

Your Ultimate Source for OEM Repair Manuals

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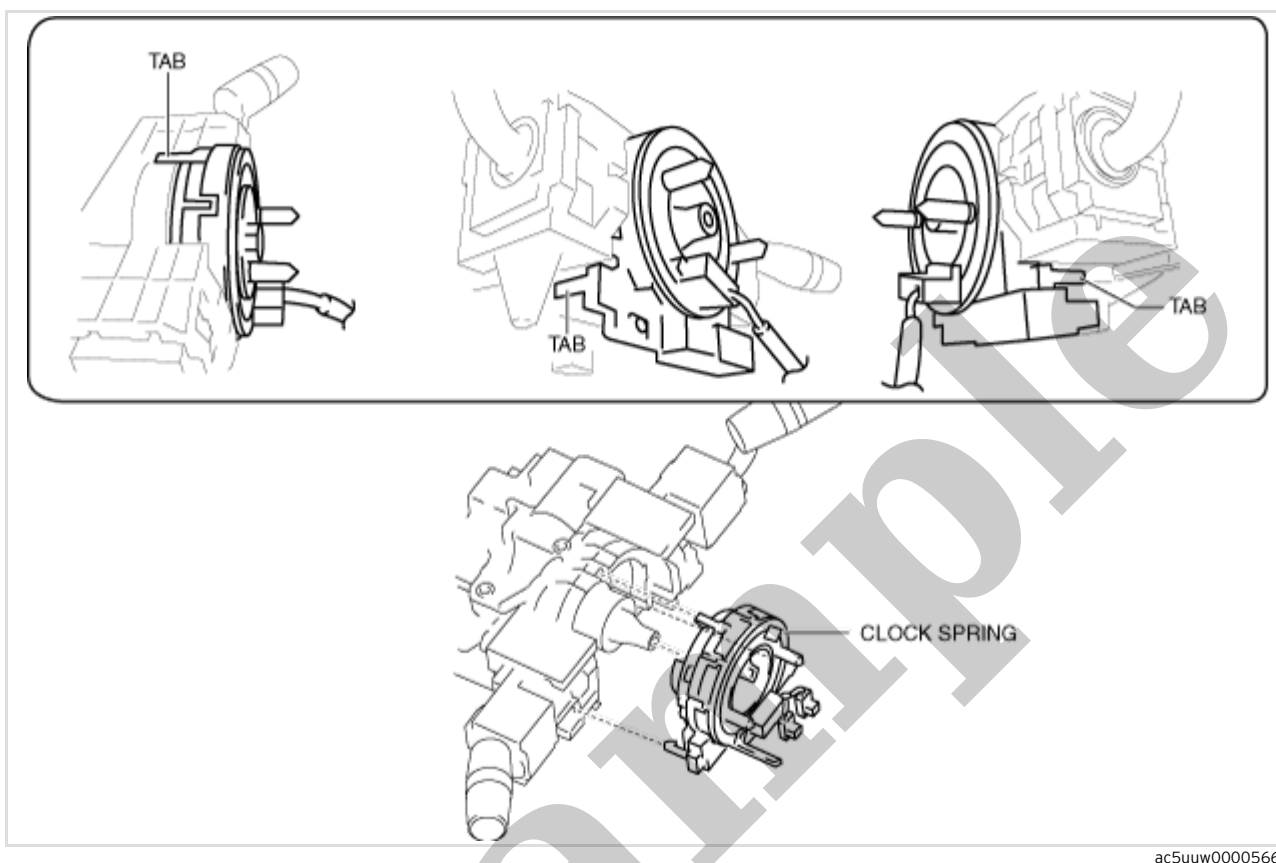
2015 MAZDA Flair OEM Service and Repair Workshop Manual

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6. Disconnect the clock spring connector C. (with heated steering wheel system)

7. Disconnect the steering angle sensor connector. (with steering angle sensor)

8. Remove the tabs as shown in the figure and remove the clock spring.



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9. Install in the reverse order of removal. (See [Clock Spring Installation Note](#).)

