

Heated steering wheel install

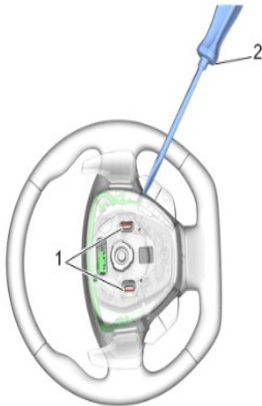
Tools needed:

- 50 Torx bit
- Ratchet and 6" extension
- 10mm socket
- 10mm wrench
- Small standard screwdriver
- Phillips Screwdriver
- Trim removal tool
- 7mm nut driver

Step 1: DISCONNECT THE BATTERY AND LET THE CAR SIT FOR AT LEAST 15 MINUTES BEFORE BEGINNING

Step 2: Remove the air bag

1. Disable the SIR system. [SIR Disabling and Enabling](#)



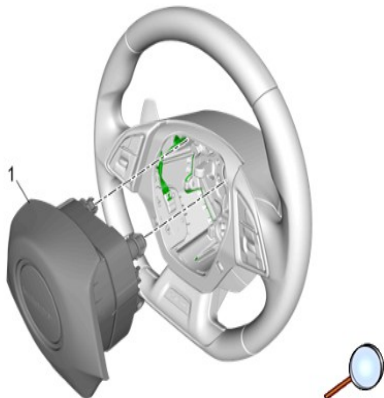
2. On the side of the steering wheel are 2 circular openings, turn the steering wheel so that one opening is at the top.

3. Insert a screwdriver or equivalent tool(2) through the access opening and push the spring fastener(1) inward to release the steering wheel spring fastener from the steering wheel.

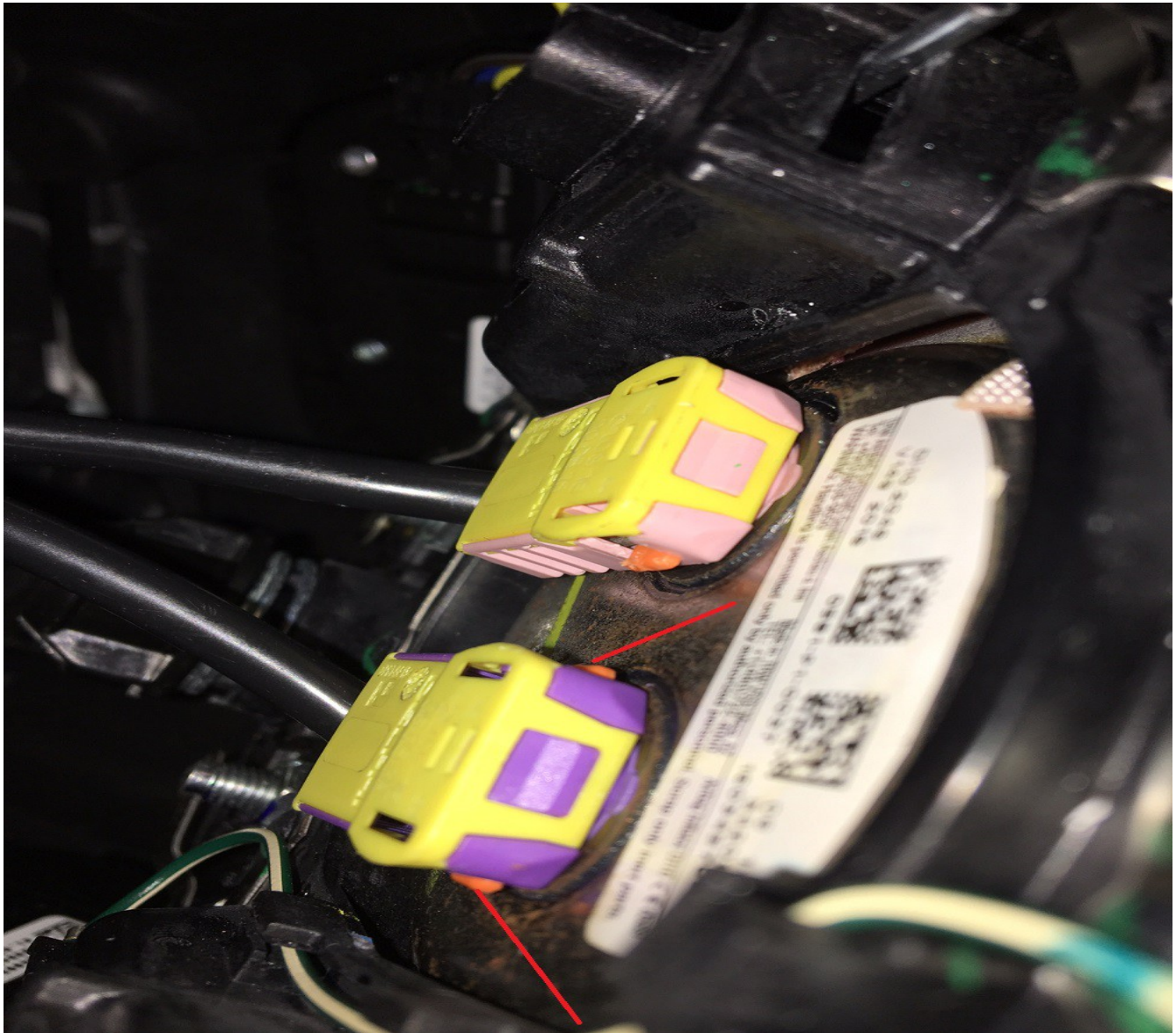
4. Turn the steering wheel 180 degrees to access the second hole at the top and repeat the above step.

