

Fuji CR Imaging Equipment – Readers Maintenance Checklist

The Contractor shall complete the following maintenance checklist during each scheduled preventive maintenance inspection in addition to any other requirements recommended by the manufacturers' specifications (reference service manual for proprietary maintenance).

Service shall be applicable to equipment as follows:

FUJI CR READERS (YEAR 1/PROCESS COUNT OF 30,000)

Reference Original Equipment Manufacturer (OEM) Service Manual for preventive maintenance steps (required)	
Reference details for maintenance procedures: • Back up the log • Check the error log • Check the erasure lamp lighting time	
Check the image/conveyance: • Check the image/conveyance • Check the output characters	
Pull out the machine: • Unlock the retainers • Disconnect the cables	
Remove the covers	
Check and clean the erasure unit: • Remove the filter • Clean the filter • Reinstall the filter • Clean/replace the brush roller • Reinstall the brush roller assembly • Reinstall the reflection plate • Reinstall the erasure unit	
Clean/Reinstall the covers and louvers: • Clean/replace the air filter	
Secure the machine: • Connect the cables • Secure the machine • Check for improper protective grounding	
Check the image/conveyance	
Confirm the S value	
Check the error log	

FUJI CR READERS (YEAR 2/PROCESS COUNT OF 60,000)

Reference Original Equipment Manufacturer (OEM) Service Manual for preventive maintenance steps (required)	
Reference details for maintenance procedures: • Back up the log • Check the error log • Check the erasure lamp lighting time	
Check the image/conveyance:	

• Check the image/conveyance • Check the output characters	
Pull out the machine: • Unlock the retainers • Disconnect the cables	
Remove the covers	
Turn OFF the high-voltage switch	
Check and clean the cassette set unit: • Remove the erasure unit • Remove the cassette set unit • Prepare for cleaning of suction cups • Clean the suction cups (left-hand) • Clean the suction cups (right-hand) • Clean the rubber rollers (small) • Clean the rubber rollers • Install the components • Clean the antistatic member and shutter • Clean inside the machine and the antistatic member • Reinstall the cassette set unit • Clean the dust-tight cover assembly	
Check and clean the erasure unit: • Remove the filter • Replace the filter (#603Y0070) • Reinstall the filter • Clean/replace the brush roller (#334N5027) • Reinstall the brush roller assembly • Reinstall the reflection plate • Reinstall the erasure unit	
Check and clean side-positioning conveyor unit: • Remove the side-positioning conveyor unit • Clean the guide • Clean the rubber rollers • Clean the shock-absorbing rollers, antistatic members, and guide	
Check and clean subscanning unit: • Remove the post-reading conveyor guide assembly • Remove the light-collecting guide • Remove the scanning optics unit • Remove the subscanning unit • Clean the guides, center rollers, and rubber rollers • Clean the flywheel (large) and Kapton belt • Clean the flywheel (small) and rubber belt • Clean inside the machine • Reinstall the subscanning unit • Reinstall the scanning optics unit	
Check and clean light-collecting guide: • Clean and reinstall the light-collecting guide • Clean the post-reading conveyor guide assembly • Reinstall the post-reading conveyor guide assembly • Reinstall the side-positioning conveyor unit	
Turn ON the high-voltage switch	

Clean/reinstall the covers and louvers	
Replace the air filter (#376N0240)	
Secure the machine: • Connect the cables • Secure the machine • Check for improper protective grounding	
Check the image/conveyance	
Confirm the S value	
Check for error log	
Note: the following parts need to be replaced during 2nd year of maintenance or process count of about 60,000 is reached: • Filter (#603Y0070) total of 1 • Brush roller (#334N5027) total of 2 • Air filter (#376N0240) total of 1	

FUJI CR READERS (YEAR 3/PROCESS COUNT OF 90,000)

