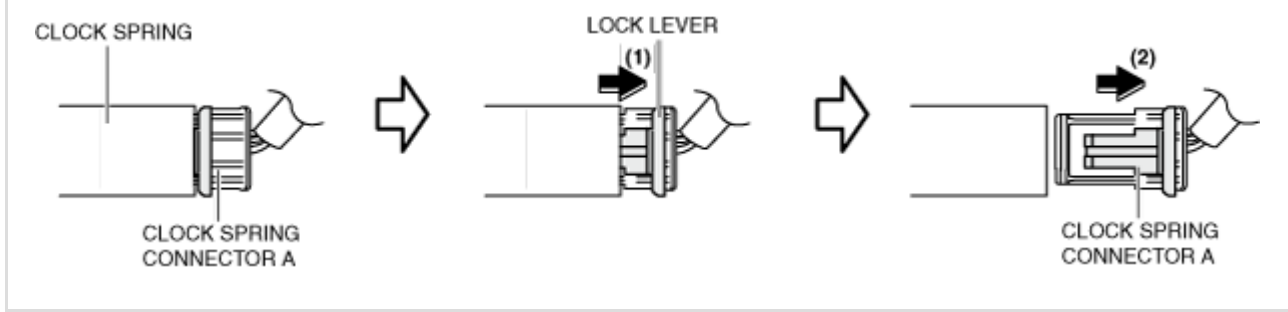


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2015 Mazda MX-5 Miata Service and Repair Manual

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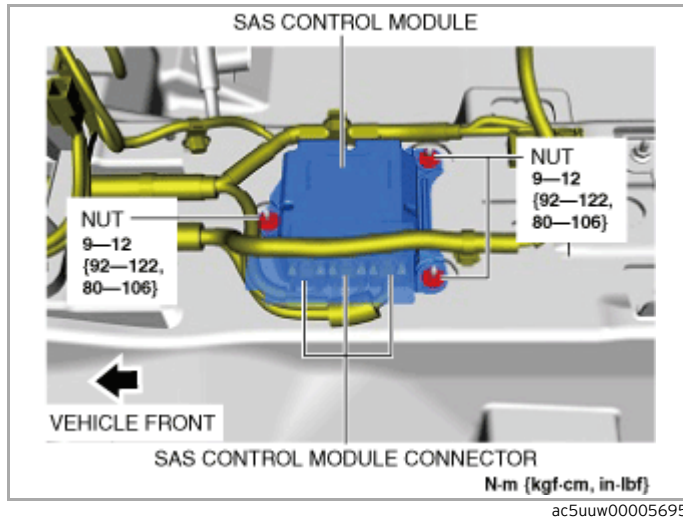
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2. Move the clock spring connector A in the direction of arrow (2) shown in the figure to disconnect it.

Clock Spring Installation Note

Caution

- If the clock spring is not adjusted, the spring wire in the clock spring will break due to overtension when the steering wheel is turned. Always adjust the clock spring after installing it.
- Adjust the clock spring after installing it. (See [CLOCK SPRING ADJUSTMENT \[STANDARD DEPLOYMENT CONTROL SYSTEM - MEXICO SPEC.\]](#).)



10. Remove the nuts.

11. Remove the SAS control module.

12. Install in the reverse order of removal.

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

14. 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 \(STANDARD DEPLOYMENT CONTROL SYSTEM - MEXICO SPEC.\)\]](#).)