10. Switch the ignition ON (engine off or on).

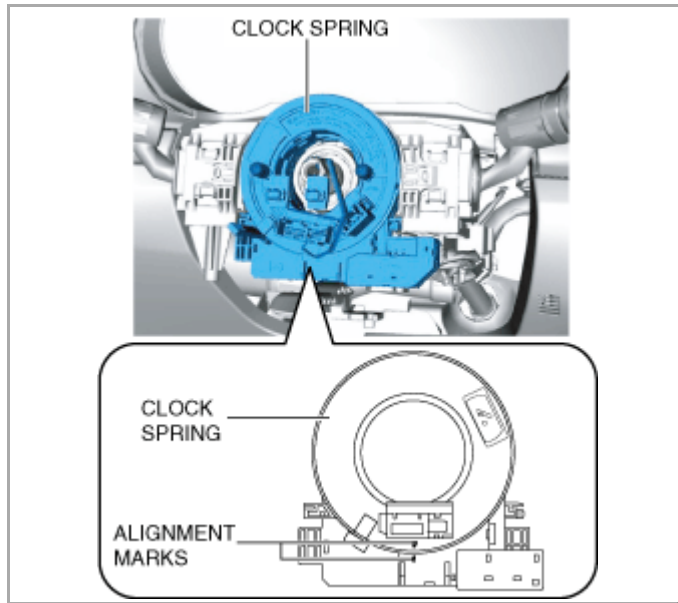
11. Verify that the air bag/seat belt pre-tensioner system warning light illuminates for approx. 6 s and turns off.

- If the air bag/seat belt pre-tensioner system warning light does not operate normally, refer to the on-board diagnostic system (air bag system) and perform inspection of the system. (See [FLOWCHART \[SAS CONTROL MODULE \(TWO-STEP DEPLOYMENT CONTROL SYSTEM - US/CANADA/ISRAEL SPEC.\)\]](#).)

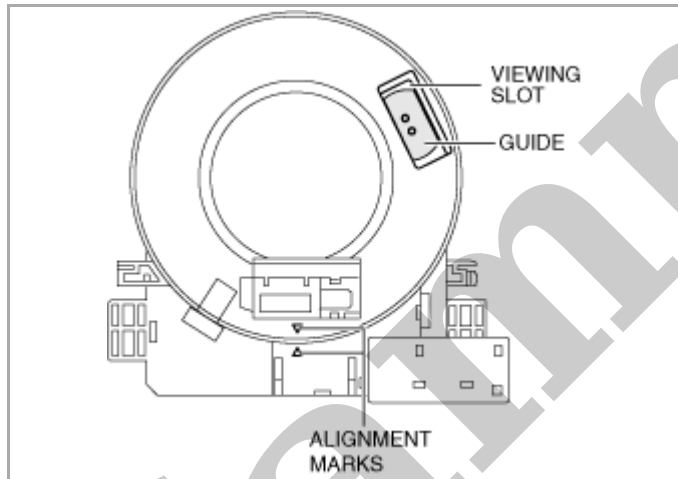
Clock Spring Connector A Disconnect Note

1. Pull out the clock spring connector A lock lever in the direction of arrow (1) shown in the figure.

4.Align the mark on the clock spring with the mark on the outer housing.



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Note

- After adjusting the alignment marks, the guides can be verified in the viewing slots shown in the figure.

Test condition	Terminal																							
	2A	2B	2C	2D	1A	1B	1C	1E	1G	1I	1J	1K	1M	1N	6A	6B	7A	7B	3N	3M	3L	3J	3H	3F
Under any condition	○	○													○	○								
			○	○													○	○						
					○														○					
						○														○				
							○														○			
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										○														○
											○													
												○												
													○											

○—○ : Continuity

Test condition	Terminal							
	4A	4B	4C	4D	5A	5B	5C	5D
Under any condition	○				○			
		○				○		
			○				○	
				○				○

- Disassembling the occupant classification sensor, or tightening any of the nuts and bolts installed to the sensor body may cause it to operate (deploy) improperly. Never disassemble the occupant classification sensor or tighten any of the nuts or bolts installed to the body of the sensor.