Reference Original Equipment Manufacturer (OEM) Service Manual for preventive maintenance steps (required)	
Reference details for maintenance procedures: • Back up the log • Check the error log • Check the erasure lamp lighting time	
Check the image/conveyance: • Check the image/conveyance • Check the output characters	
Pull out the machine: • Unlock the retainers • Disconnect the cables	
Remove the covers	
Check and clean the cassette set unit: • Remove the erasure unit • Replace the IP suction pump (#133Y2034)	
Check and clean the erasure unit: • Remove the filter • Clean the filter • Reinstall the filter • Clean/replace the brush roller • Reinstall the brush roller assembly • Reinstall the reflection plate • Reinstall the erasure unit	
Clean/reinstall the covers and louvers	
Clean/replace the air filter	
Secure the machine: • Connect the cables • Secure the machine • Check for improper protective grounding	
Check the image/conveyance	
Confirm the S value	

Check for error log	
Note: the following part needs to be replaced during 3rd year of maintenance or process count of about 90,000 is reached: ● Filter (#133Y2034) total of 1	

FUJI CR READERS (YEAR 4/PROCESS COUNT OF 120,000)

Reference Original Equipment Manufacturer (OEM) Service Manual for preventive maintenance steps (required)	
Reference details for maintenance procedures: ● Back up the log ● Check the error log ● Check the erasure lamp lighting time	
Check the image/conveyance: ● Check the image/conveyance ● Check the output characters	
Pull out the machine: ● Unlock the retainers ● Disconnect the cables	
Remove the covers	
Turn OFF the high-voltage switch	
Check and clean the cassette set unit: ● Remove the erasure unit ● Remove the cassette set unit ● Prepare for cleaning of suction cups ● Clean the suction cups (left-hand) ● Clean the suction cups (right-hand) ● Clean the rubber rollers (small) ● Clean the rubber rollers ● Install the components ● Clean the antistatic member and shutter ● Replace the dumper (opposite reference side) (#386N1304) ● Replace the dumper (reference side) (#386N1303) ● Clean inside the machine and the antistatic member ● Reinstall the cassette set unit ● Clean the dust-tight cover assembly	
Check and clean the erasure unit: ● Remove the filter ● Replace the filter (#603Y0070) ● Reinstall the filter ● Clean/replace the brush roller (#334N5027) ● Reinstall the brush roller assembly ● Reinstall the reflection plate ● Reinstall the erasure unit	
Check and clean side-positioning conveyor unit: ● Remove the side-positioning conveyor unit ● Clean the guide ● Clean the rubber rollers ● Clean the shock-absorbing rollers, antistatic members, and guide	
Check and clean subscanning unit:	

- Remove the post-reading conveyor guide assembly - Remove the light-collecting guide - Remove the scanning optics unit - Remove the subscanning unit - Clean the guides, center rollers, and rubber rollers - Clean the flywheel (large) and Kapton belt - Clean the flywheel (small) and rubber belt - Clean inside the machine - Reinstall the subscanning unit - Reinstall the scanning optics unit	
Check and clean light-collecting guide: - Clean and reinstall the light-collecting guide - Clean the post-reading conveyor guide assembly - Reinstall the post-reading conveyor guide assembly - Reinstall the side-positioning conveyor unit	
Turn ON the high-voltage switch	
Clean/reinstall the covers and louvers	
Replace the air filter (#376N0240)	
Secure the machine: - Connect the cables - Secure the machine - Check for improper protective grounding	
Check the image/conveyance	
Confirm the S value	
Check for error log	
Note: the following parts need to be replaced during 4th year of maintenance or process count of about 120,000 is reached: Dumper (opposite reference side) (#386N1304) total of 1 Dumper (reference side) (#386N1303) total of 1 Filter (#603Y0070) total of 1 Brush roller (#334N5027) total of 2 Air filter (#376N0240) total of 1	

FUJI CR READERS (YEAR 5/PROCESS COUNT OF 150,000)

