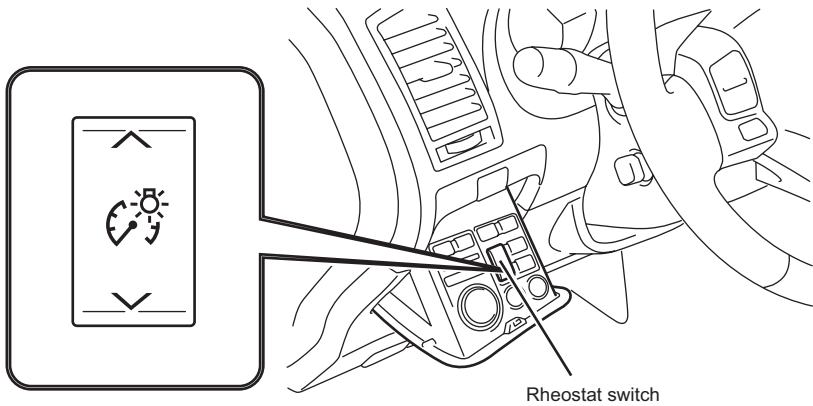


Rheostat

- Light dimming characteristics that are appropriate for the respective conditions have been provided through the operation of the light control switch or the daytime judgment based on the surrounding brightness detection signal provided by the light control sensor.
- The rheostat is mounted inside the module switch, which is located below the left side of the meter cluster. By operating the rheostat switch, the driver will be able to adjust the brightness of the meter.

Dimmable Sections

Stepless Dimming	Fixed Dimming (2 steps)
speed meter,tachometer,fuel gauge,water temperature gauge,odo/tripmeter,multi infomation display,outside air temperature gauge	operation/warning indicator lights (taillight,ECT POWER,ECT SNOW,CRUISE,AVS,AFS OFF),shift position indicator lights(P,N,D,S)



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Dimming Characteristics

Daytime

Rheostat Switch	UP	1	1/1
		2	5/10
		3	4/5
		4	7/10
		5	3/5
	DOWN	6	1/2

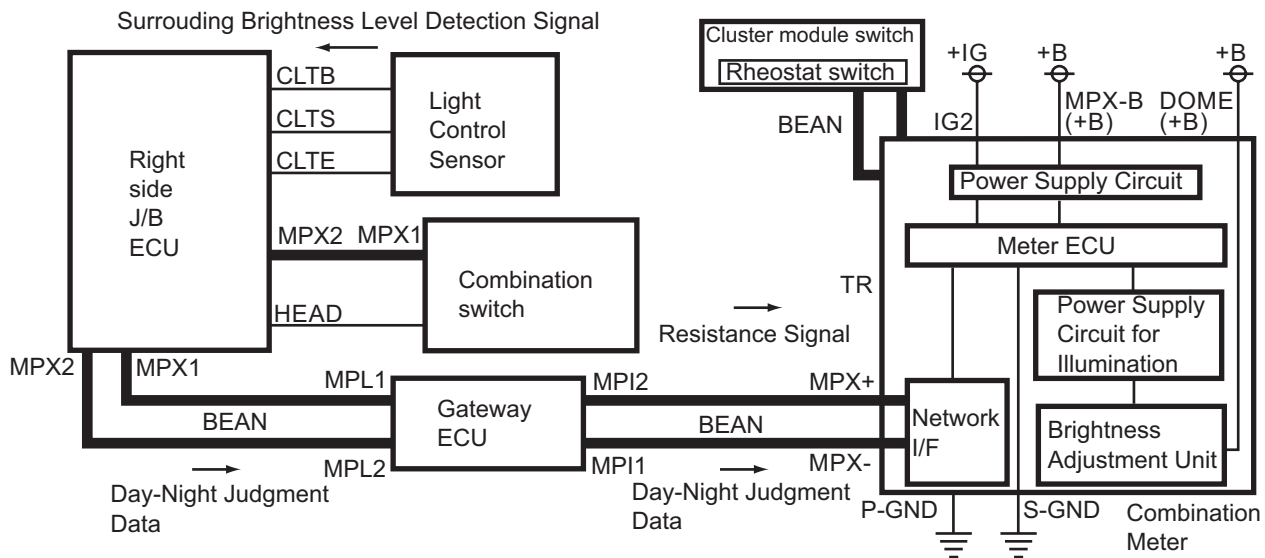
Nighttime

Rheostat Switch	UP	1	1/5
		2	3/20
		3	2/15
		4	3/26
		5	19/200
		6	3/40
		7	11/200
		8	1/40
		9	1/100
	DOWN	10	1/300

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Rheostat Operation

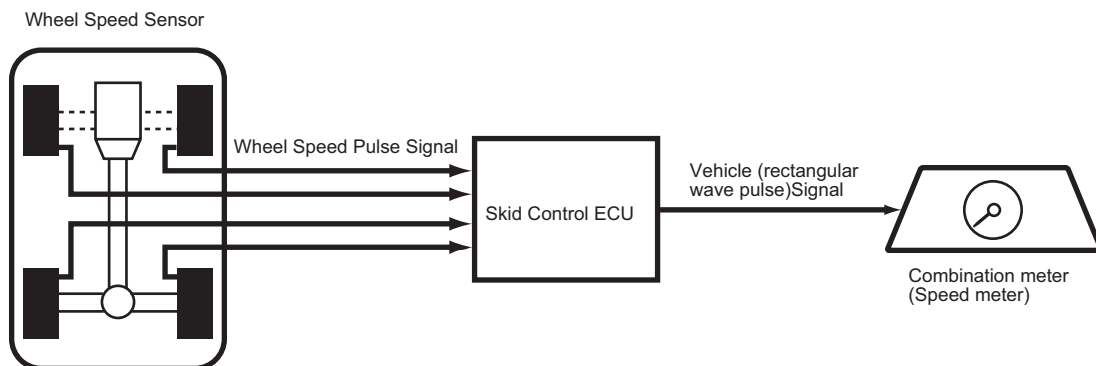
- Based on the taillight ON/OFF signal that is output by the operation of the light control switch, and the surrounding brightness level detection signal provided by the light control sensor, the right side J/B ECU determines whether it is daytime or nighttime. Then, it outputs the daytime/nighttime judgment data to the meter ECU via BEAN (Body Electronics Area Network).
- The meter ECU receives the input of this data, as well as the input of the changes in resistance that result from the operation of the rheostat, in order to adjust the lights to a brightness level that suits the daytime/nighttime judgment data.



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Speed Sensor

- A wheel speed sensor that is provided at each wheel outputs 48 pulses of wheel speed pulse signals per revolution of the wheel. The skid control ECU converts this signal into vehicle speed rectangular wave pulse signals that are equivalent to 4 pulses for every revolution of the axis of rotation of the transmission, and outputs them to the combination meter.



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