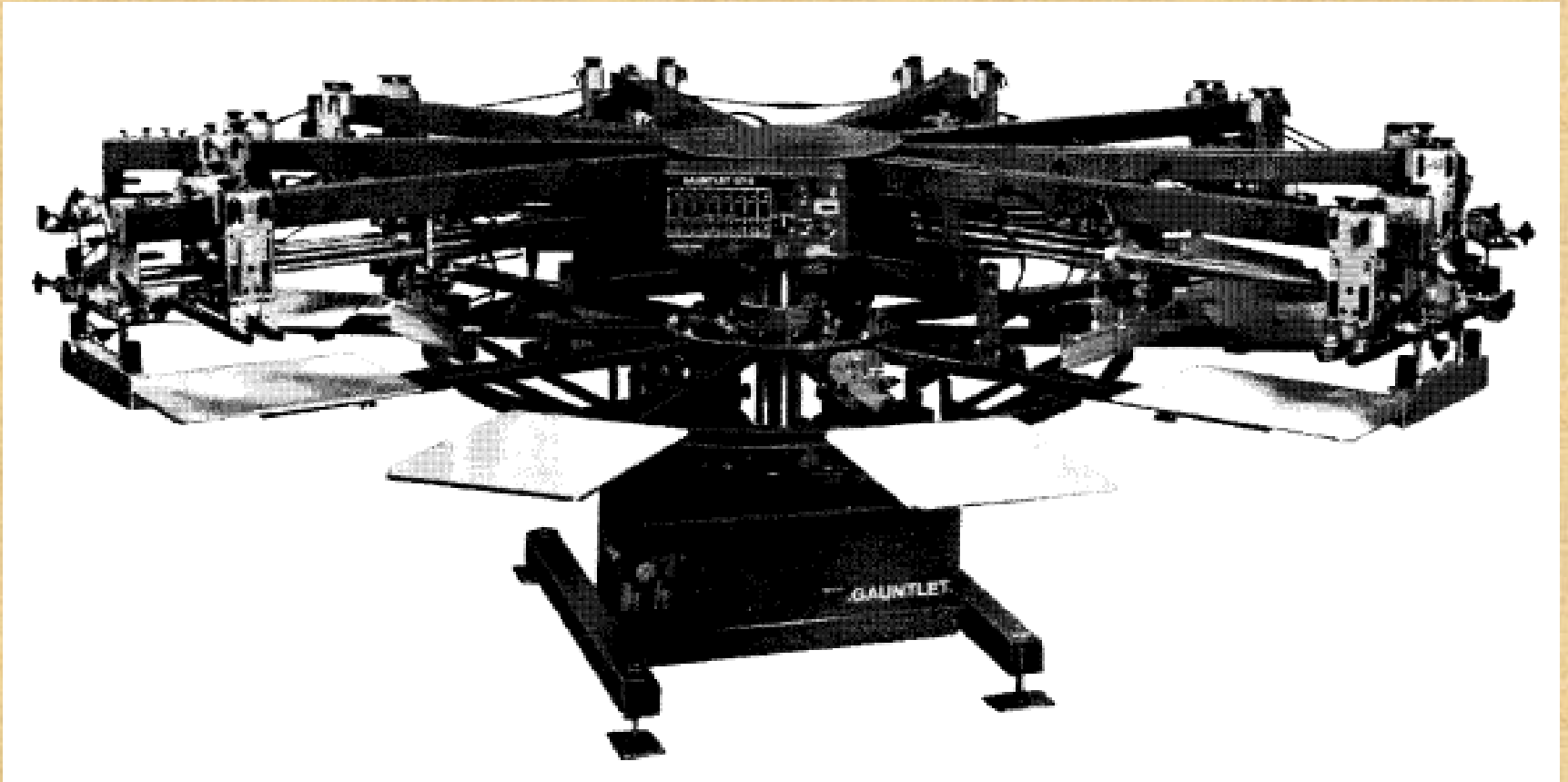




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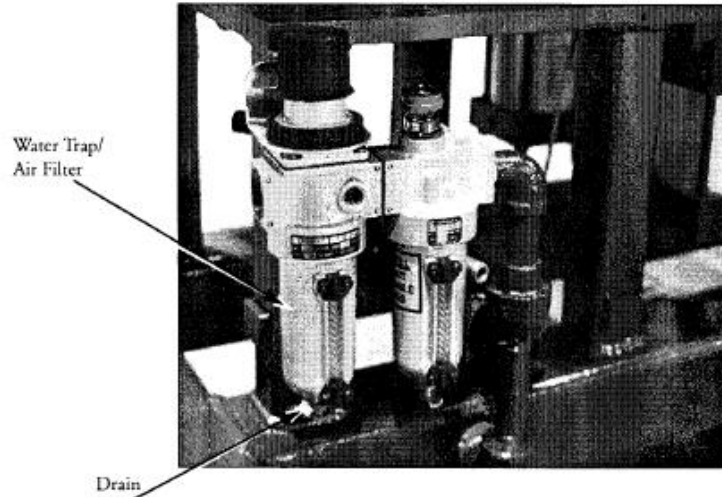




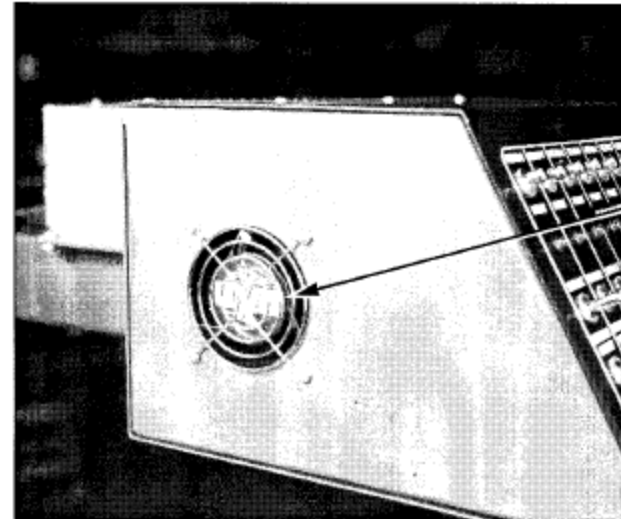
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Daily:

Check water trap and drain as needed.