Air Bag Module, Pre-tensioner Seat Belt, Lap re-tensioner Seat Belt Reuse

- Even if an air bag module, pre-tensioner seat belt or a lap pre-tensioner seat belt does not operate (deploy) in a collision and does not have any external signs of damage, it may have been damaged internally, which may cause improper operation. Before reusing a live (undeployed) air bag module, pre-tensioner seat belt or a lap pre-tensioner seat belt, always use the on-board diagnostic to diagnose the air bag module, pre-tensioner seat belt or a lap pre-tensioner seat belt to verify that they have no malfunction.

Air Bag Wiring Harness Repair

- Incorrectly repairing an air bag wiring harness can accidentally operate (deploy) the air bag modules, pre-tensioner seat belts or a lap pre-tensioner seat belts. If a problem is found in the air bag wiring harness, always replace the wiring harness with a new one.



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OCCUPANT CLASSIFICATION SENSOR REMOVAL/INSTALLATION [TWO-STEP DEPLOYMENT CONTROL SYSTEM - US/CANADA/ISRAEL SPEC.]

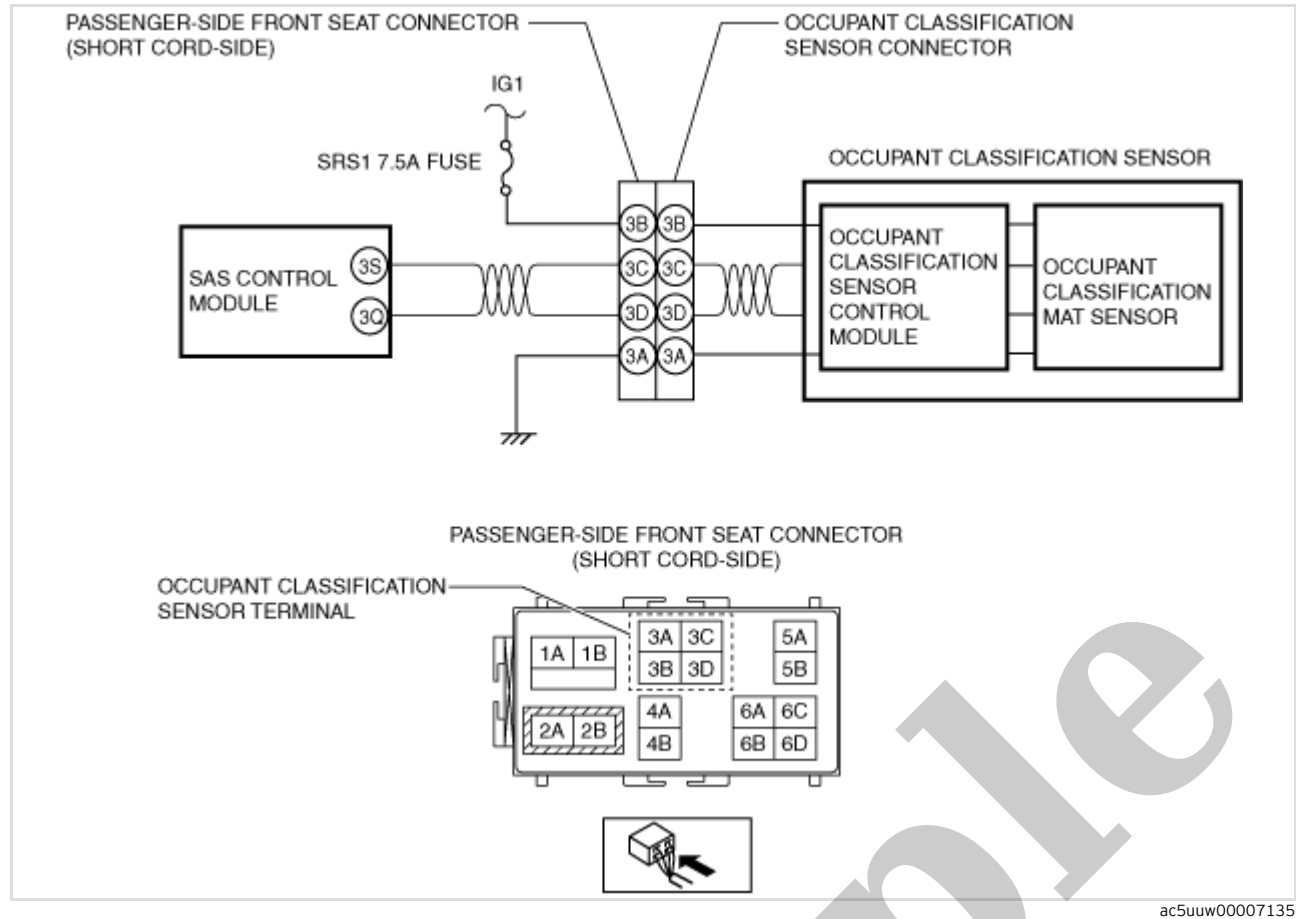
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Note

