

Hostess® and Hostess 550 Series Building Loopback Plugs Hardware Tech Tip

Introduction

This *Hardware Tech Tip* discusses building loopback plugs for use with the diagnostics for the following Hostess cards:

- Hostess 4- and 8-port boards that use a separate interface box
- Hostess 550 4- and 8-port boards that use a separate interface box
- Hostess 550 16-port boards

Note: The **Hardware Installation Cards** contain information about how to build loopback plugs for the *Hostess 554RJ* and *Hostess 554 Quad/Octacable* cards.

Building DB25 Male Loopback Plugs

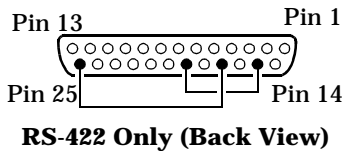
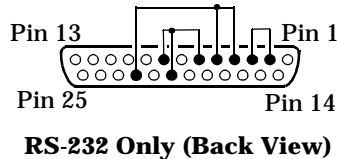
Loopback plugs are used with the diagnostics to test serial ports.

Wire the following pins together for an RS-232 plug:

- Pins 2 to 3
- Pins 4 to 5 to 22
- Pins 6 to 8 to 20

Wire the following pins together for an RS-422 loopback plug:

- Pins 15 to 19
- Pins 17 to 25



Building DB25 Female Loopback Plugs

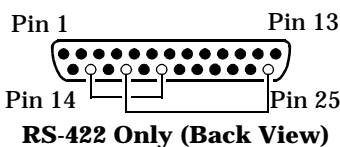
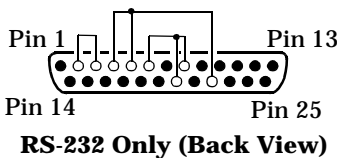
Loopback plugs are used with the diagnostics to test serial ports.

Wire the following pins together for an RS-232 plug:

- Pins 2 to 3
- Pins 4 to 5 to 22
- Pins 6 to 8 to 20

Wire the following pins together for an RS-422 loopback plug:

- Pins 15 to 19
- Pins 17 to 25



Building DB9 Male Loopback Plugs

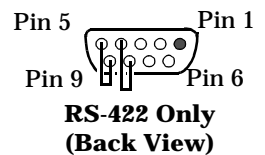
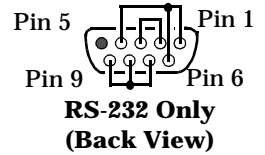
Loopback plugs are used with the diagnostics to test serial ports.

Wire the following pins together for an RS-232 loopback plug:

- Pins 1 to 4 to 6
- Pins 2 to 3
- Pins 7 to 8 to 9

Wire the following pins together for an RS-422 loopback plug:

- Pins 4 to 8
- Pins 5 to 9



Building DB9 Female Loopback Plugs

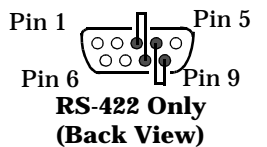
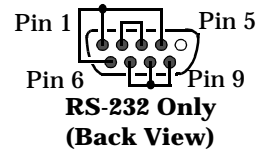
Loopback plugs are used with the diagnostics to test serial ports.

Wire the following pins together for an RS-232 loopback plug:

- Pins 1 to 4 to 6
- Pins 2 to 3
- Pins 7 to 8 to 9

Wire the following pins together for an RS-422 loopback plug:

- Pins 4 to 8
- Pins 5 to 9

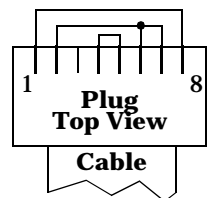


Building RJ45 Loopback Plugs

Loopback plugs are used with the diagnostics to test serial ports.

Wire the following pins together:

- Pins 4 to 5
- Pins 1 to 8
- Pins 2 to 6 to 7



Technical Support

Control has a staff of support technicians available to help you. Before you call, please have the following information available:

- Model number
- Serial number
- Interface type
- I/O address and IRQ
- Operating system type and release
- Device driver version
- PC make, model, and speed
- List other devices in the PC and their addresses

Control	Headquarters	Europe
Phone	(651) 631-7654	+44 (0)1869 323220
FAX	(651) 631-8117	+44 (0)1869 323211
Email	support@comtrol.com	support@comtrol.co.uk
web site	www.comtrol.com	www.comtrol.co.uk
ftp site	ftp.comtrol.com	

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