



TP1G074

Issue 2, Apr 2020

Product

Linx 10 Printers

Models

Linx 10

S/W Version N/A

# Maintenance Instruction Overview (TP1G074)

### Instruction Details

Document number, issue, applicable products & software version

### Warnings and Cautions

Appropriate to the instruction; additional warnings and/or cautions may be present within the procedure that detail specific risks

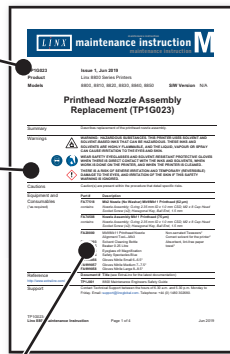
### Warnings

**WARNING: HAZARDOUS SUBSTANCES**  
SOLVENT-BASED INKS THAT CAN CAUSE IRRITATION TO THE SKIN AND EYES.  
**WEAR SAFETY EYEGLASSES AND GLOVES WHEN THERE IS DIRECT CONTACT WITH INK.**  
THERE IS A RISK OF SEVERE IRRITATION TO THE SKIN AND EYES.

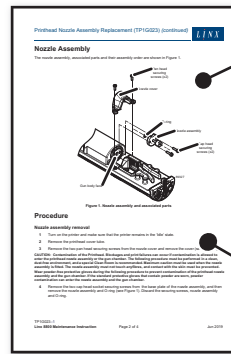
### Equipment and Consumables

Appropriate PPE, parts, tools and other equipment required to complete the instruction safely and effectively

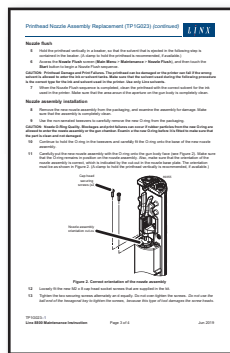
Equipment and Consumables (*as required)	Part #	Description
	FA77518	Mk2 Nozzle (No Wiper) Nozzle Assembly; Contains 1 Nozzle and 2 Socket Screws (x2)
	FA74508	Nozzle Assembly Mk2 Nozzle Assembly; Contains 1 Nozzle and 2 Socket Screws (x2)
	FA20000	Mk9/Mk11 Printhead Alignment Tool—Micro
	FA900003	Solvent Cleaning Bottle
	FA900005	Beaker 0.25 Litre



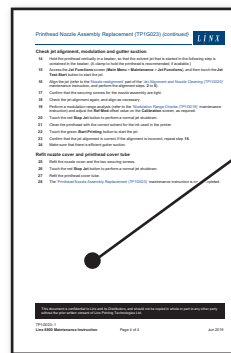
First Page



Page 2



Page(s) n



Last Page

### More Information

Page 2 may include important information that should be read prior to commencing work (may include assembly drawings and overview etc.)

### Procedure

Commences and continues for the required number of pages after any important or additional information

### Last Page

Indicated by copyright statement

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Figure 1. Maintenance Instruction Format

The purpose of maintenance instructions is to provide maintenance technicians with sufficient information to safely and effectively carry out maintenance tasks on Linx 10 Printers.

## Current maintenance instructions

The following maintenance instructions are currently available:

