



Product/Process Change Notification

PCN Number:	100035-C	Product Category:	Inking Hardware	Issue Date:	24-Nov-2021
Contact:	Inside Sales	E-Mail: insidesales@xandex.com			
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Description of Change to Customer:					
<i>Improved Inker Accuracy: increased thread pitch of manual Z axis adjust mechanism for non-motorized inker base models (does not apply to Motorized-Z models) and replacement of shuttle mechanism for all pneumatic inker base models noted in the Appendix.</i>					
Reason For Change:					
As dot size requirements decrease, improved dot placement accuracy and repeatability are required to maintain dot placement requirements.					
Customer Impact of Change and Recommended Action:					
There are some form changes - customers should confirm that there are no fit issues with their unique installations. Review the index of dimensional drawings listed in Appendix - the relevant revisions are attached.					
Forecasted Key Milestones: Subject to change based on business conditions					Date:
Complete Internal Qualification Testing					30-Apr-22
Samples Available To Order					Now
First Shipment of Changed Product (as early as)					1-Mar-22
Last Shipment of Unchanged Product (subject to material availability)					28-Feb-22
Method of Identifying Changed Product:					
Assembly revision listed on label; existing products do not include an assembly label. Refer to drawings in Appendix for proper product revision level.					
Assessment:					
Form and function. See dimensional drawings for Form differences. Function change is improved Z adjust resolution.					
Products and Xandex Part Numbers Affected					
Pneumatic Inker Bases and Pneumatic Shuttles used in Inker Sets. Includes New Retrofit Kits to accommodate mounting new shuttles on existing inker bases, and New Shuttle Maintenance Kit for new shuttle design. See Appendix for complete product list.					
Revision History (Updates shown in Bold)					
Date of Revision:	Revision Letter:	Reason:			
24-Nov-2021	A	Initial publication			
4-Apr-2022	B	Clarified improved Z resolution for manual inkers only			
11-Aug-2022	C	Add Appendix Note 4 on Discontinued Inker Models			

Please contact your Xandex sales representative for any questions or support requirements. Please return any response as soon as possible, but not to exceed 30 days.

PCN 10035 Appendix: Qualification Testing

Test	Result
Functional	Pass
Application	Pass
Reliability	Pass



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Appendix: Parts & Sets affected by PCN 100035

Product	Current Product		Improved Product		Dimensional Drawing		Comments
	Part Number	Revision	Part Number	Revision	Document Number	Revision	
SET - INKER X1100	340-1100	P	340-1100	S	900-0221	1	
INKER BASE 1100	320-1100	K	320-1100	L	900-0221	1	
SET-INKER X1412 TSK APM90	340-1412	K	340-1412	L	900-0222	1	
INKER BASE 1412 TSK APM90	320-1412	D	320-1412	L	900-0222	1	
SET-INKER X1410 TSK APM90	340-1410	K	340-1410	L	900-0223	1	
SET INKER KIT X1413 RA	340-1413	A	340-1413	B	900-0223	1	
SM SET-INKER X4115 EG MOTO Z DETENT	340-4115	G	340-4115	H	900-0224	1	
SET-INKER X4116 MOTO Z DETENT NO PUFF	340-4116	F	340-4116	G	900-0224	1	
SET-INKER X4215 KLA MOTOR Z DETENT	340-4215	G	340-4215	H	900-0226	1	
SM SET-CSP INKER X4216 KLA MOTOR Z DETENT	340-4216	2	340-4216	3	900-0226	1	
SM SET-INKER X4217 KLA MOTOR Z DETENT NO PUFF	340-4217	D	340-4217	E	900-0226	1	
SM SET-INKER X4218 P8 MOTOR Z DETENT	340-4218	A	340-4218	B	TBD	TBD	Not available at this time
INKER ASSY MOTOR Z DETENT	320-4215	C	320-4215	D	900-0226	1	
PNEU SHUTTLE 36IN AIR HOSE	316-0001	N	316-0010	A	900-0219	1	
PNEU SHUTTLE 60IN AIR HOSE	316-0002	N	316-0012	A	900-0219	1	
PNEUMATIC SHUTTLE OVERHEAD	216-0001	J	316-0013	A	900-0220	1	See NOTE 1
PNEUMATIC SHTL OVERHEAD SWIVEL	216-0003	E	316-0011	A	900-0220	1	See NOTE 2
SHUTTLE ASSY SHORT STROKE	216-0005	F	316-0014	A	900-0220	1	See NOTE 3

This PM Kit is used for Maintenance of the Improved Shuttle

KIT, PM, SHUTTLE - 316-0010	NOT APPLICABLE	370-0006	A	NOT APPLICABLE	For improved shuttle only
KIT, PM, SHUTTLE - 316-0011	NOT APPLICABLE	370-0007	A	NOT APPLICABLE	For improved shuttle only
KIT, PM, SHUTTLE - 316-0012	NOT APPLICABLE	370-0008	A	NOT APPLICABLE	For improved shuttle only
KIT, PM, SHUTTLE - 316-0013	NOT APPLICABLE	370-0009	A	NOT APPLICABLE	For improved shuttle only
KIT, PM, SHUTTLE - 316-0014	NOT APPLICABLE	370-0010	A	NOT APPLICABLE	For improved shuttle only

These PM Kits will continue to be available to maintain your existing Shuttles

KIT, PM, OVERHEAD SHUTTLE	370-0001	C	NOT APPLICABLE		For existing products only
KIT, PM, SHUTTLE	370-0002	D			For existing products only

NOTES:

- To install the improved shuttle on a current inker base using 216-0001 requires a one time purchase and installation of Retrofit Kit 355-1122
- To install the improved shuttle on a current inker base using 216-0003 requires a one time purchase and installation of Retrofit Kit 355-1120
- To install the improved shuttle on a current inker base using 216-0005 requires a one time purchase and installation of Retrofit Kit 355-1121
- Notes 1 - 3 **DO NOT** apply to discontinued/obsolete inker models. If the inker model you have is not listed in the appendix above, please contact Xandex Customer Service at insidesales@xandex.com for assistance in selecting the correct new shuttle for your inker model.