Check control box finger guard and cooling fan for lint build-up and clean air filter as needed.

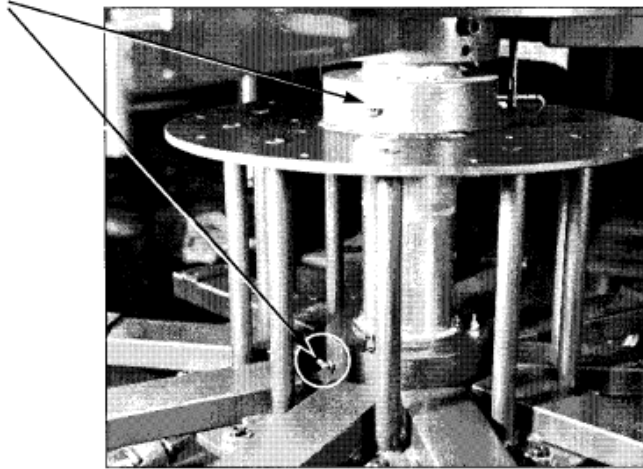




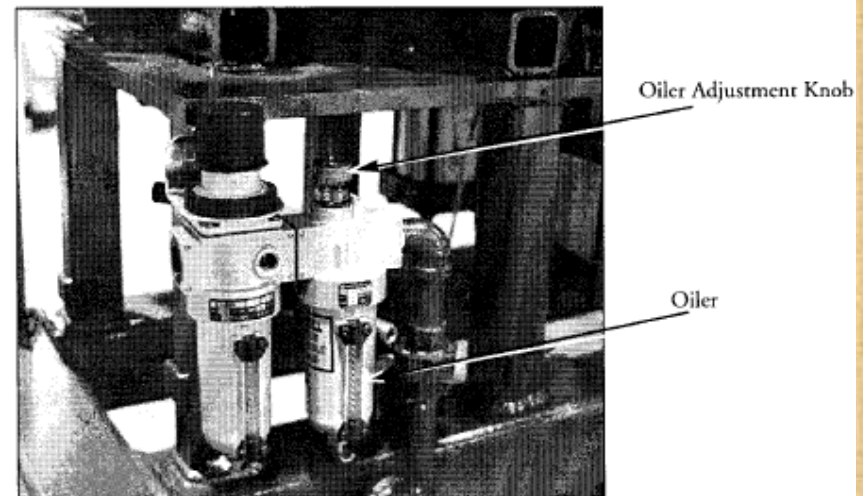
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Bi-Weekly:

Grease zerk (grease) fittings in center shaft bearing with lithium grease.