Document #	Issue, Date	Title	Description
TP1G075	Issue 1, Nov 2019	Printer Installation (TP1G101)	Describes installation of the printer.
TP1G076	Issue 1, Nov 2019	Printhead Installation (TP1G102)	Describes installation of the printhead. Correct installation and conduit route have an important effect on the life and reliability of the conduit.
TP1G077	Issue 1, Nov 2019	Cover Replacement (TP1G103)	Describes replacement of the cover. To access the internal components, the bezel, cover, and hinges are removed together as a unit. The replacement cover does not include the LCD touch screen. If the bezel is removed, either for replacement or for access, the bezel gasket must be discarded and a new gasket fitted.
TP1G078	Issue 1, Nov 2019	Printhead Replacement (TP1G104)	Describes replacement of the printhead.
TP1G079	Issue 1, Nov 2019	HVPM Replacement (TP1G105)	Describes replacement of the High Voltage Power Module (HVPM). The HVPM includes the modulation amplifier, charge amplifier, and the EHT power supply. This module is replaced as a single unit.
TP1G080	Issue 1, Nov 2019	IPM Assembly Replacement (TP1G106)	Describes replacement of the IPM assembly.
TP1G081	Issue 1, Nov 2019	Touch Screen Replacement (TP1G107)	Describes replacement of the touch screen. The touch screen assembly includes the bracket and EMC screening gaskets. The touch screen is permanently attached to the bracket by adhesive strips, and must be replaced as a unit.
TP1G082	Issue 1, Nov 2019	Venturi Manifold Replacement (TP1G108)	Describes replacement of the venturi manifold.
TP1G083	Issue 1, Nov 2019	Venturi Replacement (TP1G109)	Describes replacement of the venturi. The venturi is fitted in one end of the venturi manifold.
TP1G084	Issue 1, Nov 2019	Pump and Motor Assembly Replacement (TP1G110)	Describes replacement of the pump and motor assembly.
TP1G085	Issue 1, Nov 2019	Pressure Transducer and Damper Assembly Replacement (TP1G111)	Describes replacement of the pressure transducer and damper assembly.
TP1G086	Issue 1, Nov 2019	Ink System Replacement (TP1G112)	Describes replacement of the ink system.
TP1G087	Issue 1, Nov 2019	Ink System Tray Replacement (TP1G113)	Describes replacement of the ink tray; the replacement tray includes the RFID module, in-line ink filter and in-line solvent filter.
TP1G088	Issue 1, Nov 2019	Solvent Buffer Tank Replacement (TP1G114)	Describes replacement of the solvent buffer tank.
TP1G089	Issue 1, Nov 2019	Valve Manifold Replacement (TP1G115)	Describes replacement of the valve manifold.
TP1G090	Issue 1, Nov 2019	Valve Manifold PCB Replacement (TP1G116)	Describes replacement of the valve manifold PCB.

**Table 1. Current Maintenance Instructions**

Document #	Issue, Date	Title	Description
TP1G091	Issue 1, Nov 2019	RFID PCB Replacement (TP1G117)	Describes replacement of the RFID PCB.
TP1G092	Issue 1, Nov 2019	Modulation Range Checks (TP1G118)	Describes how to perform modulation range checks to check the quality of the printed message. The procedure makes sure that the Reference Modulation value is set, so that the best print quality is maintained with changes in ink viscosity. This instruction can also be used to make an analysis of the relative viscosity of the ink.
TP1G093	Issue 1, Nov 2019	Jet Alignment and Nozzle Cleaning (TP1G119)	Describes how to perform jet alignment and nozzle cleaning.
TP1G094	Issue 1, Nov 2019	Sensor Cableform Replacement (TP1G120)	Describes sensor cableform replacement. If there is a fault in the ink spill sensor or any fluid level sensor, all of these items must be replaced together because they share the same cableform.
TP1G095	Issue 1, Nov 2019	Stuck Gutter Valve Correction (TP1G121)	If a printer has not been operated for a number of weeks, the printhead can exhibit weak or no gutter suction. Weak gutter suction can be caused by a part blockage in the venturi, which must be removed and cleaned, or sometimes replaced. If there is no gutter suction, the plunger in the Printhead Gutter valve may be stuck in the closed position caused by dried ink in the valve. This problem can easily be corrected by following this instruction.
TP1G096	Issue 1, Nov 2019	Valve Replacement (TP1G122)	Describes valve replacement. This maintenance instruction is applicable only to later printers, which allow the valves and the valve manifold to be replaced separately. No pipes are cut during this procedure, and the original valve manifold body is retained, together with its fluid connection ports.
TP1G098	Issue 1, Nov 2019	Re-commissioning from L100 Ink to L101 or 1240 Ink (TP1G098)	Describes how to re-commission from L100 ink to L101 or 1240 ink.
TP1G099	Issue 1, Apr 2020	Solvent Buffer Tank Float Replacement (TP1G099)	Describes the replacement of the solvent buffer tank float.

**Table 1. Current Maintenance Instructions (continued)**

## Instruction content

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## Safety recommendation

Before attempting to use and/or maintain either the printer or its accessories, the safety information contained on the first page of an instruction should be read and understood. Additional warnings and/or cautions that detail specific risks within a procedure may also be present. It is essential that safe operating procedures are followed at all times, and that the equipment is maintained according to the directions contained within instructions and as recommended by Linx or its authorized Distributors.

**It is strongly recommended that maintenance tasks described in instructions are performed only by Linx maintenance technicians or Linx-trained personnel.**

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## Technical Support

If you have any questions regarding maintenance instructions, please contact Technical Support between the hours of 6.30 a.m. and 5.00 p.m. Monday to Friday using the following contact details:

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