5. Release the connector position assurance (CPA) retainers.

6. Disconnect the electrical connector.



Removing the airbag connectors can be a little tricky, there are 2 releases on each connector, you will need to depress both of them at the same time in order to remove the connector



Step 3: Remove the steering wheel:

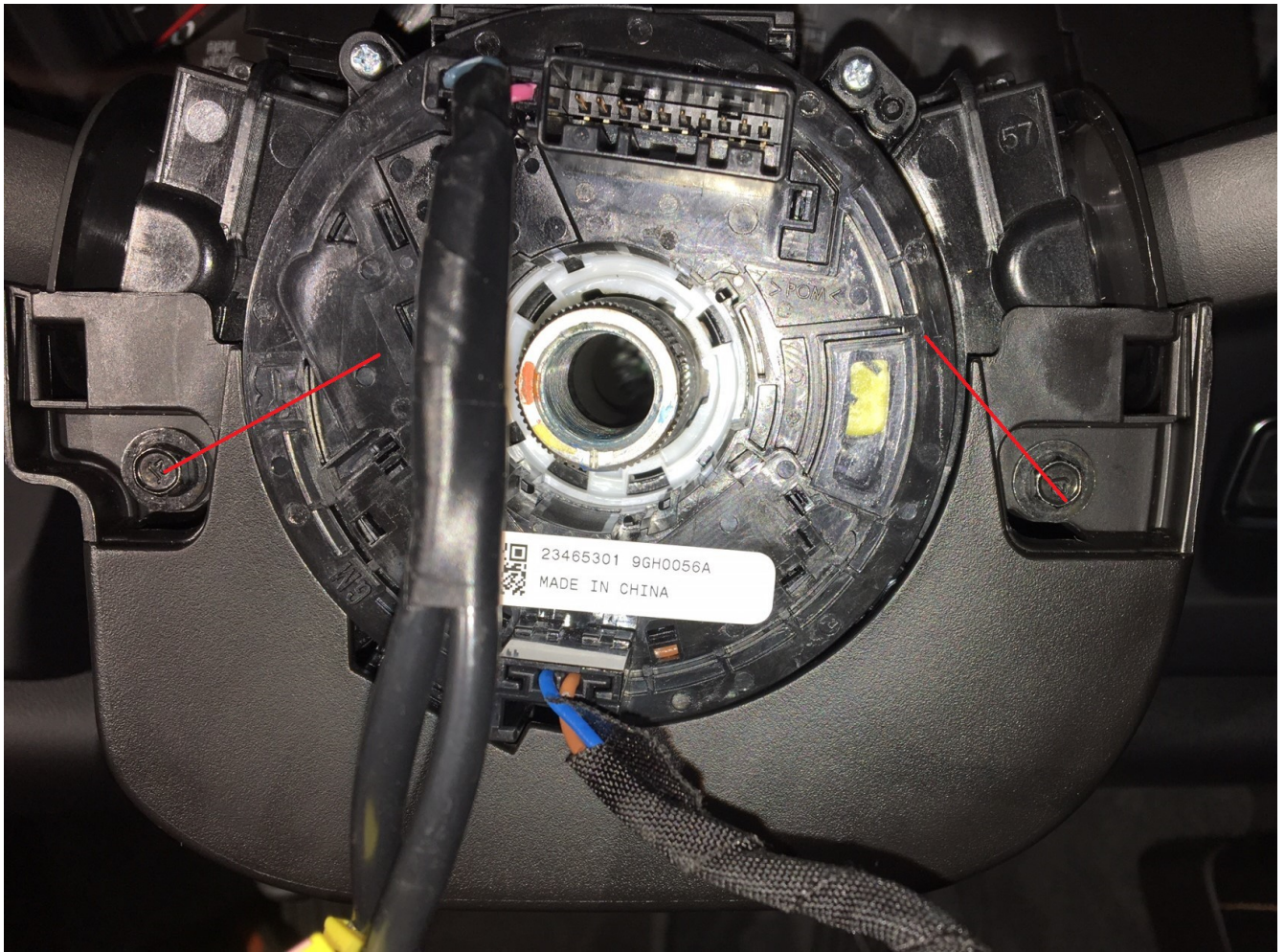
Disconnect the 10 pin connector that goes to the clock spring. The 4 wire connector does not come off as it is part of the clock spring.