Check oiler and add 10W non-detergent as needed. (Oiler should be set to give one drop every eight cycles with all systems operational).

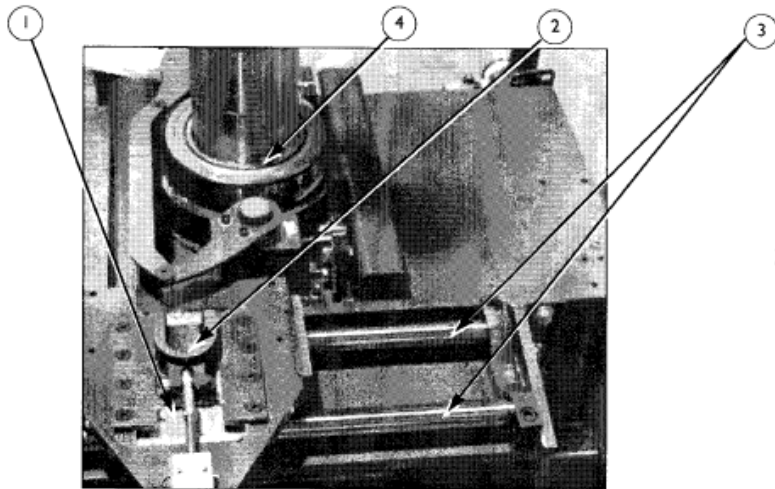




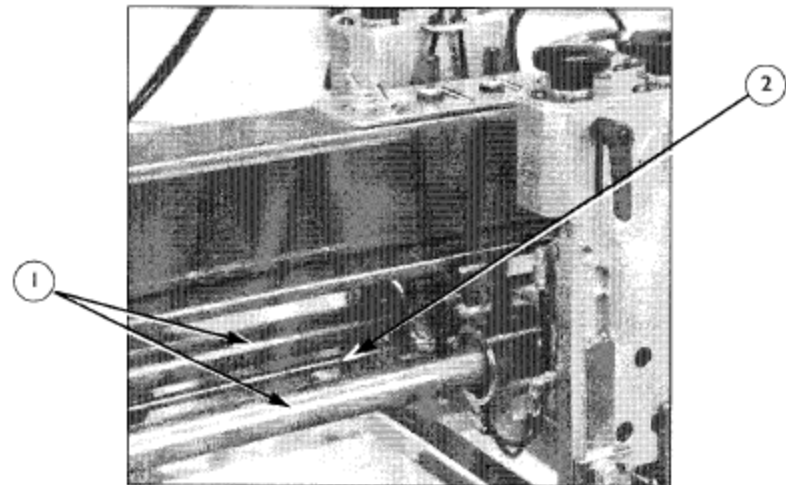
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Weekly:

1. Apply white lithium grease to Indexer Clevis Capture Plate and 2. grease to inside of Clevis. 3. Apply a light coat of grease to index drive shafts. Also, clean any accumulation of spray tac on index drive assembly and/or components. 4. Grease Timkin bearing and lower carousel plate (Not shown).



1. Clean and lubricate carriage shafts with white lithium grease.
2. Clean and lubricate stroke cylinder shaft with 10W non-detergent oil.