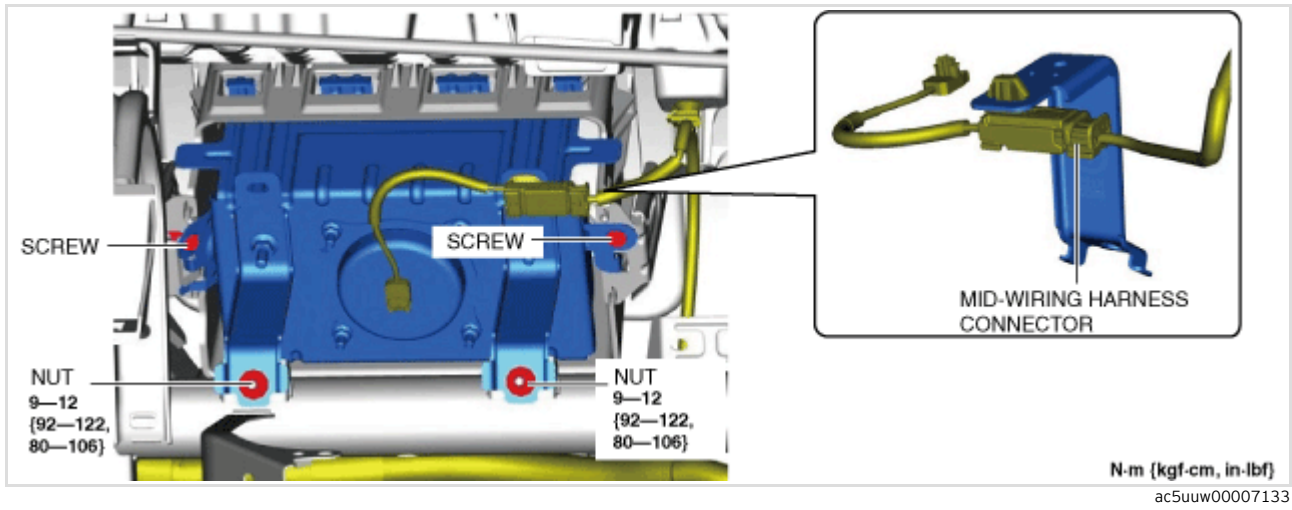
15. Perform the DSC sensor initialization (when removing/installing SAS control module). (See [DSC RELATED PARTS SENSOR INITIALIZATION PROCEDURE](#).)

16. Perform the MRCC initialization (when removing/installing SAS control module). (With MRCC) (See [MRCC INITIALIZATION SETTING](#).)

17. If the SAS control module is replaced, perform the following procedure.

- Park the vehicle on level ground, and then switch the ignition ON (engine off or on) and wait 5 s or more with the vehicle in an unloaded condition.
- Switch the ignition ON (engine on) and move the vehicle forward a few meters.
- After switching the ignition off, switch the ignition ON (engine off or on) again.
- Clear the DTC for the forward sensing camera (FSC) using the M-MDS. (See [CLEARING DTC \[FORWARD SENSING CAMERA \(FSC\)\]](#).)