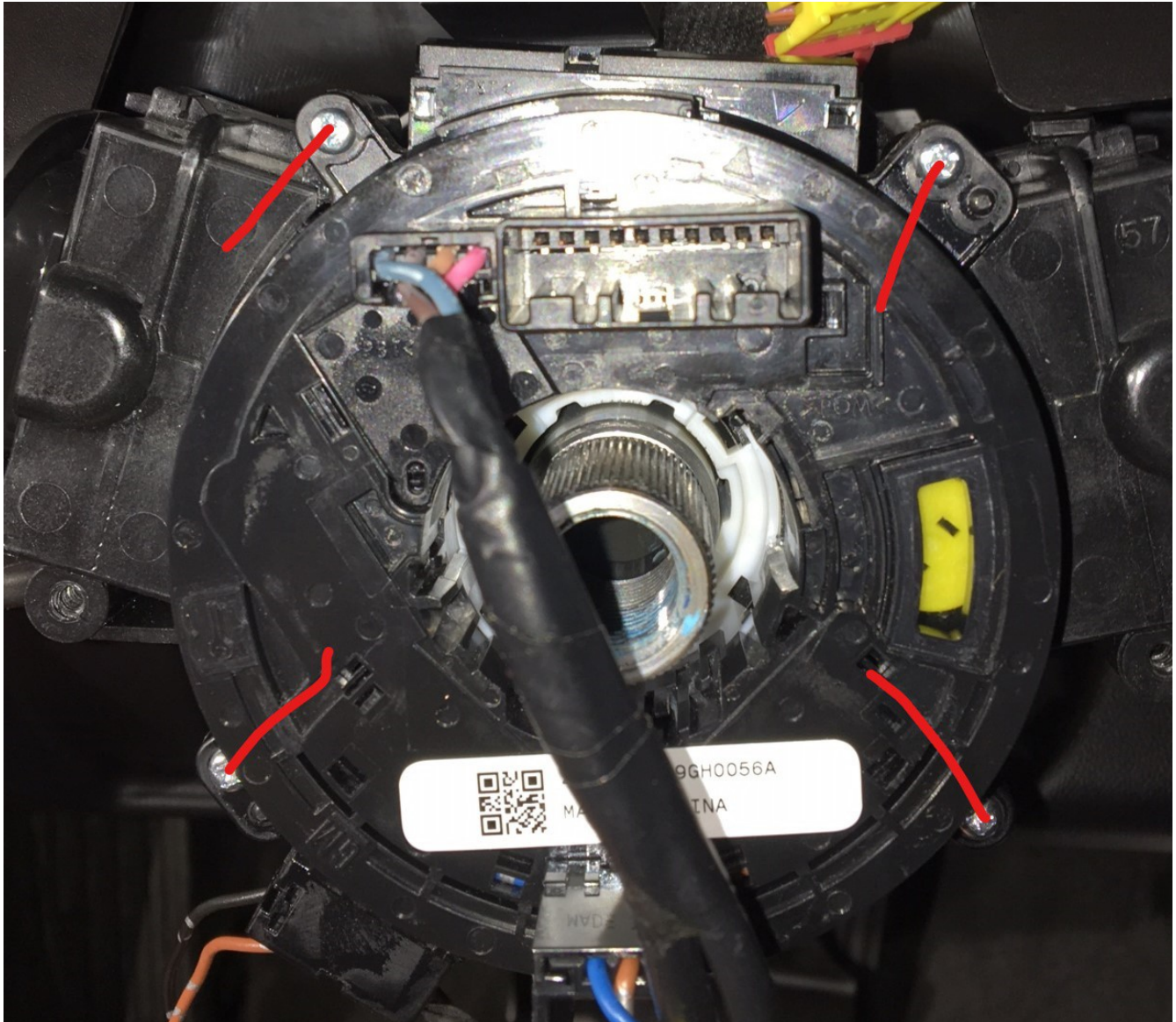
Make sure the steering wheel is straight and that the front wheels are pointing straight before you remove the wheel. Remove the torx bit bolt, this bolt is usually very tight. Once the bolt is removed you can pull the steering wheel off.

