

## APPLICATION NOTE

# 521A BATTERIERS STICKING

It seems that some D cells are getting fatter. Perhaps the battery manufacturers want to give you better value for money by increasing capacity? Who knows? What we know is that Tempo have not changed the design of the battery compartment of 521A for several years, yet some users have recently experienced trouble where they cannot get all the cells to make reliable contact in the transmitter.

To counter this trouble in units leaving the factory we are wiping a little silicone oil over the plastic dividers in the battery compartment to help lubricate them. This way, the batteries cells will more easily slide, allowing the springs to push the positive end all the way to the contact at the other end of the tray.

If you experience trouble when replacing the battery of the 521A transmitter can we suggest that you try the following:

**1**

Check how tight the cells you have are in the battery holder.

**2**

Try “rolling” each cell to encourage it to center in its compartment.

**3**

If the cells are “sticking”, then try wiping a trace of silicone oil onto the plastic frame of each compartment of the battery holder. If you do not have silicone oil, try silicone furniture polish. Apply the oil or polish to a rag or tissue and wipe onto the plastic surfaces, only a tiny quantity is needed - do not spray or pour oil or polish into the compartment.

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