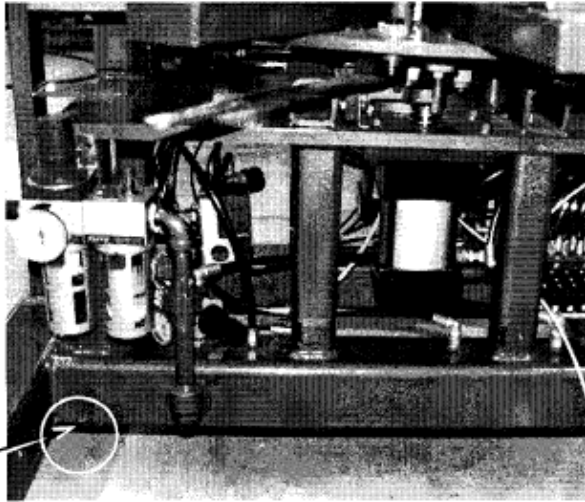




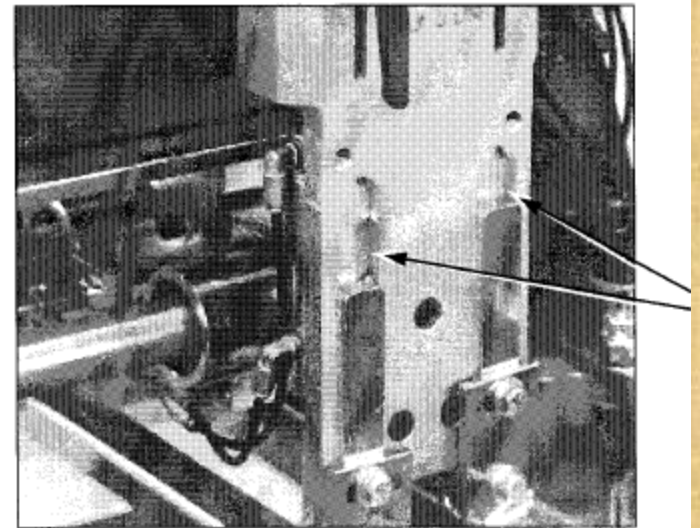
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Weekly Cont.:

Drain water from the compressor tank and press manifold located on the bottom of the base.



Grease chopper slides with white lithium grease.

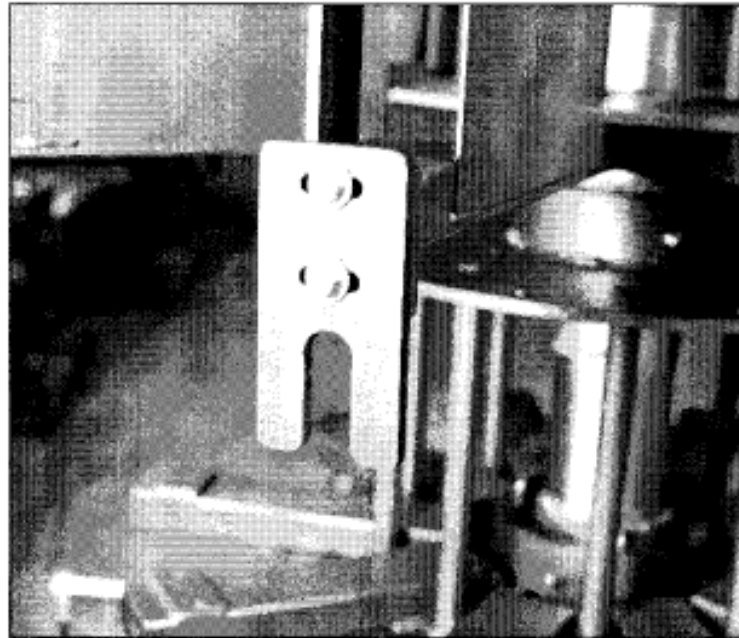




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Monthly:

Apply white Lithium grease to registration bearings and forks. (Bearings not shown in this picture)

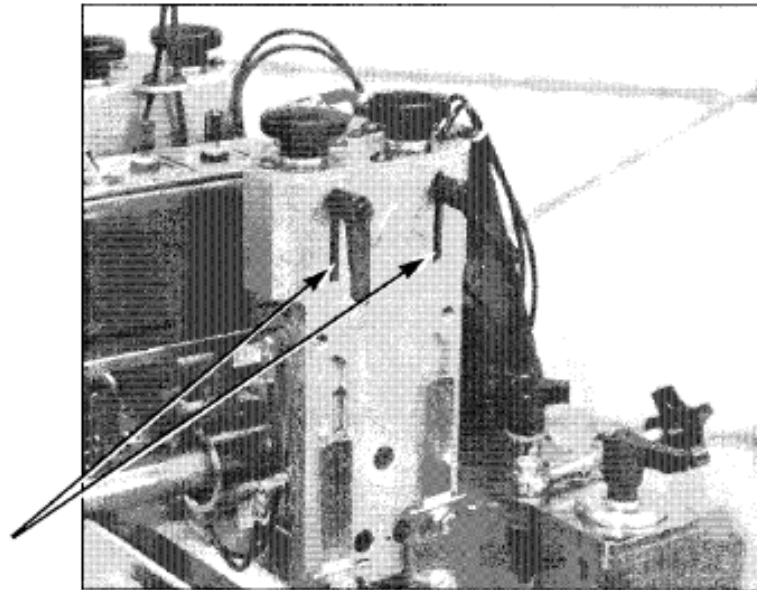


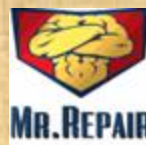


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Monthly Cont:

Use brush and white lithium grease and apply to micro registration threads. Grease squeegee-flood bar adjustment screws by lowering them and applying white lithium grease through slot.