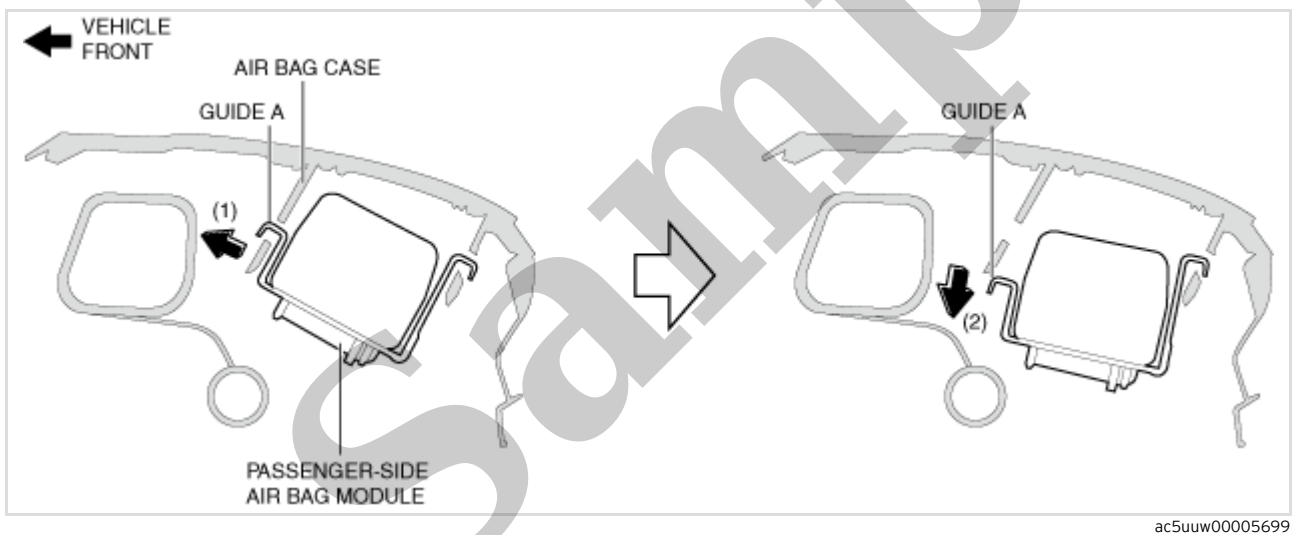
Note



7.Remove the screws.

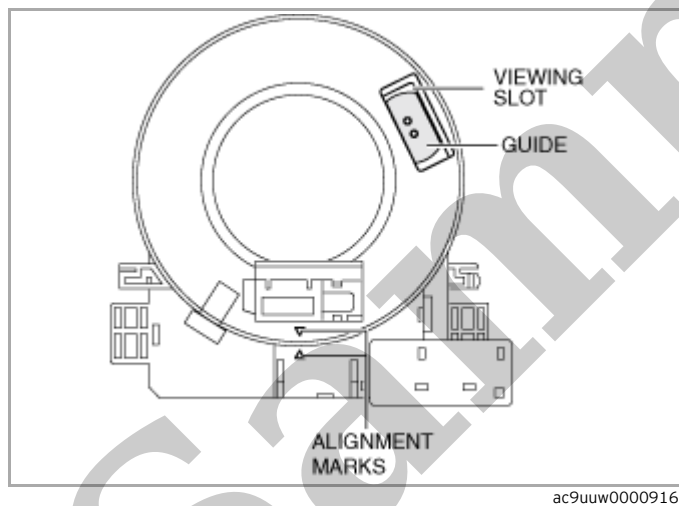
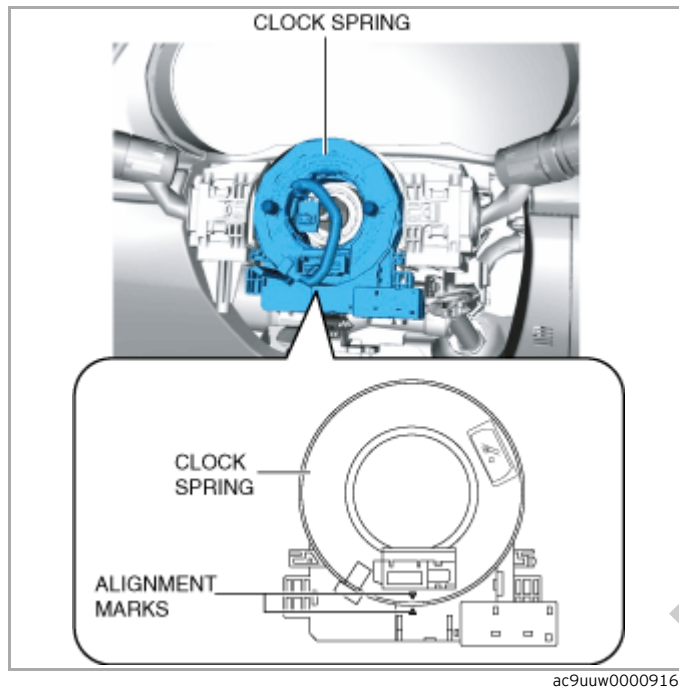
8.Remove the nuts.

