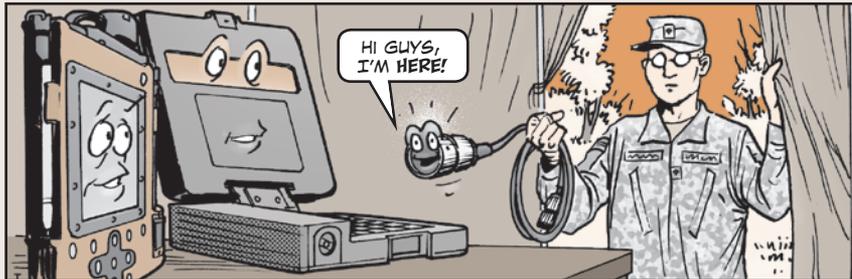
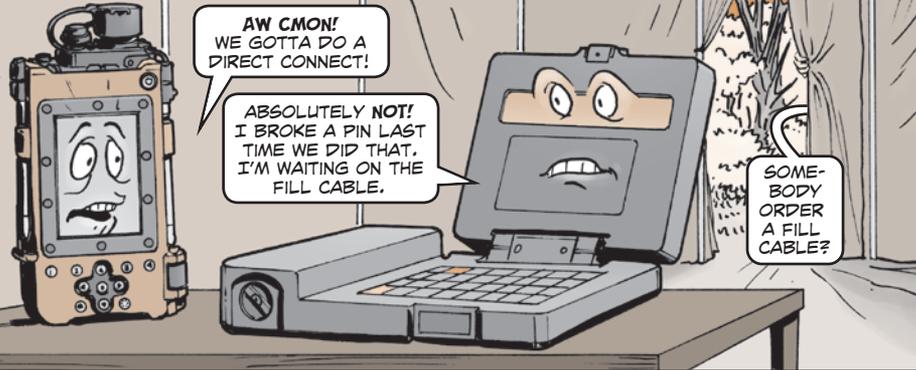


Fill Cable is Key to Connections

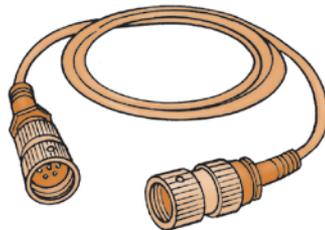


Use a fill cable, NSN 5810-01-066-7587, every time you connect fill devices, such as the AN/PYQ-10(C) simple key loader (SKL) or AN/CYZ-10 data transfer device (DTD), to each other or to any COMSEC/controlled cryptographic item (CCI) equipment.

Other fill devices you might find in the field are the KOI-18, KYK-13 and KYX-15/15A.

Never try to make a direct hookup between two fill devices, or between COMSEC/CCI equipment and a fill device, without a fill cable. If you do, you'll bend or break pins in the connectors. Then your fill device or COMSEC/CCI equipment will be non-mission capable.

Use fill cable to connect fill device



HERE ARE SOME **DO**S AND **DON'T**S WHEN YOU USE THE FILL CABLE...



DO

- **DO** inspect both connectors on the fill cable. Look for damaged or missing contacts. Also look for bent or missing connector pins on the fill device and the COMSEC/CCI equipment.

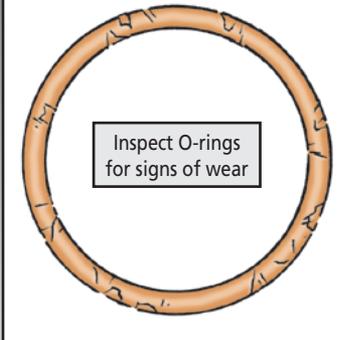
- **DO** line up the flat surface of the cable connector with the red dot on the equipment's fill connector when you connect the cable. Then press in and turn the cable connector clockwise. This should lock the fill cable in place. Never use force to make the connection.

- **DO** check the O-rings, NSN 5331-00-905-6032, in both connectors of the fill cable. Make sure they're in place. If they're dried, cracked or show signs of wear, replace them. Missing O-rings could cause the fill cable to twist off the fill device or COMSEC/CCI equipment. Missing O-rings could also cause intermittent communications.

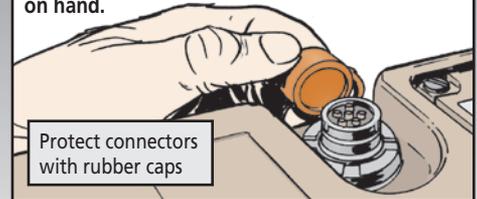
- **DO** make the cable connectors easy to install by lightly coating the O-rings with lubricant, NSN 6850-00-177-5094. Put a dab on your fingertip and wipe down the O-rings.



Coat O-rings with lubricant



- **DO** cover the fill connectors with protective rubber caps when you're not using fill devices or COMSEC/CCI equipment. They keep out dust, dirt and moisture. Always keep a few spare caps on hand.



DON'T

- **DON'T** use saliva to lubricate the O-rings. Saliva can damage them over time.

- **DON'T** forget to read these technical manuals to get more information on using fill cables with fill devices:

Fill device	Technical manual
AN/PYQ-10(C)	TM 11-5810-410-13&P
AN/CYZ-10	TM 11-5810-394-13&P
KOI-18, KYK-13, KYX-15/15A	TM 11-5810-292-13&P