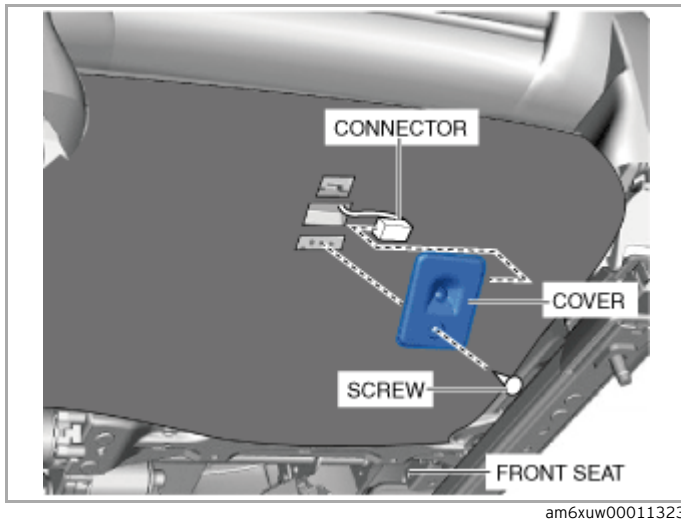


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## 2018 Mazda MX-5 Miata Service and Repair Manual

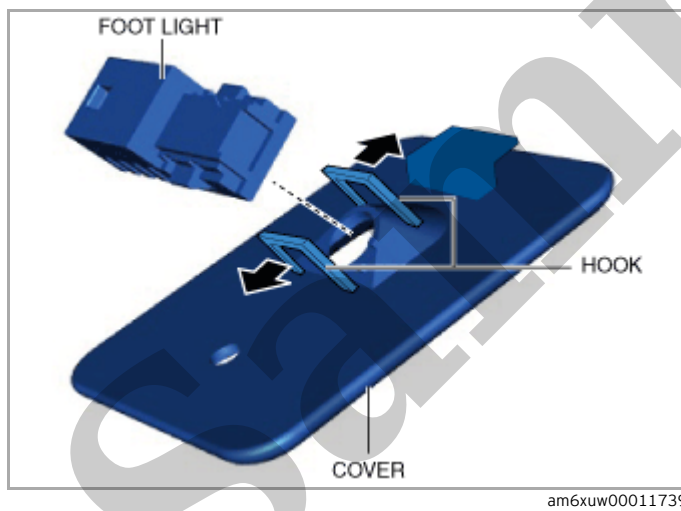
[Go to manual page](#)



4.Remove the cover.

5.Disconnect the connector.

6.While pressing hooks in the direction of arrow shown in the figure and remove the foot light from the cover.



7.Install in the reverse order of removal.

# REAR MAP LIGHT REMOVAL/INSTALLATION

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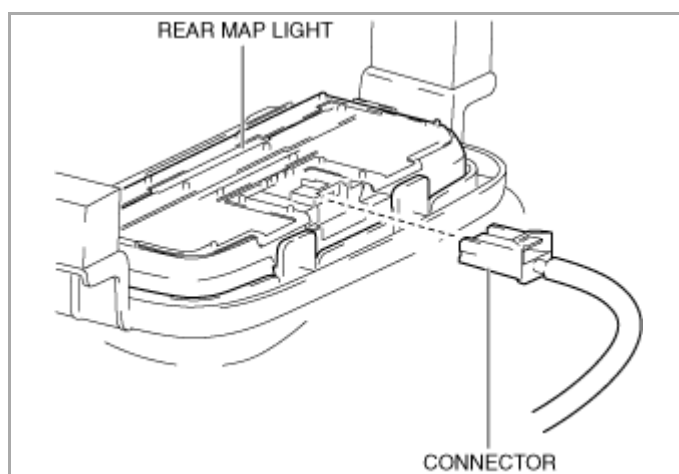
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1. Disconnect the negative battery terminal. (See [NEGATIVE BATTERY TERMINAL DISCONNECTION/CONNECTION.](#))

