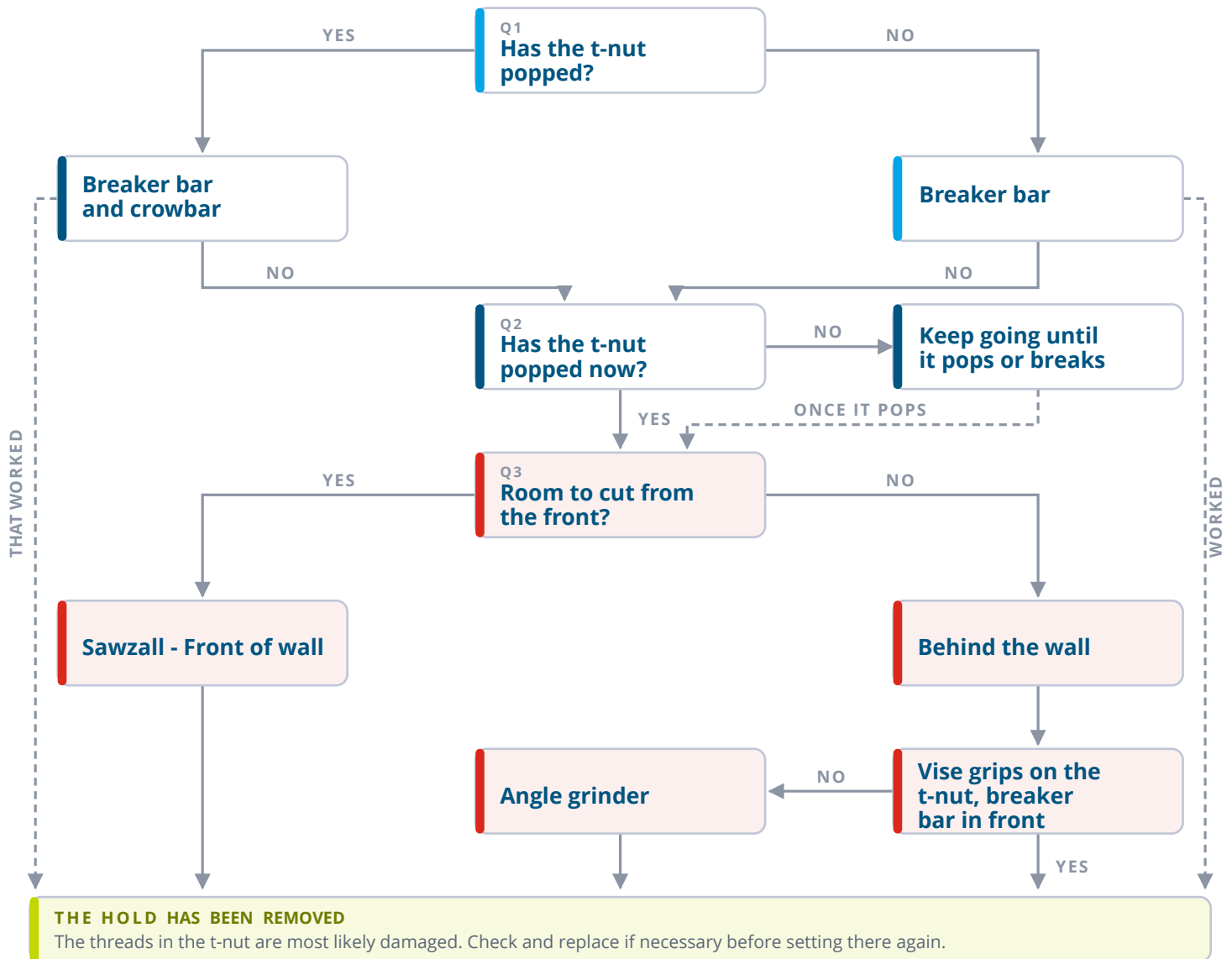


# Stuck Hold Decision Tree

Work down the flowchart, the least invasive methods are first. **Color shows typical authorization at each step.**



## BEFORE ROUTESSETTING BEGINS

- 01 Size.** Metric and standard bolts are not interchangeable.
- 02 Length.** Long enough to fully engage the t-nut.
- 03 Condition.** Burred, bent, or rounded threads means out.
- 04 Cross-threading.** The most common cause of stuck holds. You can feel it almost immediately.

## AFTER THE HOLD IS OFF

- Tap it.** Recut the threads, blow it out, run a magnet through it, then test with a bolt you have already inspected.
- No threads left?** That is a ghost t-nut. The position is out of service until it is replaced.
- Replacement** happens behind the wall, so it goes to an authorized worker.

## TWO RULES ABOVE ALL

**Behind the wall**  
Trained and authorized workers only, every time.

**Not sure how to proceed?**  
Ask your supervisor. That is a normal part of the job, not a last resort.