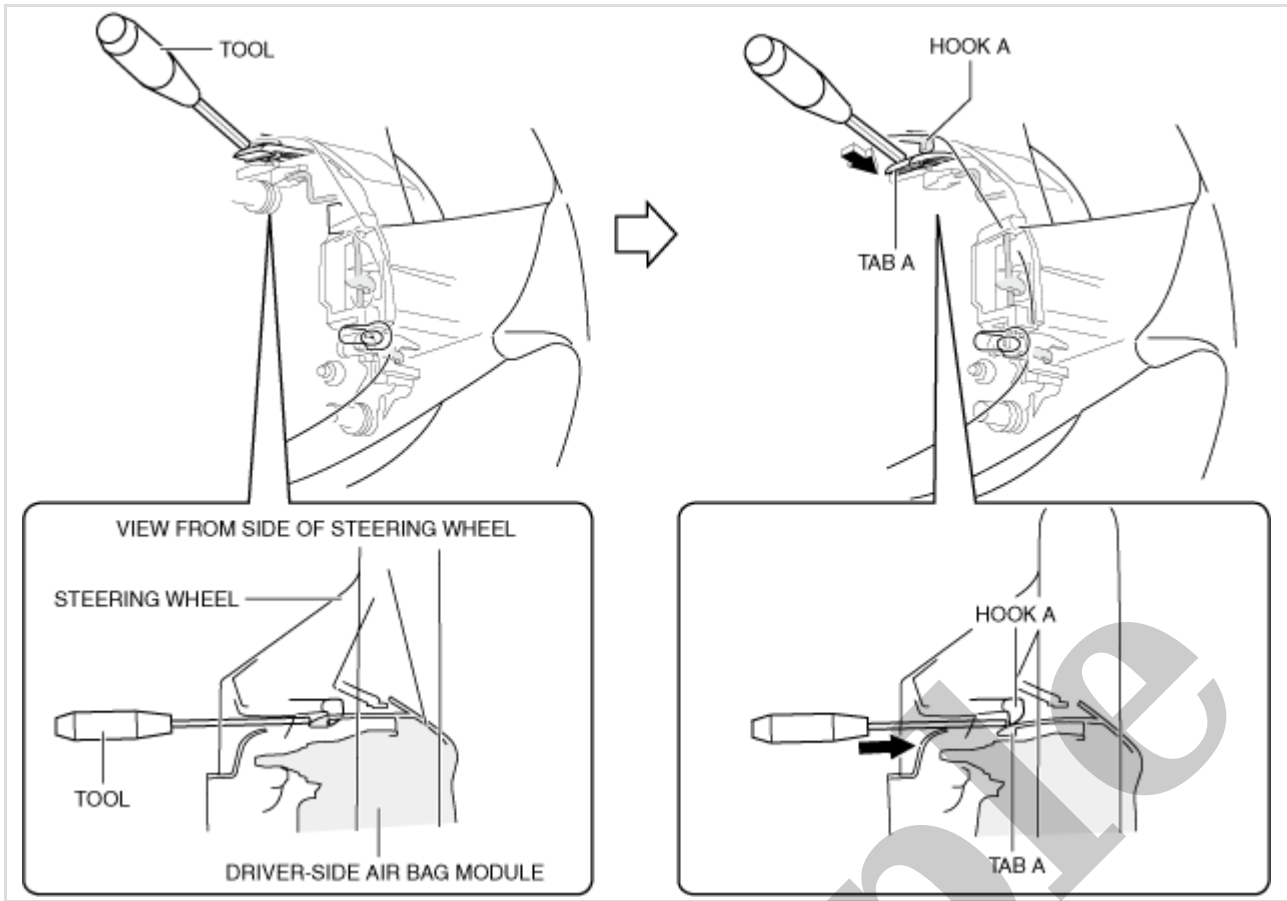
- For the occupant classification sensor removal/installation, refer to "FRONT SEAT CUSHION TRIM REMOVAL/INSTALLATION" because the occupant classification sensor is installed to the passenger seat cushion. (See **FRONT SEAT CUSHION TRIM REMOVAL/INSTALLATION**.)

