On the Subject of The Lamp

How many bomb defusal experts does it take to screw in a light bulb?

This module has a light bulb on it, which may be see—through (translucent) or opaque, and two buttons labeled I and O.

If you incur a strike because you pushed a wrong button, ignore it and continue.



If you incur a strike because you unscrewed or screwed in the bulb at an incorrect time, you <u>must</u> undo that and then continue.

Begin at step 1.

- Step 1 If the light is on and the bulb is see-through, press I and go to Step 2.
 - If the light is on and the bulb is opaque, press 0 and go to Step 3.
 - Otherwise, unscrew the bulb and go to Step 4.
- Step 2 If the bulb is red, press I, then unscrew it and go to Step 5.
 - If the bulb is white, press 0, then unscrew it and go to Step 6.
 - Otherwise, unscrew the bulb and go to Step 7.
- Step 3 If the bulb is green, press I, then unscrew it and go to Step 6.
 - If the bulb is purple, press 0, then unscrew it and go to Step 5.
 - Otherwise, unscrew the bulb and go to Step 8.
- Step 4 If the bomb has any of the following indicators: CAR, IND, MSA or SND, press I and go to Step 9.
 - Otherwise, press O and go to Step 10.
- Step 5 If the light went off at Step 1, press the same button again, then screw the bulb back in.
 - Otherwise, press the button you haven't yet pressed, then screw the bulb back in.
- Step 6 If the bulb went off when you pressed I, press the button that you pressed in Step 1, then screw the bulb back in.
 - Otherwise, press the button that you pressed in Step 2 or 3, then screw the bulb back in.

- Step 7'. If the bulb is green, press I, remember SIG and go to Step 11.
 - If the bulb is purple, press I, then screw it back in and go to Step 12.
 - If the bulb is blue, press 0, remember CLR and go to Step 11.
 - Otherwise, press O, then screw the bulb back in and go to Step 13.
- Step 8 If the bulb is white, press I, remember FRQ and go to Step 11.
 - If the bulb is red, press I, then screw it back in and go to Step 13.
 - If the bulb is yellow, press O, remember FRK and go to Step 11.
 - Otherwise, press 0, then screw the bulb back in and go to Step 12.
- Step 9 If the bulb is blue, press I and go to Step 14.
 - If the bulb is green, press I, then screw it back in and go to Step 12.
 - If the bulb is yellow, press 0 and go to Step 15.
 - If the bulb is white, press 0, then screw it back in and go to Step 13.
 - If the bulb is purple, screw it back in, then press I and go to Step 12.
 - Otherwise, screw the bulb back in, then press 0 and go to Step 13.
- Step 10 If the bulb is purple, press I and go to Step 14.
 - If the bulb is red, press I, then screw it back in and go to Step 13.
 - If the bulb is blue, press 0 and go to Step 15.
 - If the bulb is yellow, press 0, then screw it back in and go to Step 12.
 - If the bulb is green, screw it back in, then press I and go to Step 13.
 - Otherwise, screw the bulb back in, then press O and go to Step 12.
- Step 11 If the bomb has the remembered indicator, press I, then screw the bulb back in.
 - Otherwise, press O, then screw the bulb back in.
- Step 12 If the light is now on, press I.
 - Otherwise, press O.
- Step 13 If the light is now on, press 0.
 - Otherwise, press I.
- Step 14 If the bulb is opaque, press I, then screw the bulb back in.
 - Otherwise, press O, then screw the bulb back in.
- Step 15 If the bulb is see-through, press I, then screw the bulb back in.
 - Otherwise, press O, then screw the bulb back in.