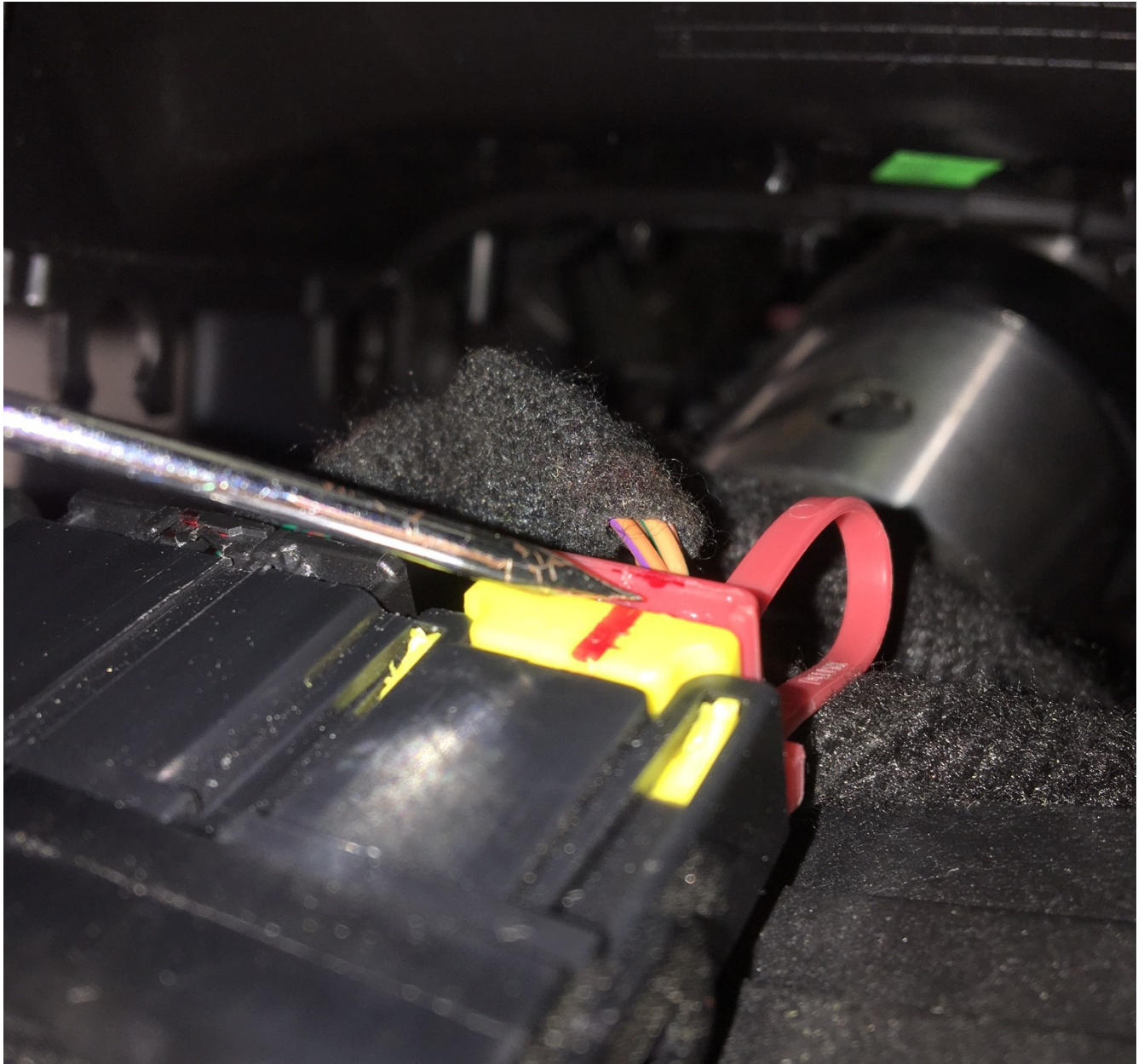
Step 4 : Remove column trim. Detach the top half by gently prying it loose and lifting the upper trim up and away. There are 3 screws holding the lower cover to the column. One is on the bottom and the other 2 are on the sides.