Reference Original Equipment Manufacturer (OEM) Service Manual for preventive maintenance steps (required)	
Reference details for maintenance procedures: - Back up the log - Check the error log - Check the erasure lamp lighting time	
Check the image/conveyance: - Check the image/conveyance - Check the output characters	
Pull out the machine: - Unlock the retainers - Disconnect the cables	
Remove the covers	
Remove the erasure unit	

Check and clean the erasure unit: - Remove the filter - Clean the filter - Reinstall the filter - Clean/replace the brush roller - Reinstall the brush roller assembly - Reinstall the reflection plate - Reinstall the erasure unit	
Clean/reinstall the covers and louvers	
Clean/replace the air filter	
Secure the machine: - Connect the cables - Secure the machine - Check for improper protective grounding	
Check the image/conveyance	
Confirm the S value	
Check for error log	

Fuji CR Imaging Equipment – Cassettes and Imaging Plates

FUJI CR CASSETTES CLEANING (MONTHLY SERVICE)

Reference Original Equipment Manufacturer (OEM) Service Manual for preventive maintenance steps (required)	
Check the general conditions of the cassette	
Check cassette for loose hinges, hinge rivets and clasps	
Clean outside of cassette as instructed in service manual *Note: Cleaning process should be similar to standard screen-film cassettes. Remove imaging plate from cassette before cleaning. Keep imaging plate away from fluids. DO NOT immerse the cassette in solution when cleaning	
Ensure proper function of imaging plate after cleaning cassette	

FUJI CR IMAGING PLATES (IP) CLEANING (MONTHLY SERVICE)

Reference Original Equipment Manufacturer (OEM) Service Manual for preventive maintenance steps (required)	
Remove dust, foreign particles, or finger prints on the surface of the IP using steps below:	
While wearing lint free cotton gloves remove the IP from the cassette and inspect both sides of the IP for artifacts and physical damage. When placing the IP directly on a surface use a clean lint free cloth to protect the IP from physical damage	
If artifact exist, use a lint free cloth such as a photographic lens cloth, and gently rub the surface clean	
When necessary, use the IP cleaning solution (anhydrous ethanol) if stains or persistent artifacts remain	
Always wear appropriate protective clothing when handling cleaning solutions. Do not apply the solution directly to the plate, rather, put a small amount of the	

solution on a lint free cloth and wipe each surface of the IP in a zigzag pattern to remove the artifact	
After cleaning the liquid cleaners, IP's should be allowed to air-dry and then lightly brushed with a camel's hair brush or lint free cloth before insertion into the cassette for use	
Note: Anhydrous ethanol is the only solution used for wet cleaning of an IP. Do not use water, screen cleaner or isopropyl alcohol to clean the IP's.	
Occasionally, bits of dust or dirt can become lodged within the cassette. When necessary, open the cassette and wipe or vacuum the cassette interior before inserting the IP	
Ensure proper function of imaging plate after cleaning	

FUJI CR IMAGING PLATE REPLACEMENT

Reference Original Equipment Manufacturer (OEM) Service Manual for preventive maintenance steps (required)	
Replace IPs when any of the following conditions are found:	
Scratches on IP protective layer surfaces appear on film as scratch images	
Damage to IP surfaces, backing layers, or any edges are detected	
Phosphor layers begin to separate from supports	
Note: Imaging plates and cassettes should be disposed in a proper manner and accordance with the laws of CA and the U.S. Environmental Protection Agency (EPA). Imaging plates contain barium and cassettes contain lead backing.	

Fuji CR Imaging Equipment – Laser Printers

FUJI DRYPIX FILM PRINTER (ANNUAL MAINTENANCE)

Reference Original Equipment Manufacturer (OEM) Service Manual for preventive maintenance steps (required)	
Check the general conditions of the unit	
Check the control panel operation	
Check hardware and tray integrity	
Check the condition of the wires	
Clean the unit the system as instructed in the OEM Service Manual	
Perform proper diagnostic testing	