

The Quill(er) Memorandum

Dear Editor,

Many main input quills for transmissions are scrapped because the threads in the jack screw holes are stripped during removal.

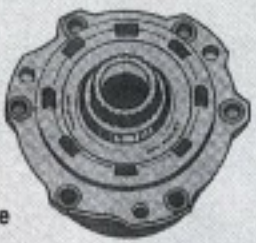
This is because TM 55-1520-236-23-1 tells you to use a sealing compound on quill case joints and inside jack screw holes.

It's easy to remove sealant from around the quill, but next to impossible to remove it from the screw holes.

You've got to use a knife or similar sharp object to remove the sealant. That damages the threads.

Sealant that you can't get out of the holes makes the T-handles hard to turn in the quill. Threads strip. T-handles are easy and cheap to make, but the quill housing and quill assembly cost big bucks to replace.

Sealant inside holes is hard to remove



To solve that problem, use plugs, NSN 5365-00-726-4161, and gaskets, NSN 5330-00-186-4945, to fill the jack screw holes instead of sealant.

Torque plugs to 30 lb-in and safety wire them in threes with .032-in lockwire.

Use plugs and gaskets instead of sealant

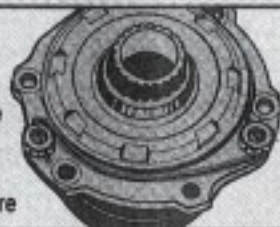


This saves a lot of man-hours for cleaning up and dollars for damaged quills.

SSG Rocky M. Waymon
Savannah, GA

(Editor's note: Thanks for the sound advice!)

Torque plugs and lockwire



WE MUST SANCTION THIS QUILL, IT IS NO LONGER USEFUL!

YOU'RE MAKING A COSTLY MISTAKE!

HEY! UNHAND THAT QUILL! IT'S STILL GOOD!

ACCORDING TO THE QUILLER MEMORANDUM, THIS DEVICE IS WORTH A FORTUNE TO INTERESTED PERSONS!