9.Move the passenger-side air bag module in the direction of arrow (2) shown in the figure and detach guides A from the air bag case while spreading the air bag case in the direction of arrow (1).



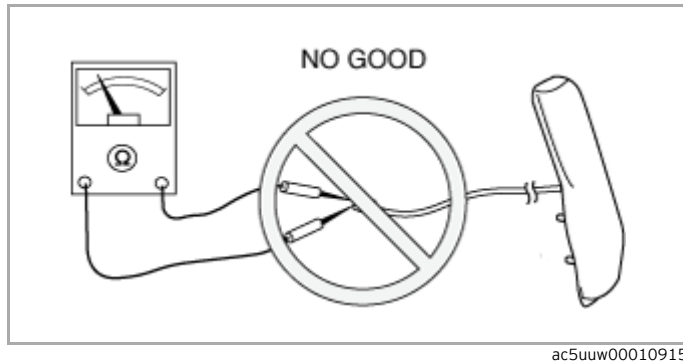
10.Move the passenger-side air bag module in the direction of the arrow (3), (4) and detach guides B from the air bag case.

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



Note

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



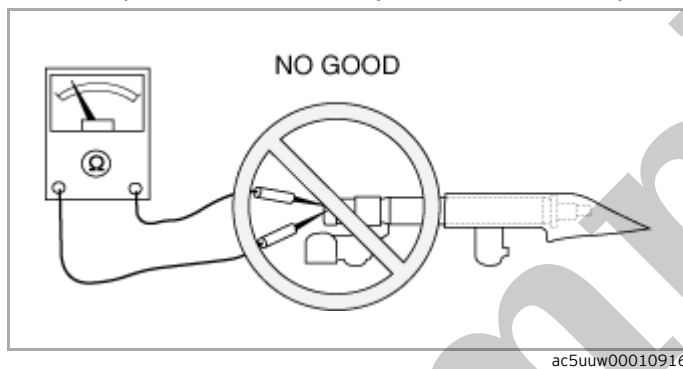
Curtain Air Bag Module

Handling

- Before removing the curtain air bag module or disconnecting the curtain air bag module connector, always switch the ignition off, disconnect the negative battery cable, and then wait for 1 min or more to allow the backup power supply of the SAS control module to deplete its stored power.

