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MAINTENANCE

3.1
Regular Replacement /

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3.1.1 Periodic Check Items

■ Outline

This section shows the periodical maintenance work items recommended to keep the machine in good condition.

■ List of Periodic Check Items

Item	Sub item	Remarks	Refer to
Checking the machine condition	<input type="checkbox"/> 1 Upload of parameters		3.1.2
	<input type="checkbox"/> 2 Update of firmware	Old ver: Current ver:	
	<input type="checkbox"/> 3 Checking the result of user's care		
	<input type="checkbox"/> a Area around the head		
	<input type="checkbox"/> b Station		
	<input type="checkbox"/> c Media holder, platen, etc.		
	<input type="checkbox"/> 4 Head condition	Test printing status:	
	<input type="checkbox"/>	Head adjustment: <input type="checkbox"/> Inclination <input type="checkbox"/> Dot position	
Components requiring periodic replacement	<input type="checkbox"/> 1 Tube pump		Maintenance Parts List
	<input type="checkbox"/> 2 Cap head		
	<input type="checkbox"/> 3 Wiper slider moving part		
	<input type="checkbox"/> 4 Wiper cleaner		
	<input type="checkbox"/> 5 Pressurized damper		
Greasing	<input type="checkbox"/> 1 Clamp cam		3.1.3
	<input type="checkbox"/> 2 Cap slider		
	<input type="checkbox"/> 3 Wiper slider moving part		
Checking	<input type="checkbox"/> 1 Sensor test		3.1.4
	<input type="checkbox"/> 2 Operation test		
	<input type="checkbox"/> 3 Linear encoder test		
	<input type="checkbox"/> 4 Running meter		
	<input type="checkbox"/> a Operation time	Value: [h]	
	<input type="checkbox"/> b Print area	Value: [m ²]	
	<input type="checkbox"/> c Print length	Value: [m]	
	<input type="checkbox"/> d Number of scans	Value: [times]	
	<input type="checkbox"/> 5 Upload of parameters		
	<input type="checkbox"/> 6 Online print check		

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■ Components requiring periodic replacement

Refer to the maintenance parts list for items, part numbers, and replacement cycles.

3.1.2 Checking the Machine Condition

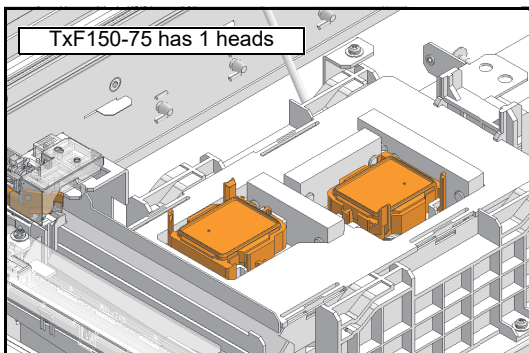
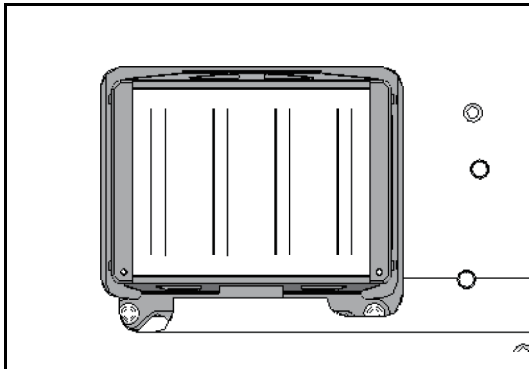
■ Outline

Grasps the device status before the work. Shows the work items to eliminate current problems.

■ Work items



Use of alcohol, solvent maintenance liquid, and other organic solvents to clean the sensor and covers is prohibited. They will melt the resin and coating, resulting in damage and scratches on the machine.



1. Upload the parameters to store the parameters of the machine.

2. When the firmware of the machine is not the latest version, update the firmware.

3. Check the result of user's maintenance status paying attention to the following points.

Area around the head

Check for ink sticking or dust accumulation. If necessary, inform the user of the cleaning method using a maintenance liquid and cleaning sticks.

Station

Check the areas around the caps and wipers for ink sticking or dust accumulation. If necessary, inform the user of the cleaning method using a maintenance liquid and cleaning sticks.

Media holder, platen, etc.

Check the following parts for paper dust accumulation or ink sticking.

If necessary, inform the user of the cleaning method using a neutral detergent, waste cloth and cleaning sticks.

- Media holder
- Platen
- Media sensor (2 locations - rear right and center)
- Cover
- Waste ink tank (amount of space)

4. Perform test printing and check the head condition (for missing nozzle or flight deflection of ink droplets). Additionally, carry out slant / dot position adjustment, if necessary.

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3.1.3 Greasing

■ Outline

This section shows the parts to be periodically greased in order to suppress wear and noise during machine operation.

■ List of parts to be greased

Clamp cam Grease: LONGTERM-W2-GU		1
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Apply grease to all cams.

Cap slider Grease: MG-A1-GU		2
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Wiper slider moving part Grease: LONGTERM-W2-GU		3
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3.1.4 Checking

■ Outline

For the various sensors, fans, motors, etc., this section shows the work items for checking the use to date and inspections.

■ List of Check Items

No.	Item	Details
1	Sensor test	Perform all items defined in Sensor Check and make sure that there is no problem.
2	Operating test	Perform all items defined in Operating Test and make sure that there is no problem.
3	Linear encoder test	Perform linear encoder test and make sure that there is no problem.
4	Checking the RUNNING METER	Check the RUNNING METER and note down the following records. a. Hours of machine use b. Print area c. Print length d. Scan count
5	Upload of parameters	When adjusted values or settings are changed, upload the parameters again.
6	Online print check	Finally, perform test printing and online printing to confirm there are no problems.

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