

PINNING DOWN THE PARTS



Using parts of the AN/VIC-3(V) vehicle intercommunications system to get the AN/VIC-1(V) system up and running is like trying to cram a dozen professional wrestlers into a Volkswagen Beetle. The Bug will burst before all those wrestlers will fit. The same thing will happen to the VIC-1(V) system.

The parts manuals for both systems will give a clue to the problem. TM 11-5830-340-23P, the manual for the AN/VIC-1(V), is 45 pages long. TM 11-5820-263-20&P, the manual for the AN/VIC-3(V), is 238 pages long! That's a lot of wrestlers to cram into that Beetle!

One area where substituting is often tried, but will not work right, is with the headsets and microphones.

The AN/VIC-3(V) uses headset-microphones: (Bose) CVC H-374/VRC, H-374/VRC PICVC (product improved) and the ITH (RACAL) CAPS/ACAPS, H-365/VRC, H-366/VRC and H-370/VRC. These headset-microphones use a digital voice system and have an active noise reduction feature, along with an electric-powered microphone.

The AN/VIC-1(V) uses headset-microphone DH-132A and DH-132B. These headset-microphones use an analog system and do not require any power.

For example, if you plug in an H-374 into your AN/VIC-1 system, you'll draw power from the intercom system and damage the power supply in the VIC-1 master control station, AM-1780.

The best thing to do when your AN/VIC-1 is on the fritz is replace it with an AN/VIC-3. To get this process started, contact the Project Management Defense Communications and Army Transmission Systems Office, DSN 992-5415 or (732) 532-5415.

