

The Best Surprise Is...

NO Surprise!?!



A lot of Huey and Cobra transmissions are showing up for overhaul without enough protection from moisture.

Course, that overhauled universal transmission you received as a replacement has the feature of allowing you to use it on all models. The old accessories just have to be switched to the new transmission.

Therein lies the problem: accessory drive ports in the removed transmission are not covered properly.

When openings for the generator drive quill and the hydraulic pump and tachometer drive quill are left unprotected,

Moisture enters unprotected accessory part



the moisture villain has an opening.

Remember that the internal magnesium is not protected by oil when the transmission is idle. Add the fact that it can be a long time before that baby is actually worked on at the depot and you have a candidate for the scrap heap.

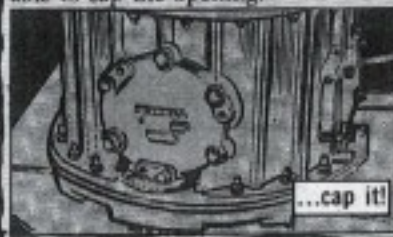
Save
The new transmission is protected from the weather. Send the old one back the same way. Save the protective covers.



Then, when you remove the generator drive quill, for example, you'll be able to cap the opening.



...cap it!



the Covers

Some mechs are using cardboard or plastic. That won't hack it!



Use the proper cover with a suitable gasket and smear sealing compound,

NSN 8030-00-252-3391, around the edges of the cover. That'll keep the moisture villain at bay!



Use New Liner

Reusable plastic liner—use it!



When you can the old transmission, use the new, reusable plastic liner, NSN 8145-01-092-1973, in the metal container. The container no longer has to be sealed.

All the instructions for using and maintaining the plastic are in a pocket of the liner.

Prepare the transmission for shipment according to the info in the -23 maintenance manuals.

Aviation Messages

If your unit has not received a message in which you have an interest, check with your next higher headquarters.
General 82-01 Maint Advice, Recycle of engine and A/C components. (See classification) DNSTS-MEA 141805Z May 82

General 82-06 Maint Advisory, Use of 81 January DNSTS-MEA 112552Z May 82
AM-1-82-88 Maint Advisory, Patch control tubes. DNSTS-MEA 112545Z May 82
AM-1-82-87 Maint Advisory, Prohibit emergency removal destination transfer ops. DNSTS-MEA 202102Z May 82

Call 1 EIR Phone: AUTOVON 693-3099 (24 hours)

CH-47-82-04 Technical, Inspect CH-47 B/C rotor base caps. DNSTS-MEC 111815Z May 82 (corrected by 261802Z May 82)