2. Remove the following parts.

1. Sunroof seaming welt (with sunroof system) (See [SUNROOF UNIT REMOVAL/INSTALLATION.](#))
2. A-pillar trim (See [A-PILLAR TRIM REMOVAL/INSTALLATION.](#))
3. Front map light (See [FRONT MAP LIGHT REMOVAL/INSTALLATION.](#))
4. Sunvisor (See [SUNVISOR REMOVAL/INSTALLATION.](#))
5. Lower decoration panel (with center display) (See [DECORATION PANEL REMOVAL/INSTALLATION.](#))
6. Front scuff plate (See [FRONT SCUFF PLATE REMOVAL/INSTALLATION.](#))
7. Passenger-side front side trim (with center display) (See [FRONT SIDE TRIM REMOVAL/INSTALLATION.](#))
8. Glove compartment (with center display) (See [GLOVE COMPARTMENT REMOVAL/INSTALLATION.](#))
9. Dashboard under cover (with center display) (See [DASHBOARD UNDER COVER REMOVAL/INSTALLATION.](#))
10. Passenger-side lower panel (with center display) (See [LOWER PANEL REMOVAL/INSTALLATION.](#))
11. Assist handle (See [ASSIST HANDLE REMOVAL/INSTALLATION.](#))
12. Rear scuff plate (See [REAR SCUFF PLATE REMOVAL/INSTALLATION.](#))
13. B-pillar lower trim (See [B-PILLAR LOWER TRIM REMOVAL/INSTALLATION.](#))
14. Adjust anchor cover on the front seat belt (See [FRONT SEAT BELT REMOVAL/INSTALLATION.](#))
15. Upper anchor installation bolt on the front seat belt (See [FRONT SEAT BELT REMOVAL/INSTALLATION.](#))
16. B-pillar upper trim (See [B-PILLAR UPPER TRIM REMOVAL/INSTALLATION.](#))
17. Rear seat cushion (See [REAR SEAT CUSHION REMOVAL/INSTALLATION.](#))
18. Trunk board (See [TRUNK BOARD REMOVAL/INSTALLATION.](#))
19. Bass-box (with Bose®) (See [BASS-BOX REMOVAL/INSTALLATION.](#))
20. Sub-trunk (See [SUB-TRUNK REMOVAL/INSTALLATION.](#))
21. Trunk end trim (See [TRUNK END TRIM REMOVAL/INSTALLATION.](#))
22. Trunk side trim (See [TRUNK SIDE TRIM REMOVAL/INSTALLATION.](#))
23. C-pillar trim (See [C-PILLAR TRIM REMOVAL/INSTALLATION.](#))
24. Headliner (See [HEADLINER REMOVAL/INSTALLATION.](#))

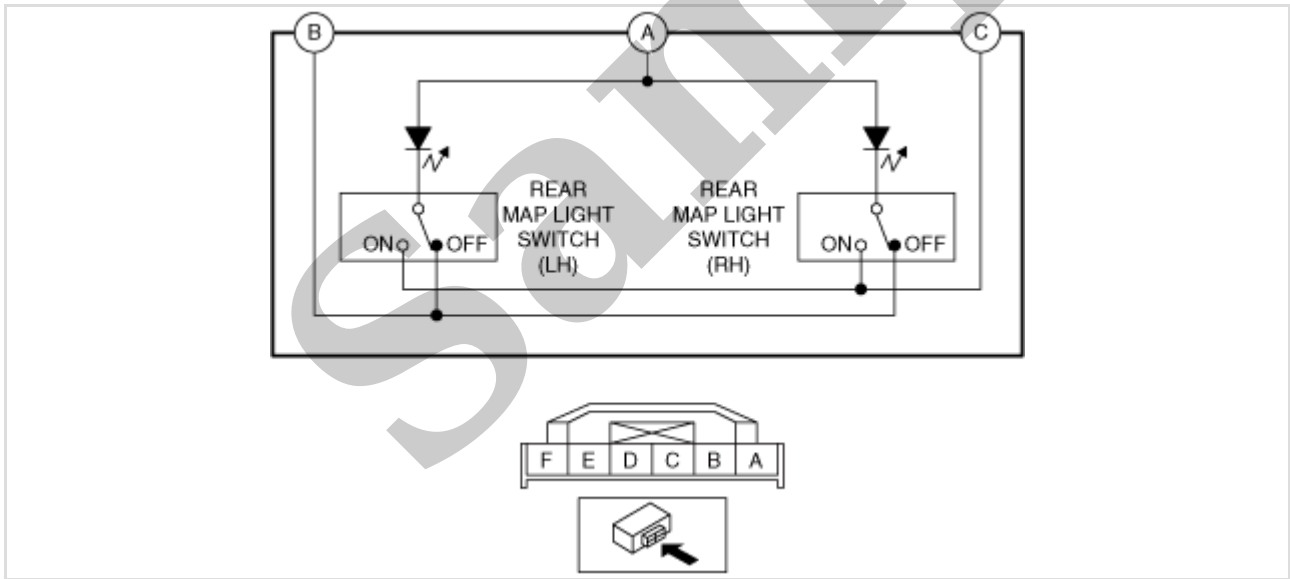
3. Disconnect the connector.