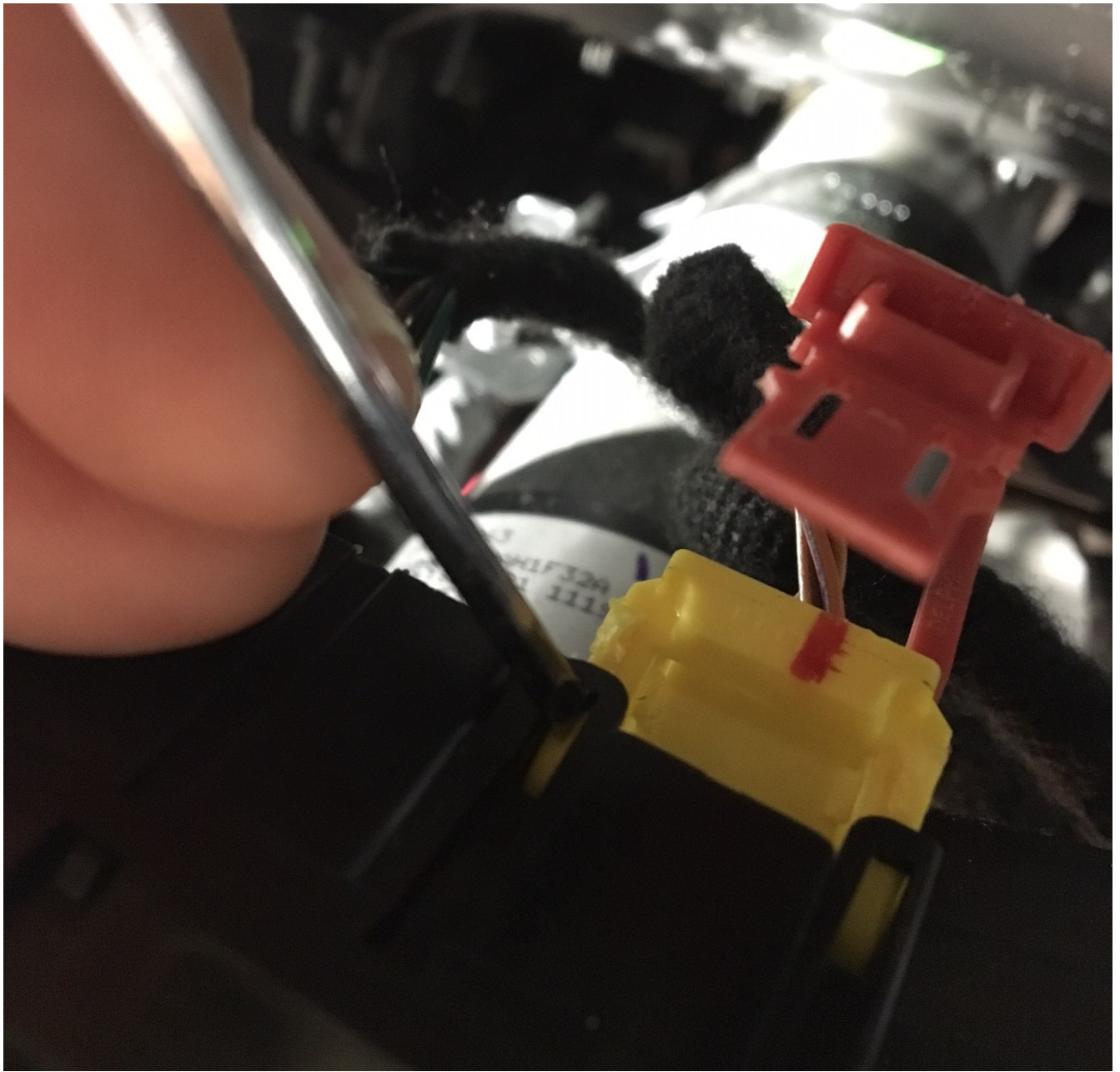


Step 5: Remove the clock spring by removing the 4 phillips screws and disconnecting the 2 harnesses on the rear of it and 1 harness on the bottom. You will have to remove the safety lock from the airbag connector to remove it.