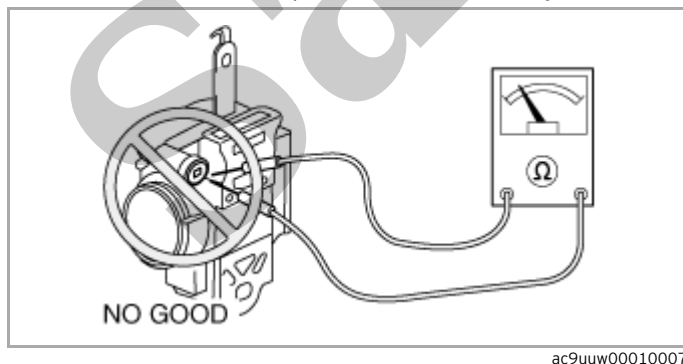
Inspection

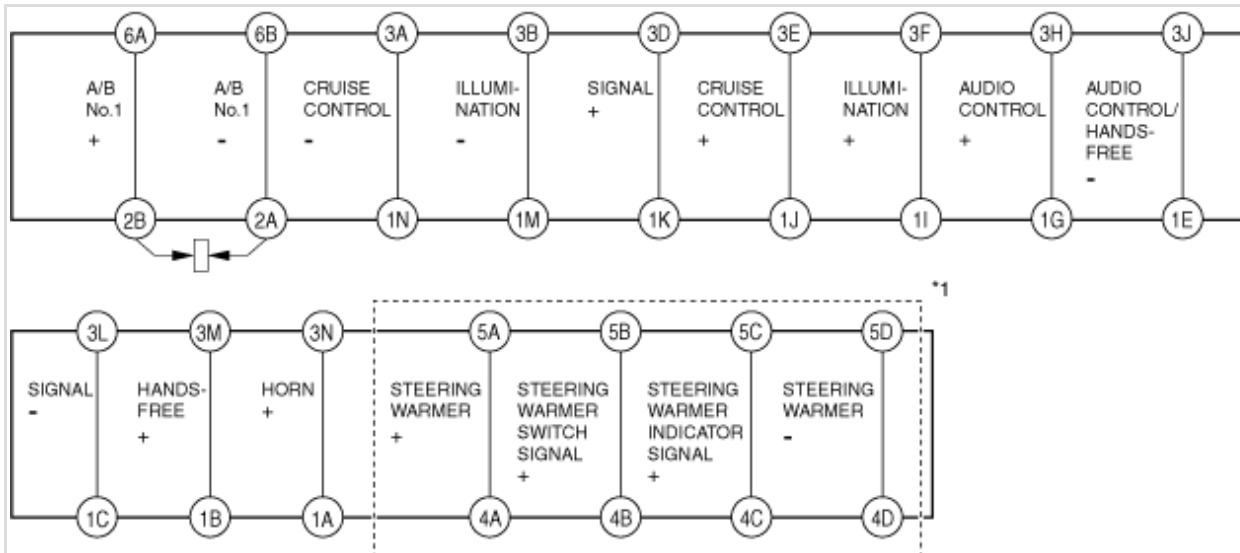
- Inspecting an air bag module using a tester can operate (deploy) the air bag module, which may cause serious injury. Do not use a tester to inspect an air bag module. Always use the on-board diagnostic function to diagnose the air bag module for malfunctions.



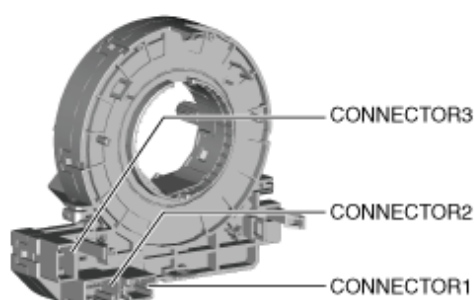
Pre-tensioner Seat Belt Inspection

- Inspecting a pre-tensioner seat belt using a tester can operate (deploy) the pre-tensioner seat belt, which may cause serious injury. Do not use a tester to inspect a pre-tensioner seat belt. Always use the on-board diagnostic function to diagnose the pre-tensioner seat belt for malfunctions.





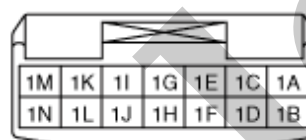
*1 : WITH STEERING WARMER



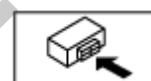
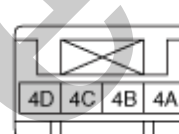
CONNECTOR1



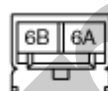
CONNECTOR2



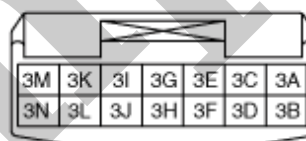
CONNECTOR3



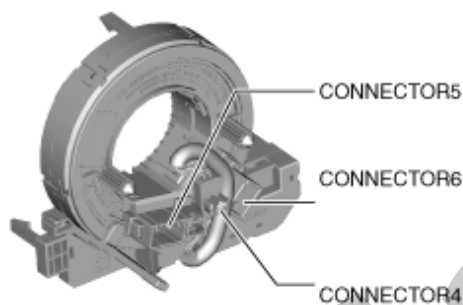
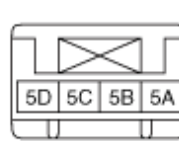
CONNECTOR4



CONNECTOR5



CONNECTOR6



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SIDE AIR BAG SENSOR REMOVAL/INSTALLATION [STANDARD DEPLOYMENT CONTROL SYSTEM - MEXICO SPEC.]

