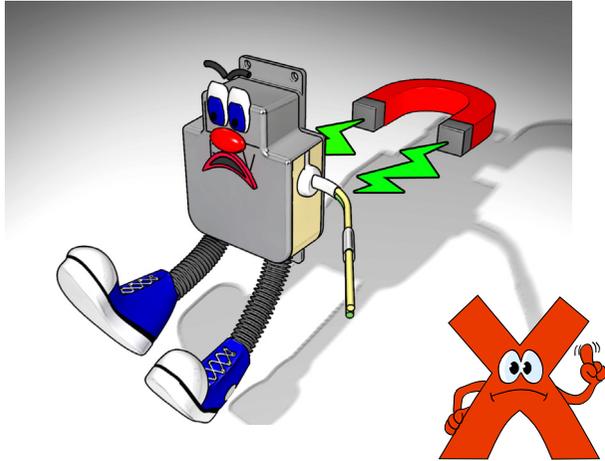
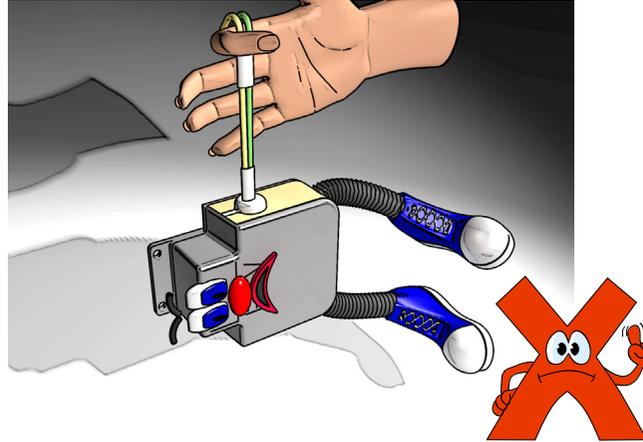


Take Care Of Your Marine Magnetron

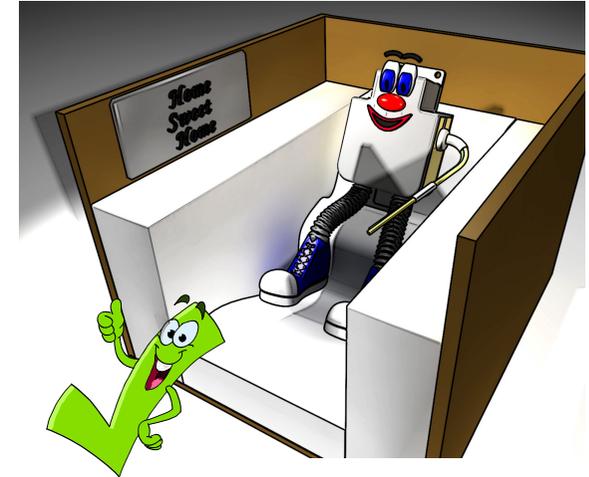
1. Keep steel and magnets away from me. (use only non-magnetic screwdrivers)



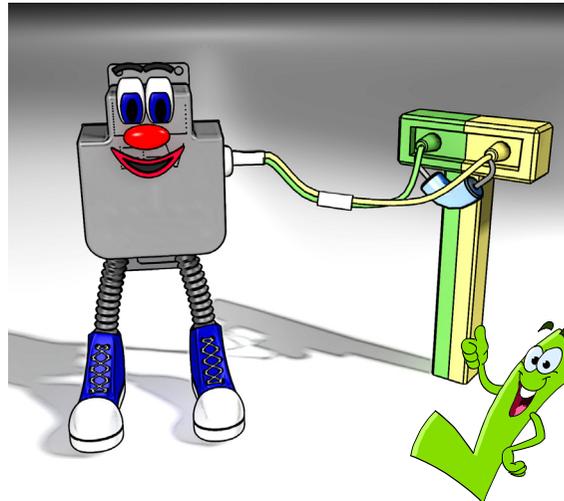
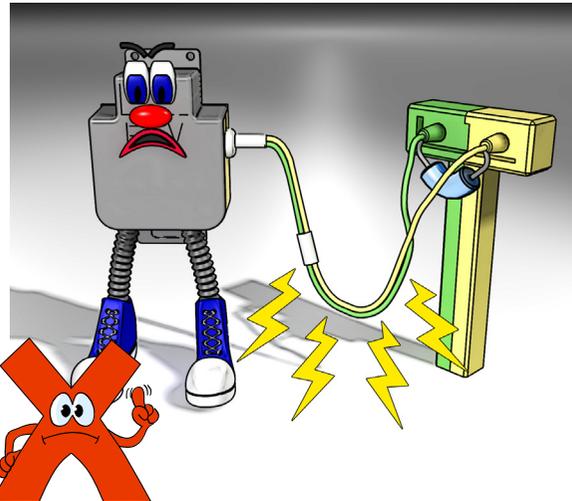
2. Do not lift me by my input leads.



3. Keep me in my pack (This ensures safe separation distance from steel). Storage areas must be 10°C above dew point to prevent condensation.



4. Trim leads if required to prevent contact with radar equipment but ensure there is adequate slack. Do not stress my leads when trimming extra length.



After storage the magnetron should be run up in a manner which minimises the risk of damage from internal arcing.

- a. After a period of storage increase normal cathode pre-heat time by an extra 5 minutes before applying HT.
- b. If possible start the magnetron HT at medium pulse and 80% of normal level. If arcing occurs during run-up wait until it stops before increasing the HT. Run for about 30 mins before increasing power or changing pulse width. Then slowly increase power to full operating level.
- c. If the HT cannot be varied then select a medium pulse length. Once operation is stable progressively increase to longer pulse lengths until stable operation is achieved at longest pulse. If the magnetron exhibits unstable operation turn off the high voltage immediately. Pre-heat the magnetron for 5 to 10 mins and repeat all steps from the beginning again.

Thank you for caring for me!