



The manufacture of parts so they can be installed only one way—the right way—is becoming a reality on newer aircraft.

No bird can be made 100 percent Murphy-proof, tho.

For example, the clamp bolts on the Huey tail rotor drive shaft will fit either way. Even the tail rotor blades can be installed bassackwards.



Tech manuals offer a lot of help, like reminding mechs to install a bolt with the head in direction of rotation—in case the nut should come loose.

But, it's up to all you mechanics to use your savvy to get a bird back in the blue. That includes more than the knowledge gained when removing and disassembling the part, especially if reassembly and replacement are delayed for other chores.

You can use colored tape to index parts of a component so you can easily put it back together again. Right—prevent a Murphy!

The overhaul depot uses small dots, painted on the main rotor head, to index balanced components and save you a lot of sweat and elbow grease.

***Murphy's Law:** *If an aircraft part can be installed wrong, someone will install it that way!*