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- (10)Driver-side lower panel (See [LOWER PANEL REMOVAL/INSTALLATION.](#))
- (11)Assist handle (See [ASSIST HANDLE REMOVAL/INSTALLATION.](#))
- (12)Rear scuff plate (See [REAR SCUFF PLATE REMOVAL/INSTALLATION.](#))
- (13)B-pillar lower trim (See [B-PILLAR LOWER TRIM REMOVAL/INSTALLATION.](#))
- (14)Adjust anchor cover on the front seat belt (See [FRONT SEAT BELT REMOVAL/INSTALLATION.](#))
- (15)Upper anchor installation bolt on the front seat belt (See [FRONT SEAT BELT REMOVAL/INSTALLATION.](#))
- (16)B-pillar upper trim (See [B-PILLAR UPPER TRIM REMOVAL/INSTALLATION.](#))
- (17)Rear seat cushion (See [REAR SEAT CUSHION REMOVAL/INSTALLATION.](#))
- (18)Trunk board (See [TRUNK BOARD REMOVAL/INSTALLATION.](#))
- (19)Bass-box (with Bose®)(See [BASS-BOX REMOVAL/INSTALLATION.](#))
- (20)Sub-trunk (See [SUB-TRUNK REMOVAL/INSTALLATION.](#))
- (21)Trunk end trim (See [TRUNK END TRIM REMOVAL/INSTALLATION.](#))
- (22)Trunk side trim (See [TRUNK SIDE TRIM REMOVAL/INSTALLATION.](#))
- (23)C-pillar trim (See [C-PILLAR TRIM REMOVAL/INSTALLATION.](#))
- (24)Headliner (See [HEADLINER REMOVAL/INSTALLATION.](#))
- (25)Rear map light (See [REAR MAP LIGHT REMOVAL/INSTALLATION.](#))

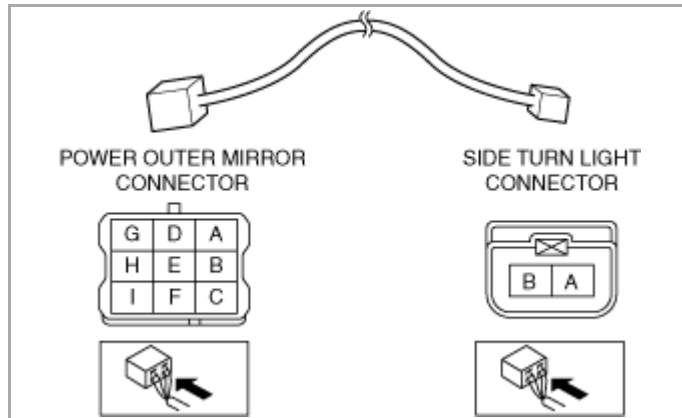
3.Verify that the continuity between the rear map light terminals is as indicated in the table.