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Warning

- Handling the side air bag sensor improperly can accidentally operate (deploy) the air bag module, which may seriously injure you. Read the air bag system service warnings and cautions before handling the side air bag sensor. (See **AIR BAG SYSTEM SERVICE WARNINGS [STANDARD DEPLOYMENT CONTROL SYSTEM - MEXICO SPEC.]**.) (See **AIR BAG SYSTEM SERVICE CAUTIONS [STANDARD DEPLOYMENT CONTROL SYSTEM - MEXICO SPEC.]**.)

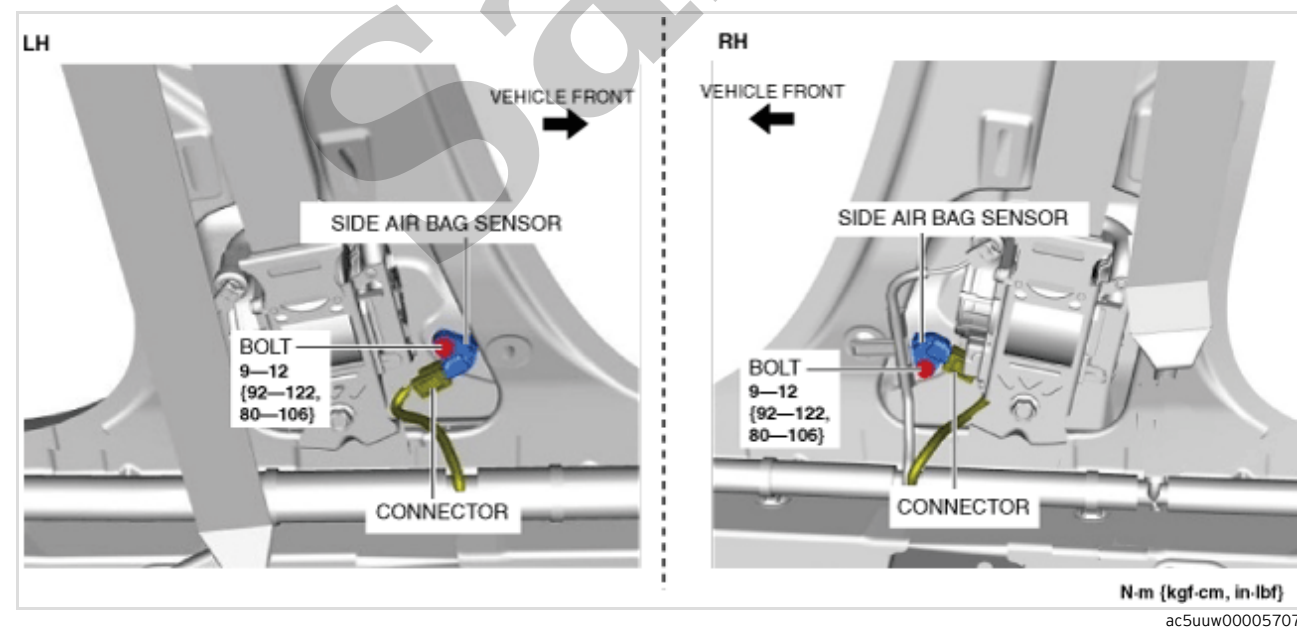
1.Switch the ignition off.

2.Disconnect the negative battery terminal and wait for 1 min or more. (See **NEGATIVE BATTERY TERMINAL DISCONNECTION/CONNECTION.**)

3.Remove the following parts:

- (1)Front scuff plate (See **FRONT SCUFF PLATE REMOVAL/INSTALLATION.**)
- (2)Rear scuff plate (See **REAR SCUFF PLATE REMOVAL/INSTALLATION.**)
- (3)B-pillar lower trim (See **B-PILLAR LOWER TRIM REMOVAL/INSTALLATION.**)

4.Remove the bolt.