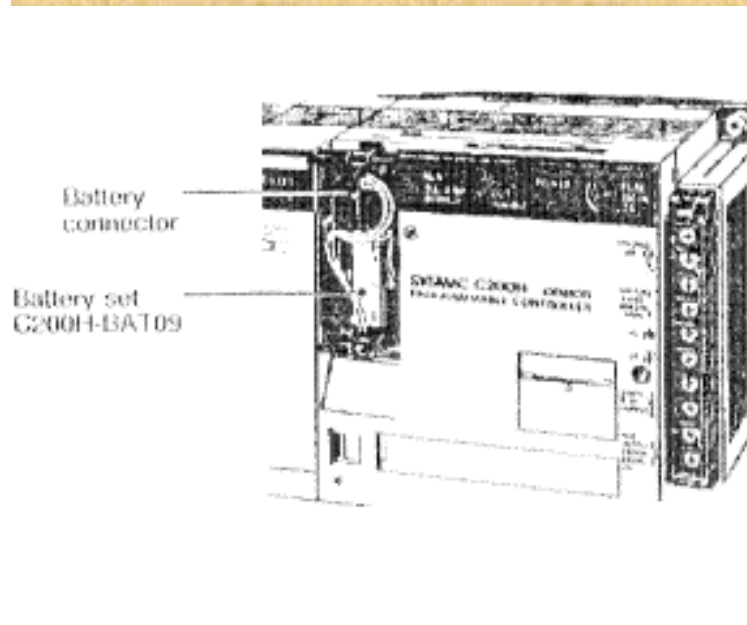
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Every two years:

To replace the battery, follow these steps:

1. Turn OFF the power (if the power is not ON, turn it ON, wait one minute and then turn it OFF).
2. Detach the cover of the battery compartment of the RAM unit.
3. Remove the old battery together with the connector.
4. Install the new battery together with the connector.
5. Attach the cover of the battery compartment. When replacing the cover, position it over the Unit and snap it into the place by applying pressure to the area marked "OMRON". The internal connector will make proper contact.
6. Clear the error message "BATT FAIL" displayed on the Programming console by pressing the CLR, FUN, MONTR, and MONTR keys or by turning off the power to the PC once and then on again.

* Mitsubishi requires no battery.





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Check as Needed:

Check the Metal or yellow Pallet locking cams under the pallets; the more you change pallets the more you will notice the acorn nut may loosen and need 2-1/2" wrenches to tighten them getting rid of any pallet deflection. A good printer will notice this when turning the locking cams in, there should be some tension.

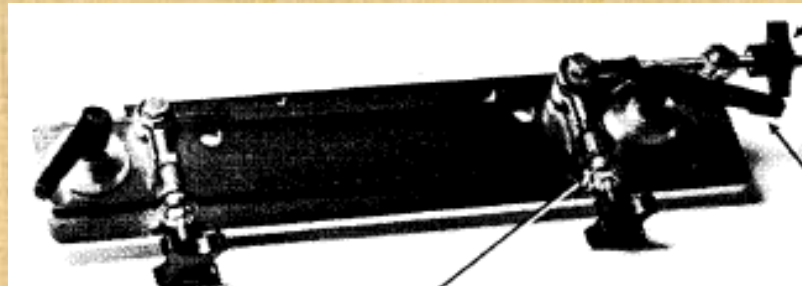




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Remember:

When loosening the micro-registration kipp handles, the more you Loosen the plate the more play there will be from front to back when you tighten them back up.





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When Trouble shooting a problem on the automatic press, you first have to understand the sequence of events that the press performs (as the press indexes, the print-head floods forward...etc).

The 3 most common and most important things to remember when troubleshooting a problem are:

- 1). Is the problem Mechanical: Is there anything binding or sticking?
- 2). Is the problem Pneumatic (air): Is there an air leak or stuck valve or seal, or cylinder, or restricted air flow?
- 3). Is the problem Electrical: Is there an electric short, broken wire making intermittent contact, a bad solenoid that is sticking and not activating the valve to open?