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Switch position		Terminal		
Rear map light switch (LH)	Rear map light switch (RH)	A	B	C
ON	OFF	LED	LED	
OFF	ON	LED	LED	

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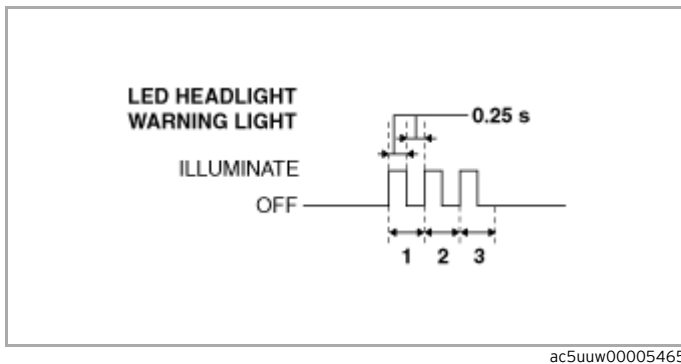
○—○: Continuity

Test condition	Power outer mirror terminal		Side turn light terminal	
	E	G	A	B
Under any condition	○—○		○—○	
		○—○		○—○

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- If not as indicated in the table, replace the power outer mirror. (See [POWER OUTER MIRROR REMOVAL/INSTALLATION.](#))

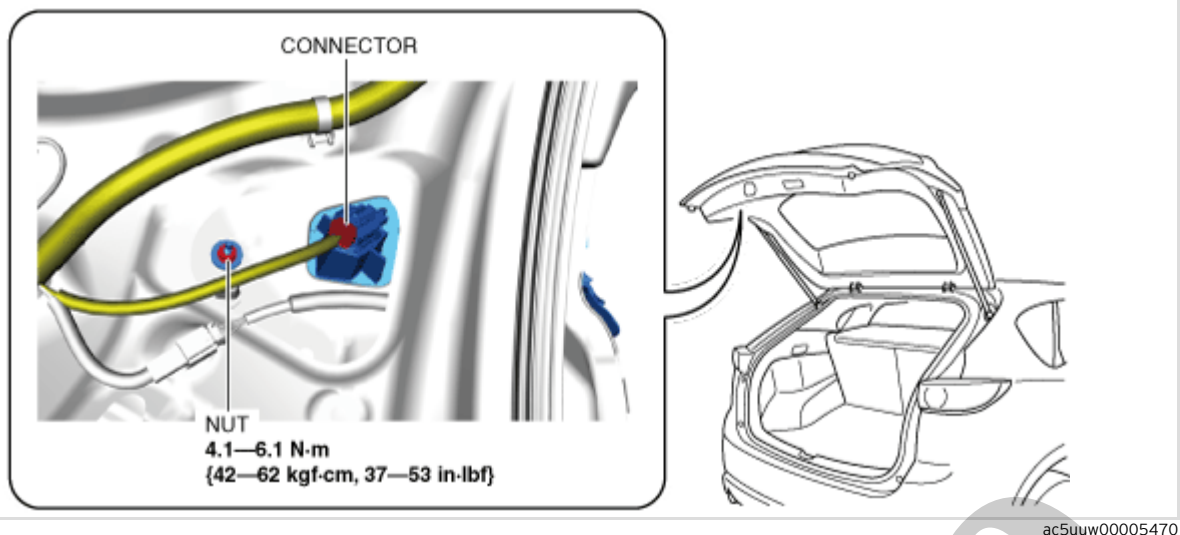
- The initialization is completed if the LED headlight warning light flashes three times every 0.25 s and turns off. Go to the next step.



- If the LED headlight warning light flashes at 0.25 s intervals, the procedure may have been performed incorrectly. Repeat the procedure from Step 4.
- If the LED headlight warning light turns on, the headlight auto leveling system may have a malfunction. Perform DTC inspection. (See [DTC INSPECTION \[AFS/ALM\]](#).)

