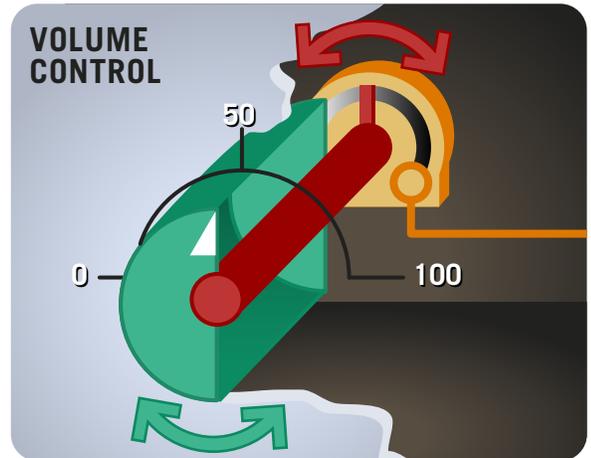


What is the cause of noisy pots?

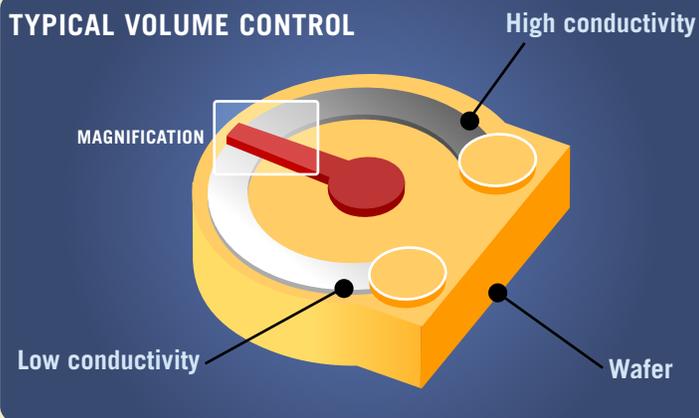
How Potentiometers (Pots) Malfunction

1. The wiper literally wears a path through the conductive strip. When this happens, they don't make contact anymore and the pot quits working.
2. During the normal life of the pot (that is the wear-out process) the bits of resistive material gouged from the resistive strip stay around and can actually lift the wiper from the resistive strip. Dirt and dust that get into the pot will have the same effect.
3. Sparks are generated while the wiper is being moved around the tracks. This can cause pits on the surface of the track causing discontinuities.
4. In harsh environments such as those in military situations, small vibrations will cause mechanical wear of the pot components.



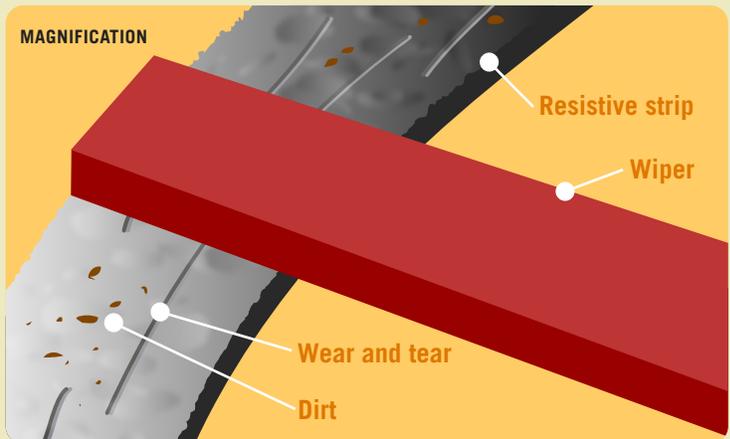
WEAR AND TEAR LOCATION ON POTENTIOMETERS

TYPICAL VOLUME CONTROL



WHAT IS A POTENTIOMETER?

It is an electronic component that is used to vary, or control, the amount of current that flows through an electronic circuit.



EXAMPLES OF POTENTIOMETERS

- ▶ Volume control knob on your stereo
- ▶ Dials on your VCR, DVD, Amplifier, etc
- ▶ Dimmer switch for your living room light

SOLUTIONS

1 Reassemble Pot

If you have a brand of pot that can be reassembled, you can swap wafers between pots to repair a broken or worn out one.

2 Super Contact Cleaner w/ PPE

One blast of this advanced cleaner will remove the dirt and loosen particles from the resistive strip and the specialized lubrication left behind will fill in the wear and tear paths for a smooth continuous path.

| STOCK CODE | PRODUCT NAME | MIN. CASE QUANTITY |
|------------|--|--------------------|
| 801B-125G | Super Contact Cleaner w/ Poly Phenyl Ether | 10 |



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