Sample



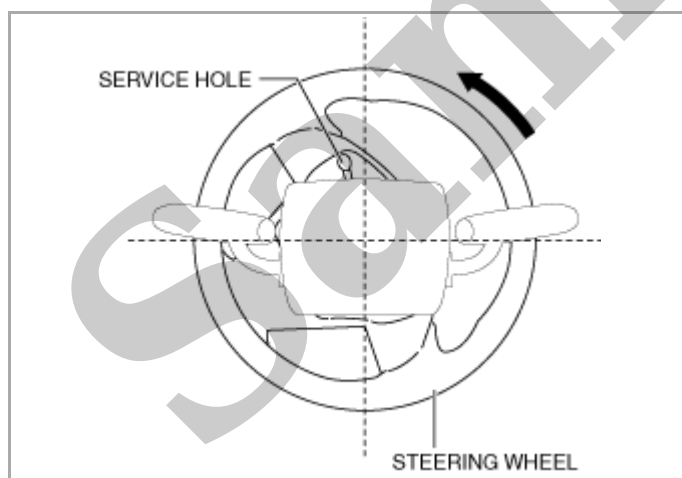
Terminal Voltage Table (Reference)

Terminal	Signal	Connected to	Measurement conditions	Voltage (V)	Inspection item(s)
3A	Ground	Body ground	Under any condition	1.0 or less	Body ground
3B	IG1	SRS1 7.5 A fuse	Ignition switched ON (engine off) Ignition switched OFF (LOCK)	B+ 1.0 or less	SRS1 7.5 A fuse
3C	HS-CAN_L	SAS control module	Terminal used for communication therefore determination based on terminal voltage is not possible.		
3D	HS-CAN_H	SAS control module	Terminal used for communication therefore determination based on terminal voltage is not possible.		



