



DO THE

DOUBLE-TWIST

Up tight, but not overstressed.

That's the way you should safety hardware to keep turning, rotating, twisting, vibrating parts on your bird.

Here's how to do the double-twist on a Huey (UH-1B, D/H) pitch change link, for example.

Latch onto some zinc coated carbon steel wire, Fed Spec QQ-W-461.

You'll find it, and other lock wire for your baby, listed in the bulk materials section of TM 55-1520-210-20P-2 (Nov 69).

When choosing wire follow these minimum requirements. Use 0.020-in diameter wire when the hole is 0.045 inch or less. Use 0.032-in diameter wire when the hole is more than 0.045 inch.

Use steel corrosion resisting wire where nonmagnetic and heat resisting (hot section) requirements have to be met.

Never reuse lock wire because it has lost strength and will break under additional tension. Cut a 2-ft piece of wire off the spool.

1. Thread the wire thru a hole in the lock nut so that both ends are about even. (Decide which hole in the barrel to use. The wire should act as a restraining force on the nut, in a tightening direction.)



3. Insert the lock wire into the barrel hole.



5. Twist the wire clockwise to secure the nut to the barrel.



7. Put a double wrap around the devis.



9. Push the pigtail inside the devis to reduce the possibility of hand cuts during inspections.

That'll hold the torque on those link nuts.

2. Twist the lock wire in a clockwise direction and stop just short of the barrel hole.



4. Pull the wire taut.



6. Stop twisting when you reach the devis.



8. Twist the wire 1/4 to 1/2 inch, or 3 to 6 twists. Cut off the remainder.

