

Printronic Technical Bulletin	Number 5-0044	Revision A
	Product Type P5000	Date 07/04
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Subject

Introducing Version 2 (Ultimate) Shuttles for the P5X05B, P5X10 and P5X15 printers.

Information

V2 (ULTIMATE) SHUTTLES were introduced in November of 2002. If you take the 4th digit of the printer's serial number as the year when the chassis was built and the 5th and 6th digit of the week of that year, then the V2 Shuttles would have been phased into the following serial numbers:
S/N 080247... .., S/N 180247... .., S/N 280247... .., S/N 380247... .., S/N 480247... ..

These new V2 shuttles were made to fit into the P5X05B, P5X10 and P5X15 printers. These shuttles have a newly designed "Steel Cover" with the hammer bank cover and ribbon mask joined together and installed magnetically to the hammer bank, improving ease of replacement. The older V1 shuttles have the hammer bank cover and ribbon mask as separate parts that are attached to the hammer bank by screws.

How to Identify

To visually identify which version of shuttle is installed without removing it, look at the ribbon mask. The top edge of the V1 ribbon mask has an opaque mylar strip attached by adhesive across the width of the ribbon mask. The V2 ribbon mask has its top edge folded over with no strip attached.

The V2 shuttles also have a new hammer fret design, (with key), that allows for backwards compatibility when installing these frets onto the V1 shuttles. The older V1 frets are not forward compatible. This new fret design offers improved hammer impact and dot placement consistency.

"Replaced By" and Compatibility Part Number Reference List

Note: "V1" mentioned below in description only to help differentiate between old and new parts.

163984-901 - Shuttle Assy, P5X05B, V1 replaced by **174957-901** - Shuttle Assy, P5X05B, V2.

163985-901 - Shuttle Assy, P5X10, V1 replaced by **174958-901** - Shuttle Assy, P5X10, V2.

157735-901 - Shuttle Assy, P5X15, V1 replaced by **174959-901** - Shuttle Assy, P5X15, V2.

The V2 Shuttle Assemblies are forward and backward compatible.

164266-001 - Field Kit, Fret, P5X05B replaced by **174965-901** - Hammerspring Assy, P5X05, V2.

164267-001 - Field Kit, Fret, P5X10 replaced by **174966-901** - Hammerspring Assy, P5210, V2.

164269-001 - Field Kit, Fret, P5X15 replaced by **174967-901** - Hammerspring Assy, P5215, V2.

The V2 Hammersprings are backward compatible. The older frets are not forward compatible.

163789-901 - Ribbon Mask, P5X05, V1 must be used on **163984-901** - Shuttle Assy, P5X05B, V1.

163802-901 - Cover Assy, P5X05, V1 must be used on **163984-901** - Shuttle Assy, P5X05B, V1.

174550-901 - Cover Assy, P5X05B, V2 must be used on **174957-901** - Shuttle Assy, P5X05B, V2.

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“Replaced By” and Compatibility Part Number Reference List (continued)

163797-901 - Ribbon Mask, P5X10, V1 must be used on **163985-901** - Shuttle Assy, P5X10, V1.
163795-901 - Cover Assy, P5210, V1 must be used on **163985-901** - Shuttle Assy, P5X10, V1.
174549-901 - Cover Assy, P5X10, V2 must be used on **174958-901** - Shuttle Assy, P5X10, V2.

164204-901 - Ribbon Mask, P5X15, V1 must be used on **157735-901** - Shuttle Assy, P5X15, V1.
164216-901 - Cover Assy, P5X15, V1 must be used on **157735-901** - Shuttle Assy, P5X15, V1.
174551-901 - Cover Assy, P5X15, V2 must be used on **174959-901** - Shuttle Assy, P5X15, V2.

Important

Exchanges can ONLY be made for the same parts, not for upgrades.

Note

For details on all V1 Shuttle-types, reference **164253-001F - Maintenance Manual, P5000**.
For details on all V2 Shuttle-types, reference **175455-001B - Maintenance Manual, P5/10/15**.