

8.4.1 Parts Required for Periodic Replacement

Here are parts required for periodic replacement

Part name	Interval	Radar model	Part type	Part code
1. Magnetron	4,000 hours	JMA-9110-6XA/6XAH	MAF1565N ⁱ	5VMAA00102
		JMA-9122-6XA/9XA/6XAH	M1568BS ⁱ	5VMAA00106
		JMA-9123-7XA/9XA		
		JMA-9132-SA JMA-9133-SA	M1555 ⁱ	5VMAA00104
2. Motor	10,000 hours	JMA-9110-6XA/6XAH	H-7BDRD0048 ^{*ii}	7BDRD0048 ^{*ii}
		JMA-9122-6XA/9XA	MDBW10822 ^{*ii}	MDBW10822 ^{*ii}
		JMA-9123-7XA/9XA		
		JMA-9122-6XAH	H-7BDRD0045 ^{*ii}	7BDRD0045 ^{*ii}
		JMA-9132-SA JMA-9133-SA	MDBW10823 ^{*ii}	MDBW10823 ^{*ii}
3. Fan (Scanner Unit)	20,000 hours	JMA-9122-6XA/9XA/6XAH	H-7BFRD0002 ^{*ii}	7BFRD0002 ^{*ii}
		JMA-9132-SA		
4. LCD PANEL	50,000 hours		CML-799L	CML-799L
5. Fan				
(Radar Process Circuit)	20,000 hours		109R0612S4D13	5BFAB00588
(Power Supply)	20,000 hours		H-7BFRD0006 ^{*ii}	7BFRD0006 ^{*ii}
7. Backup battery	5 years		CR2032	5ZBCJ00012

- i. Use a genuine magnetron.
- ii. "*" means revision, such as A, B and so on.

8.4.2 Replacement of magnetron



Replacement of magnetron must be made by specialized service personnel.
For details, refer to Service Manual.
Use genuine parts as mentioned above.

When mounting a new magnetron, do not touch the magnet with a screwdriver or put it on an iron plate. After replacement, connect the lead wire correctly.

Handling of Magnetron under Long-Time Storage

The magnetron that has been kept in storage for a long time may cause sparks and operate unstably when its operation is started. Perform the aging in the following procedures:

- 1) **Warm up the cathode for a longer time than usually. (20 to 30 minutes in the STBY state.)**
- 2) **Start the operation from the short pulse range and shift it gradually to the longer pulse ranges. If the operation becomes unstable such as the magnetron current is unstable, in during this process, return it to the standby mode immediately. Keep the state for 5 to 10 minutes until the operation is restarted.**