

RAZORGAGE

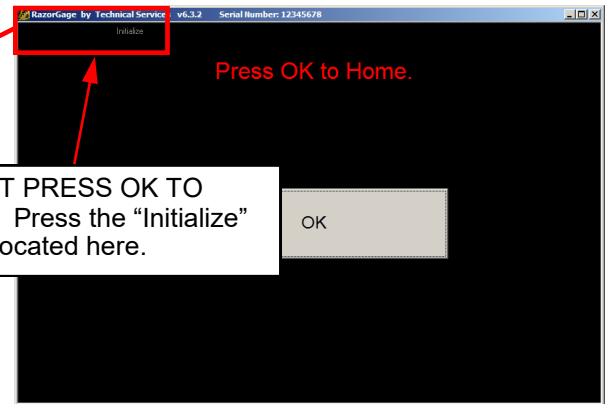
POSITIONERS • SOFTWARE • SYSTEMS

Instructions for reprogramming an MDrive

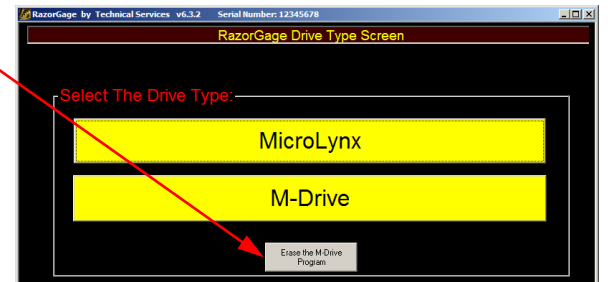
After replacing an MDrive or if you want to load a different program in an MDrive DON'T CLICK OK TO HOME after starting up the RazorGage Software. Instead click the INITIALIZE button in the upper left quadrant of the HOME screen as shown below.



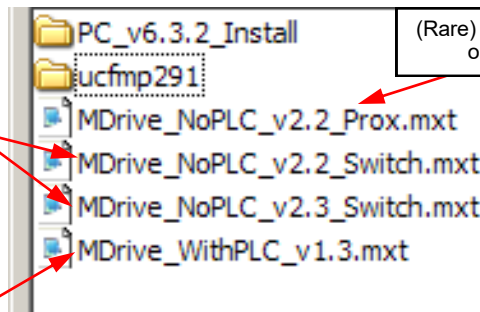
DO NOT PRESS OK TO HOME. Press the "Initialize" button located here.



Press the "Erase the M-Drive Program" button.



On older RazorGages you may be asked to browse to find the folder in which the programs are stored. If that is the case, browse to C:\Program Files\RazorGage. Most RazorGages, however will automatically find the install folder and you will see a list of programs to install. Below are two examples of the choices you will encounter depending on the version of your software:



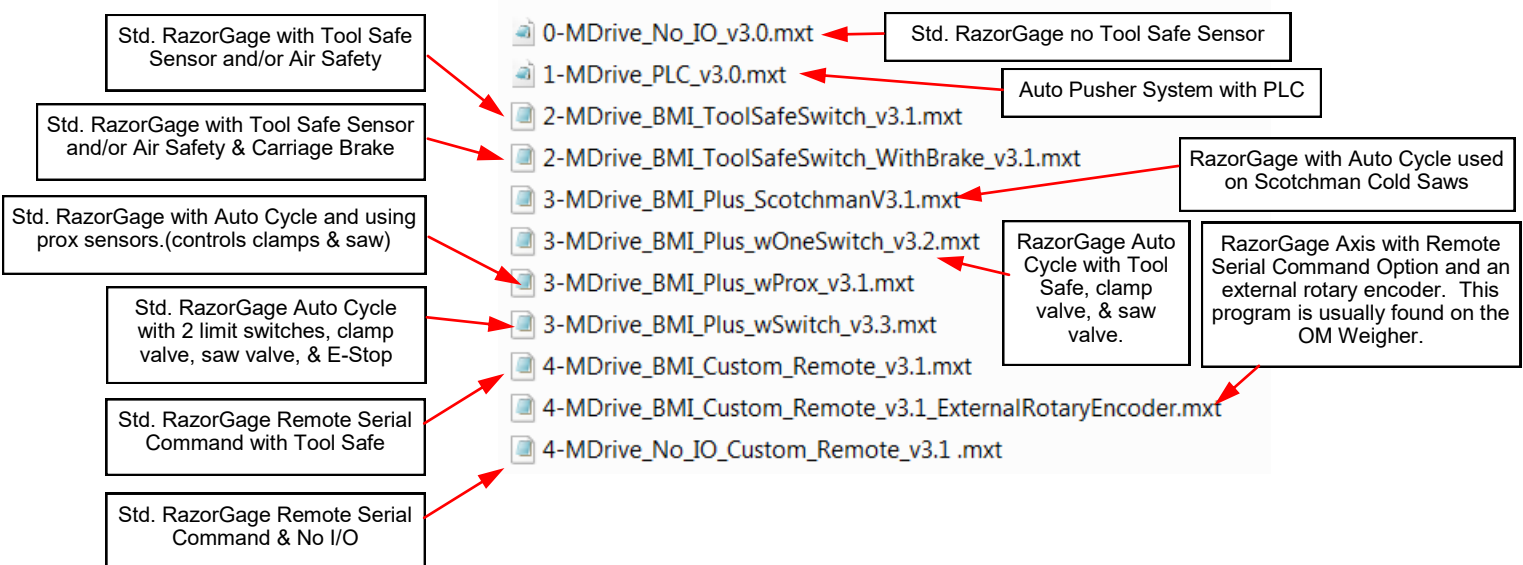
(Common) Std. RazorGage with either no Tool Safe Sensor or with a Limit Switch Tool Safe Sensor. If your software displays two or more versions of the same name as is shown at right, use the one with the highest version number.

(Rare) Std. RazorGage with either no Tool Safe Sensor or with a Proximity Switch Tool Safe Sensor.

MDrive_WithPLC_vx.xx is typically only used on RazorOptimal or Automatic Pusher systems. If your system has a PLC the RazorGage enclosure will have a component that looks just like the one shown in the picture at right:



RazorGages built in 2013 or later will include some or all of the program files shown below:



```
M-Drive Programmer by RazorGage, a Division of Technical Services, Inc. V1.0
C:\Documents and Settings\Brian\Desktop\Kolbe\AutolistPC_v6.3.2_Custom\MDrive_NoPLC_v2.3_Switch.mxt
Opening Serial Port... Open.
Looking for a MDrive... Found.
Reading File... Done.
Initializing MDrive Memory:
  Returning to Factory Defaults.....Done.
Transferring Program...
```

You should see this screen during download.

RazorGage by Technical Services v6.3.2 Serial Number: 12345678

RazorGage Setup Screen

System Parameters	User Parameters	7	8	9
Stroke: 48.000	Speed: 35.000	4	5	6 Help
<input type="text"/>	<input type="text"/>	1	2	3 PC Software Manual
<input type="checkbox"/> Metric		. 0	← Backspace	SAVE ALL

Home: (Zero)

- Left
- Right

Enter the stroke, units, and Home Left or Home Right or accept the values that were preserved from the previous version. When you're done press SAVE ALL.