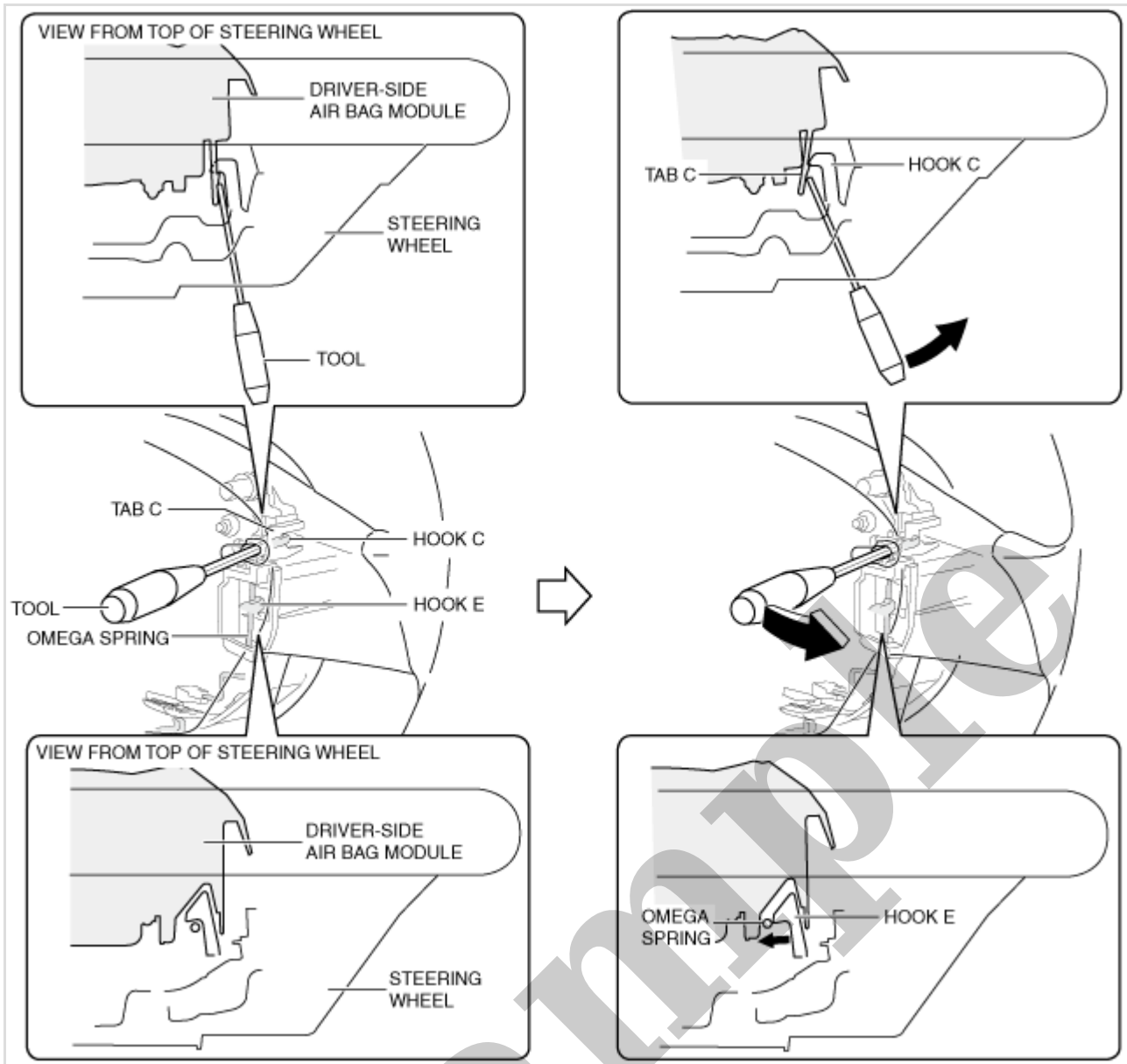
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8. Rotate the steering wheel until the service hole can be seen from behind the steering wheel.



