

Service Bulletin Bulletin No: Peck4 User Guide 1.pdf

Model: Service Utility

5/19/2006 Author: Jack Pozorski

PECK4 Tool Users Guide

Veck 4.0.1 Select Port Get Report Get Parameters Put Parameters Set Head Rank Firmware Upgrade Exit

Overview

The Peck Tool is valuable to have with you when performing an installation or when on a service visit. It has a number of functions ranging from retrieval of the service report in a digital format, to upgrading firmware. This document serves as an overview of all the functions of the Peck Tool.

Supported Models

- ProII Series (Parallel / Network) (Need firmware version 2.0 or above to use this tool)
- ProIIV Series (Network)
- SP-300/300V/300VS (USB)
- SP-540V/540VS (Network)
- SJ-1000/1045 (Network)
- AJ-1000 (Network)
- XC-540 (Network)

How to Install

It is not necessary to install this tool. Just double click the tool to launch it.

How to Uninstall

Delete the peck.exe and also the peck.ini which is created under the [Windows] directory. This tool doesn't use the Windows registry.



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Communicating with the Machine

It is necessary to turn on the Primary Power SW and turn off the Secondary Power SW when communicating with the machine. This tool cannot communicate with the machine if the Secondary Power SW is on.

Select Port Select Port

The select port button allows you to choose which type of product and connection you have to the machine.

Product

This section allows you to select the type of printer you are connecting to.

- **Type1** is for ProII/ProIIV and VersaCamms.
- **Type2** is for the AJ-1000
- **Type3** is for the ProIII (XC-540)

Select Port Product: Type1 Proll, SP serise etc. ⊂ Туре2 A.I-1000 etc. C Type3 Prolli etc. Select port: C via Parallel Port via Network ✓ Delete Host Restart via USB 0K Cancel

Select Port

Parallel Port

If you use this tool via parallel port on Windows 2000 or Windows XP, you must stop the [Print Spooler] service from [Control Panel] - [Administrative Tool] – [Services]. After communicating, restart the [Print Spooler] service.

• Network

If your machine uses a network connection, Select [via Network] and type in the machines IP address.

- Delete Host The Peck Tool will remember your past network hosts. Use this button to delete the curently selected host from the list.
- **Restart** This will restart the network server on the machine.
- USB

If you are using this tool to connect to a machine using USB, you must first install the SP-300 Windows driver. <u>Click here to download driver</u>



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Get Report Get Report

This function allows you to get the full system report, service report and history report from the machine. Once this information is retrieved, you can review the information within the Peck Tool as shown, or you can choose to save this information for future reference.

Save •

If you choose to save the information, select [Save]. A [Save As] dialog box will appear and you will need to input a file name with the .txt extension and point to where you would like to save the file. You can then view this information in the text editing software of your choice.

OK

This option will close the report window and will bring you back to the Peck Tool window

Get Parameters

Get Parameters

This function is a great time saver when replacing a main board. The Parameters is all the information the main board needs that is unique to the machine. Some of this information includes serial number, head ranks, calibrations and reports.

When you select [Get Parameters], the Peck Tool will retrieve all the parameters from the machine and prompt you with a [Save As] dialog box. Input a name and point to where you would like to save this information. No file extension is needed.

Put Parameters Put Parameters

The [Put Parameters] function allows you to send the saved parameters to a new main board.

When you select this button, it will prompt you with an [Open] dialog box. Browse to the parameter file you have saved and select [Open]. The new parameters will be sent to the machine.

rt Report	
Save OK	
	<u>^</u>
THE Delived Vision CALARINA	
[[[[] Roland Versa CAMM]]]]] Model : SP-300	e
Version : 6.20	
Serial No. : ZS23059	
Ink remain[1-4] : 0/ 0/ 0/ 0	Lill
Ink type : E-SOL Max 4Color	
Head temperature : 23IC / 73.4IF	
Heater temp.(Print) : 211C / 681F	
Heater temp.[Dryer] : 20IC / 60IF	
Edge detection : Enable	
Empty mode : Stop	
Calibration : +0.30 %	
Media clamp : SHORT	
Full width scanning : DISABLE	
Length unit : Inch	
Temperature unit : IC	
Menu language : English	
Sleep : ENABLE	
Sleep interval : 30 min	
Scan interval : 0.0 sec	
Vacuum power : AUTO	
Heater setting(Print): 40IC / 104IF	
Heater setting[Dryer] : 40IC / 104IF	
Preheating : PREHEAT Feed for Dry : ENABLE	
Feed for Dry ENABLE : H1 H2	
Bi-dir, adjust No.1 : 0 0	
No.2 : 0 0	



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Head Rank

7BZ3E3C

VXUWVUQ

Q 2100Y

40UWJB

Reference...

012VTTR

Set Head Rank

Head No.

Set

Cancel

•

Set Head Rank (It is recommended to perform these settings on the

Set Head Rank printers control panel)

The Set Head Rank function can be used during a head replacement to input the new head rank information onto the main board. This can also be done on the machines control panel in the [Service Menu]. *Please refer to the Head Replacement section of the Service Manual for proper head replacement procedures.*

• Head No.

This is where you select the head you have replaced. Heads are numbered from left to right as you're facing the machine.

• Head Rank

Input the head rank exactly how it appears on the manifold tab of the new head or on the box the head arrived in.

• Set

Once the proper head rank in input into the head rank fields, select [Set] to send the settings to the machine.

• Reference

This is for importing a head rank reference file. These reference files are not available for new heads and therefore, this function should not be used.

Firmware Upgrade Firmware Upgrade

The Peck Tool can be used to upgrade the firmware on a machine. You can download the newest firmware for your machine from the <u>Roland DGA support page</u>. After you have located the firmware for your device, you need to extract the .exe file you have downloaded. The file you will need will have an .rfw extension.

Select [Firmware Upgrade] in the Peck Tool. You will be prompted with an [Open] dialog box. Browse to the .rfw file you downloaded and extracted, select it and then select [Open]. The new firmware will be sent to the machine.

Once the Peck Tool has completed sending the file, you will be prompted with a message saying [Done]. Select [OK]

Exit _

This will close the Peck Tool.

Exit



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