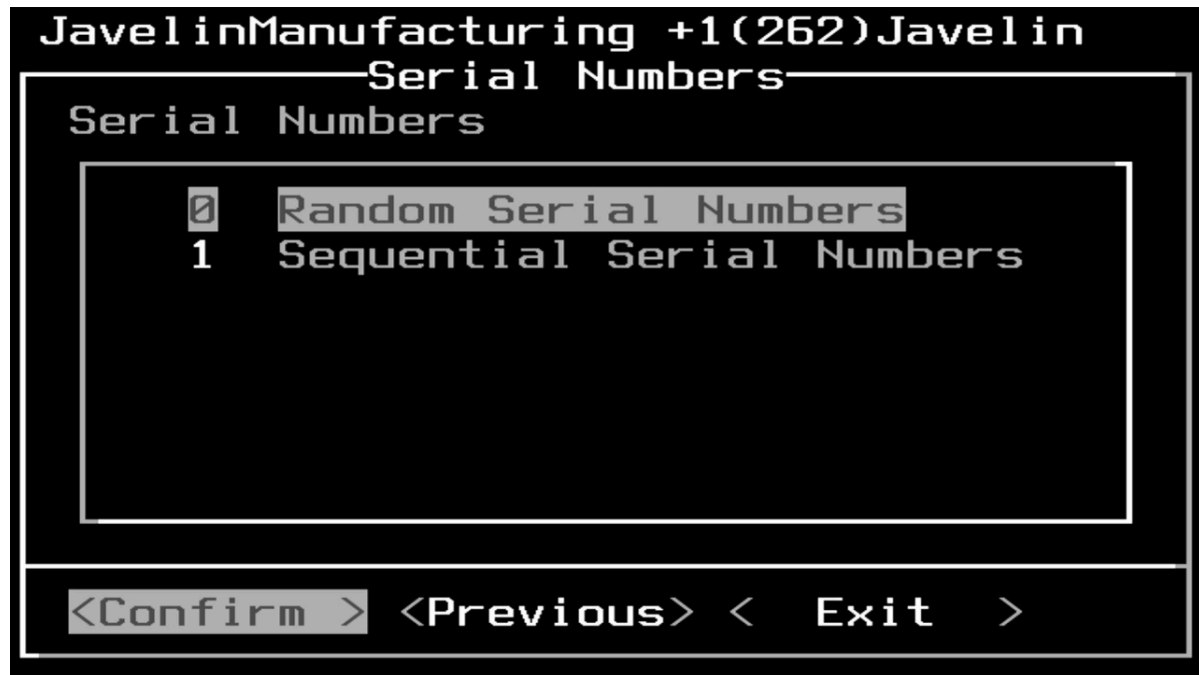
[*]	Fortus	Titan/Vantage/Fortus
[*]	Prodigy	Dimension/Fortus 200/
[]	fox	Older Machines
[]	quantum	Older Machines
[]	uprint	Older Machines
[]	uprintse	Older Machines
[]	ktype	Older Machines

<Confirm > <Previous> < Exit >



Serial & Lot Number Customization

The serial and lot number customization allows you to write sequential serial numbers and custom lot numbers to each EEPROM.



JAVELIN

MANUFACTURING

When changed from Random to Sequential an additional dialog will be shown when writing Model and Support EEPROMs.

You can change the lot number and serial number for each EEPROM.

Future writes and sequential writes will increment the chosen serial number by 1.

```
JavelinManufacturing +1(262)Javelin
Mat:P430 Size:184 Machine:fox2
Please Verify Choices

material  model:P430
serial    5555555
lot       555555
size      Spool: 184
size      Remaining: 184
machine   fox2

<Write>  <Change>  <Exit>
```