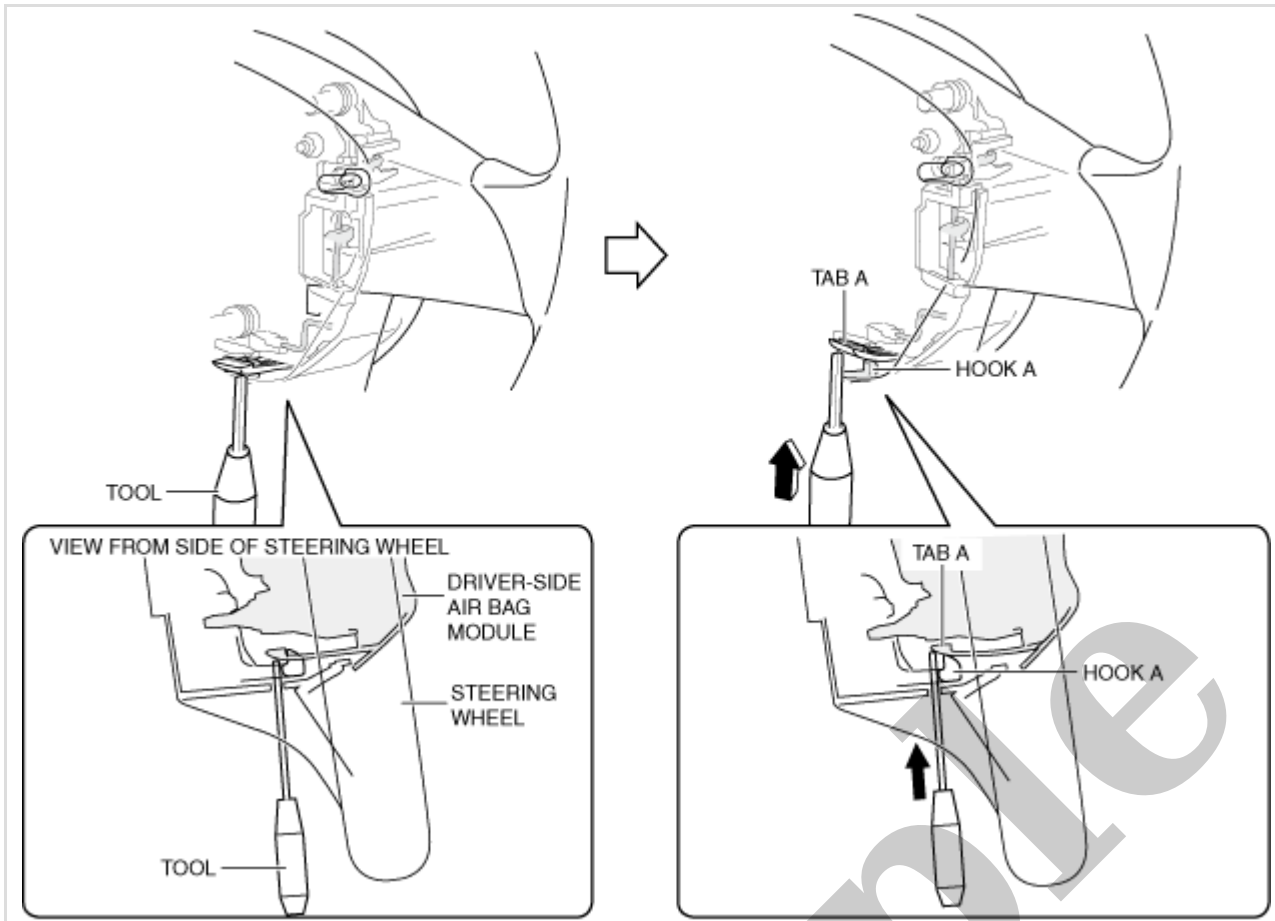
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9. Insert the tool in to the service hole.



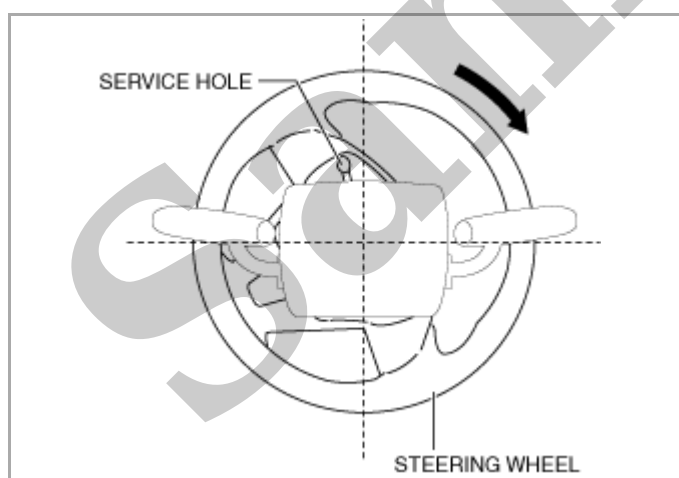
14. Remove the air bag module from the steering wheel.

15. Using a flathead screwdriver, lift the locking device carefully, however do not remove it.



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8. Rotate the steering wheel until the service hole can be seen from behind the steering wheel.



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9. Insert the tool in to the service hole.