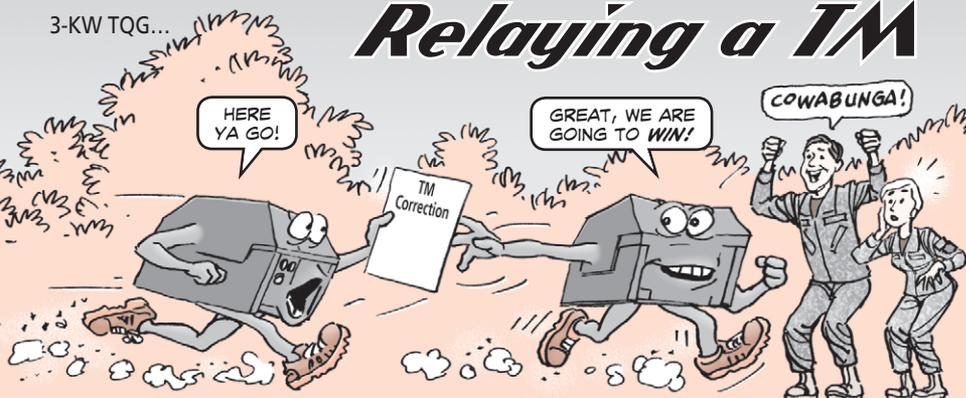


# Relaying a TM Correction



Dear Half-Mast,

I have a problem with Figure 15 on Pages C-42 and C-43 in the 3-KW TQG technical manual, TM 9-6115-639-13&P (15 Aug 2005). The drawing and the parts list shows all three electromagnetic relays as identical.

But they're not!

The first two relays are 24 VDC and the last relay is 110-120 VAC. If a soldier plugs a 24 VDC relay into the socket meant for a 110-120 VAC relay, when the generator is started, the relay coil will burn up!

Am I crazy? Or is the TM wrong?

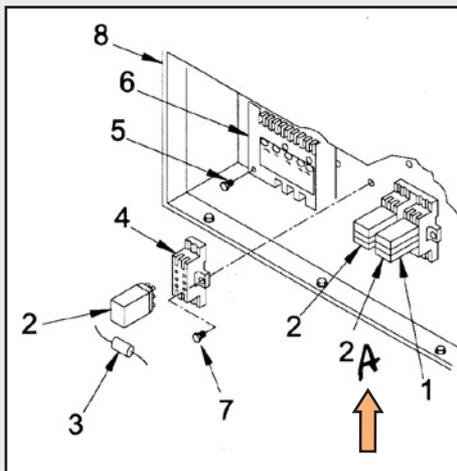
SGT A.M.I.

Dear Sergeant A.M.I.,

You're **not** crazy!

The TM is wrong for the 60 Hz model of the generator. (It's right for the 400 Hz model.) 60 Hz, 3-KW TQG maintainers, get out your stubby pencil and make these changes in TM 9-6115-639-13&P. (If you're using an electronic TM, print the pages and make the changes, then keep those pages with the electronic manual disk.)

Make your first change to Figure 15 on page C-42. The figure has three 2's, each one pointing to a relay. Make the 2 on the far right relay, a 2A.



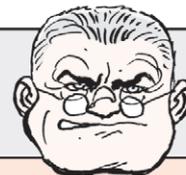
Now, go to the next page and the parts list. On Item 2, change the quantity from 3 to 2. Now, add an Item 2A. Here's how the addition should look:

Item	SMR	NSN	CAGE	PART NUMBER	DESCRIPTION, (UOC)	QTY
2A	PAOZZ	5945-01-558-5373	60886	RH2B-ULAC-110-120V	Relay, Electromagnetic 60 Hz, UOC: LQQ	1

Now look at Item 3 in that list—the semiconductor device. Add to the item description 60 Hz and a UOC of LQQ. Change the quantity from 1 to 2. Also, note that although this part is still in stock, it is obsolete and you may have a semiconductor device with a part number of 1.5KE51CA instead of the one listed.

While you're there, go ahead and add an additional item for 400 Hz needs. Here's how that addition should look:

Item	SMR	NSN	CAGE	PART NUMBER	DESCRIPTION, (UOC)	QTY
3	PAOZZ	5961-01-057-3305	81349	JANTX1N6072A	Semiconductor Device 400 Hz, UOC: LQR	3



THANKS FOR POINTING THIS OUT, SGT A.M.I.