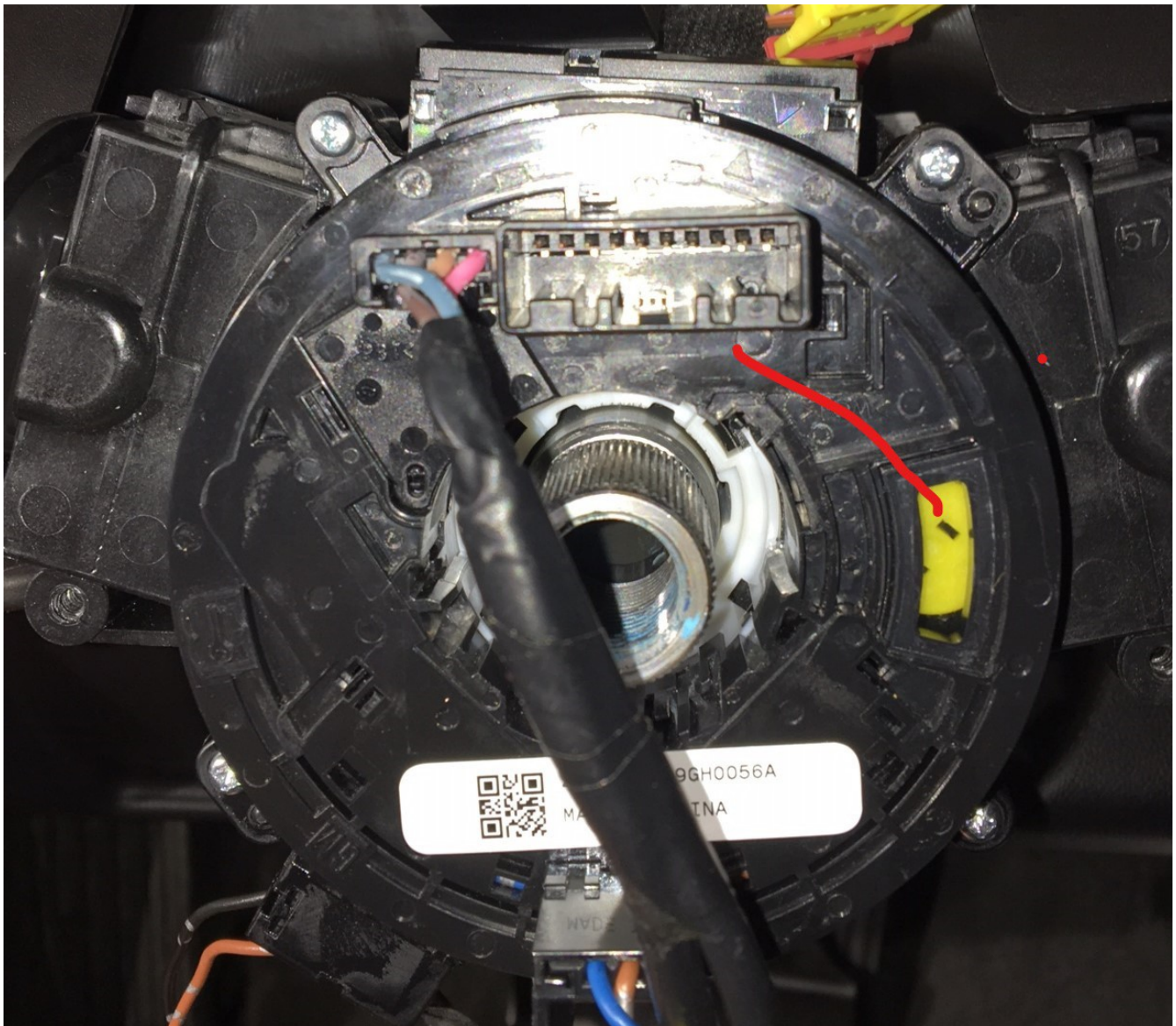








Step 6: Swap the column lock actuator from the old clock spring to the new one. Please keep in mind that the clock spring cannot be turned more than 2 turns in either direction. There is a window on the clock spring that shows yellow when the clock spring is centered



While using 2 screwdriver's, gently pry up while you depress the tabs on the clock spring. When released the actuator can be removed. Screws do not get removed.



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12V811313923
T931600860080031



Once removed install actuator onto the new clock spring. See illustration for for proper alignment.



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Step 7: Install single lead wire into the clock spring 10 pin connector. Remove the safety lock from the connector. Once removed insert the wire into pin # 4. You will hear a click when it is fully seated. Push the safety lock back into place.

