Component Procedures: Hazard Warning Lamps

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Turn & Hazard Lamps - Service Tips (Article 42580)

Turn & Hazard Lamps **Service Tips (1)**

Circuit Description

System is controlled through the data input and output process between each module with network. Turn lamps & hazard lamps are controlled using IPS control module and IPS (2CH) in Smart junction block.

■ Turn lamps

Turn Lamps are operated by Turn Signal Lamp Switch LH/RH of Multifunction switch using the IG1 power. When the Turn Signal Lamps Switch is operated, IPS Control Module receives Turn Signal Lamp Switch (LH/RH) signals and it controls the IPS (2CH) to activate Turn Signal Lamp. Also instrument cluster receives Turn Signal from BCM via C-CAN and it activates Turn Signal Indicator. The operation is automatically canceled once turning has been completed. Return the switch to the center if it is not automatically canceled. When changing lane, the driver can operate the switch by slightly moving the lever before it clicks. The turn lamps are automatically turned off when the switch is released and returned to the original position.

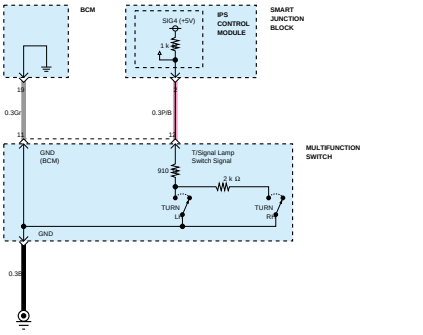
■ Hazard Lamps

Hazard lamps are operated by pressing the hazard lamps switch regardless of the engine start status. Hazard lamps switch is mounted on air-conditioning control module. In an emergency, it is used to prevent accidents. During the Hazard lamps switch is depressed, IPS control module receives a signal to control IPS (2CH). So all of turn signal lamps will blinks in same time. When it is pressed again, hazard lamps are canceled. During the hazard lamps operating, turn lamps does not activated.

■ Multifunction Switch Inspection

When each switch is pressed, check the electricity flow between multi-function switch connector and grounding, and if the electricity does not match the specification, replace the switch.

Switch	Switch position	Switch position	Resistance (Ω , ± 3.5%)
Turn signal lamp switch	OFF	9-12	∞
	Left		910
	Right		2910



If the flashing of the turn signal lamp and hazard lamp is abnormally fast or slow, there may be a problem with lamp wiring or a grounding defect.

Turn & Hazard Lamps - Service Tips (Article 42581)

Turn & Hazard Lamps **Service Tips (1)**

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System is controlled through the data input and output process between each module with network. Turn lamps & hazard lamps are controlled using IPS control module and IPS (2CH) in Smart junction block.

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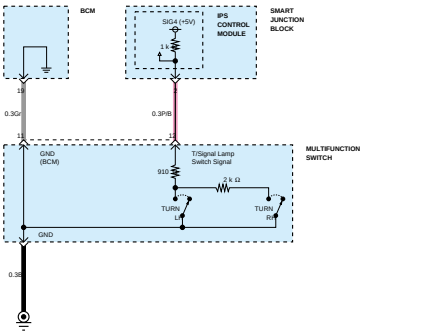

If the flashing of the turn signal lamp and hazard lamp is abnormally fast or slow, there may be a problem with lamp wiring or a grounding defect.