7. Adjust the headlight aiming. (See [HEADLIGHT AIMING](#).)

8. Disconnect the connector.

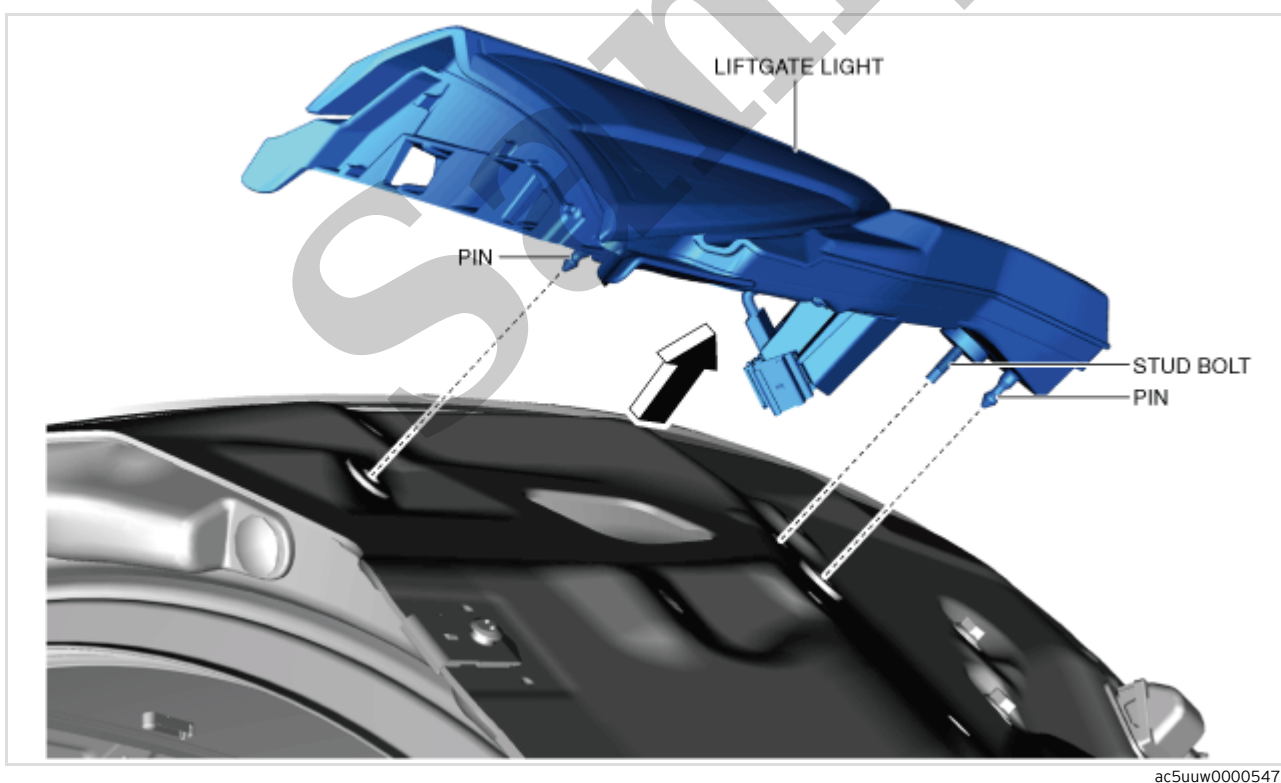


9. Remove the nut.

#### Caution

- When removing the liftgate light from the liftgate, the liftgate light may fall off and be damaged. Remove the liftgate light from the liftgate while holding the liftgate light on the lens side by hand.

10. Push out the liftgate light in the direction of the arrow shown in the figure and remove the liftgate light.



11. Remove the grommets from the liftgate.

# STEERING ANGLE SENSOR REMOVAL/INSTALLATION

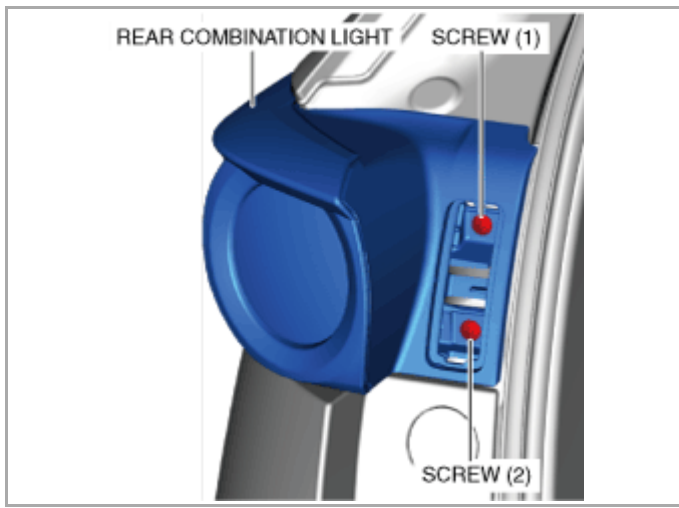
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## Note