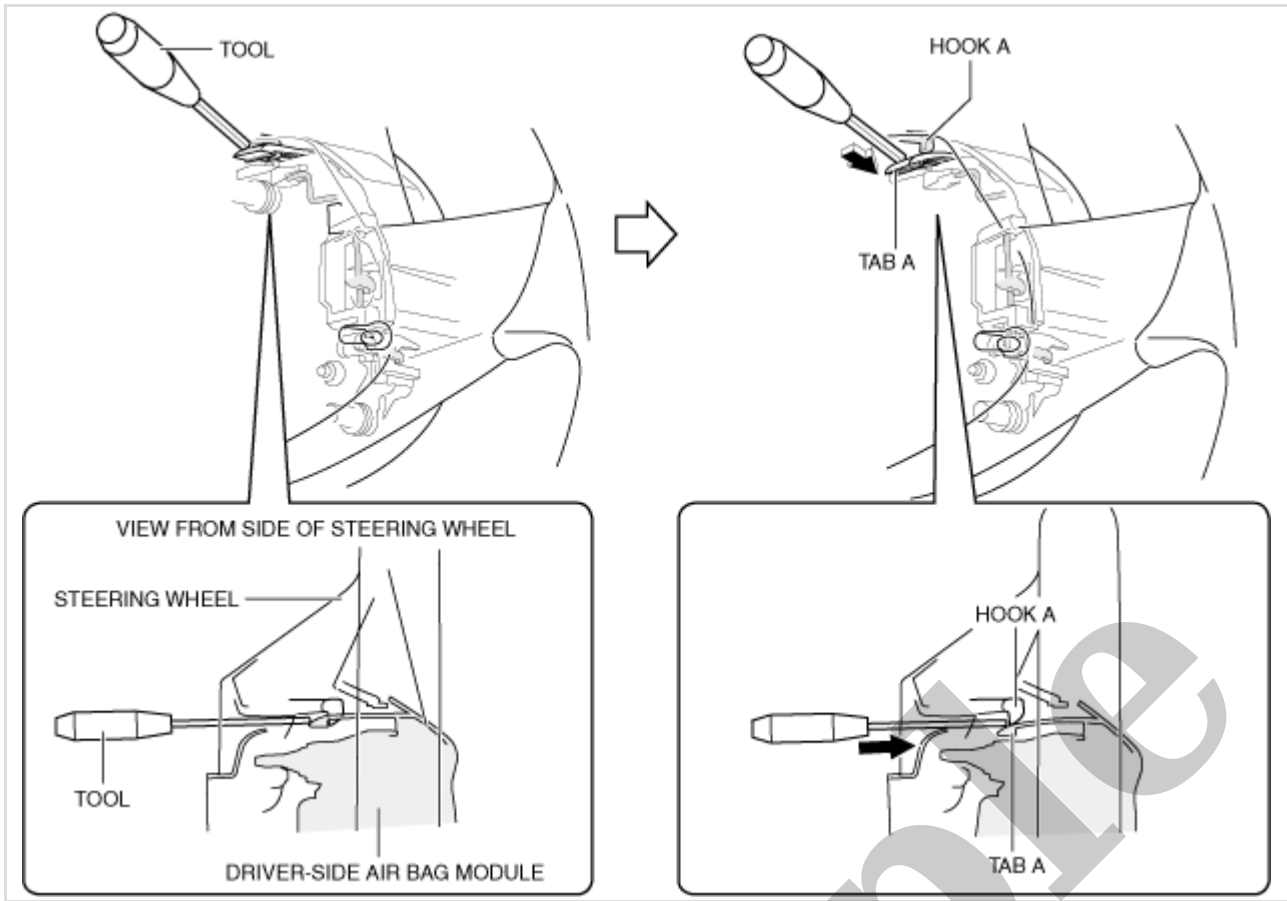


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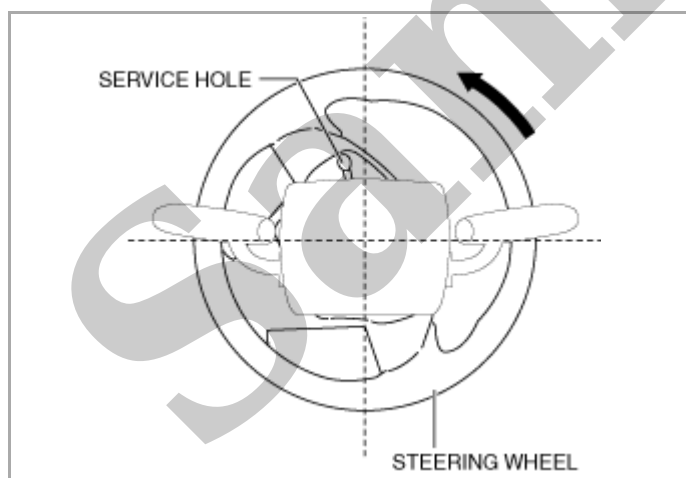
5.Disconnect the connector.

6.Remove the side air bag sensor.

3	Driver-side air bag module (See DRIVER-SIDE AIR BAG MODULE REMOVAL [STANDARD DEPLOYMENT CONTROL SYSTEM - MEXICO SPEC.] .) (See DRIVER-SIDE AIR BAG MODULE INSTALLATION [STANDARD DEPLOYMENT CONTROL SYSTEM - MEXICO SPEC.] .) (See AIR BAG MODULE AND PRE-TENSIONER SEAT BELT DEPLOYMENT PROCEDURES [STANDARD DEPLOYMENT CONTROL SYSTEM - MEXICO SPEC.] .)
4	Clock spring (See CLOCK SPRING REMOVAL/INSTALLATION [STANDARD DEPLOYMENT CONTROL SYSTEM - MEXICO SPEC.] .) (See CLOCK SPRING ADJUSTMENT [STANDARD DEPLOYMENT CONTROL SYSTEM - MEXICO SPEC.] .) (See CLOCK SPRING INSPECTION [STANDARD DEPLOYMENT CONTROL SYSTEM - MEXICO SPEC.] .)