- If the steering angle sensor is removed from the clock spring, the steering angle sensor absolute angle could change, therefore, do not remove the steering angle sensor from the clock spring.
- When replacing the steering angle sensor, replace it together with the clock spring. (See **CLOCK SPRING REMOVAL/INSTALLATION [STANDARD DEPLOYMENT CONTROL SYSTEM - MEXICO SPEC.]**.) (See **CLOCK SPRING REMOVAL/INSTALLATION [TWO-STEP DEPLOYMENT CONTROL SYSTEM - US/CANADA/ISRAEL SPEC.]**.)





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Sample

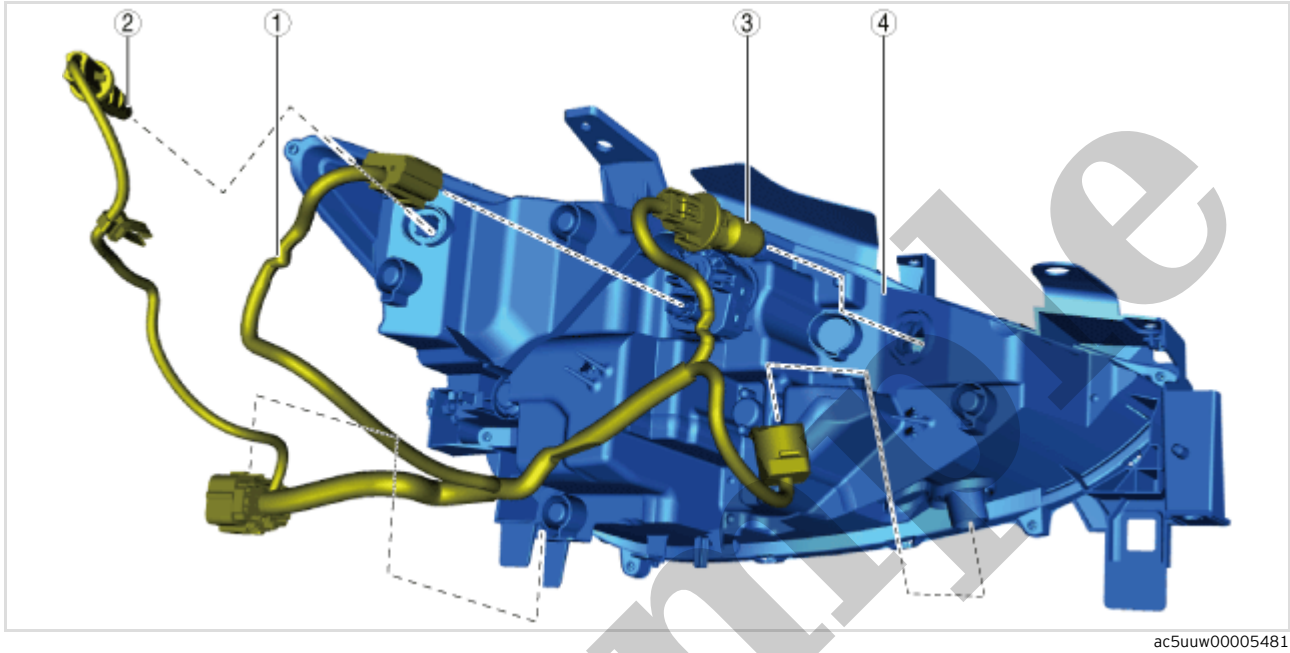
# FRONT COMBINATION LIGHT DISASSEMBLY/ASSEMBLY

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1.Disassemble in the order shown in the figure.

With headlight manual leveling system



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1	Short cord (See <b>Short Cord Removal Note</b> )
2	Front side marker light bulb (See <b>FRONT SIDE MARKER LIGHT BULB REMOVAL/INSTALLATION.</b> )
3	Front turn light/parking light bulb (See <b>FRONT TURN LIGHT BULB REMOVAL/INSTALLATION.</b> )
4	Front combination light

With headlight auto leveling system