5	Passenger-side air bag module (See PASSENGER-SIDE AIR BAG MODULE REMOVAL/INSTALLATION [STANDARD DEPLOYMENT CONTROL SYSTEM - MEXICO SPEC.] .) (See AIR BAG MODULE AND PRE-TENSIONER SEAT BELT DEPLOYMENT PROCEDURES [STANDARD DEPLOYMENT CONTROL SYSTEM - MEXICO SPEC.] .)
6	Side air bag sensor (See SIDE AIR BAG SENSOR REMOVAL/INSTALLATION [STANDARD DEPLOYMENT CONTROL SYSTEM - MEXICO SPEC.] .)
7	Crash zone sensor (See CRASH ZONE SENSOR REMOVAL/INSTALLATION [STANDARD DEPLOYMENT CONTROL SYSTEM - MEXICO SPEC.] .)
8	Pre-tensioner seat belt (See FRONT SEAT BELT REMOVAL/INSTALLATION .) (See AIR BAG MODULE AND PRE-TENSIONER SEAT BELT DEPLOYMENT PROCEDURES [STANDARD DEPLOYMENT CONTROL SYSTEM - MEXICO SPEC.] .)
9	Side air bag module (See SIDE AIR BAG MODULE REMOVAL/INSTALLATION [STANDARD DEPLOYMENT CONTROL SYSTEM - MEXICO SPEC.] .) (See AIR BAG MODULE AND PRE-TENSIONER SEAT BELT DEPLOYMENT PROCEDURES [STANDARD DEPLOYMENT CONTROL SYSTEM - MEXICO SPEC.] .)



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



9. Insert the tool in to the service hole.