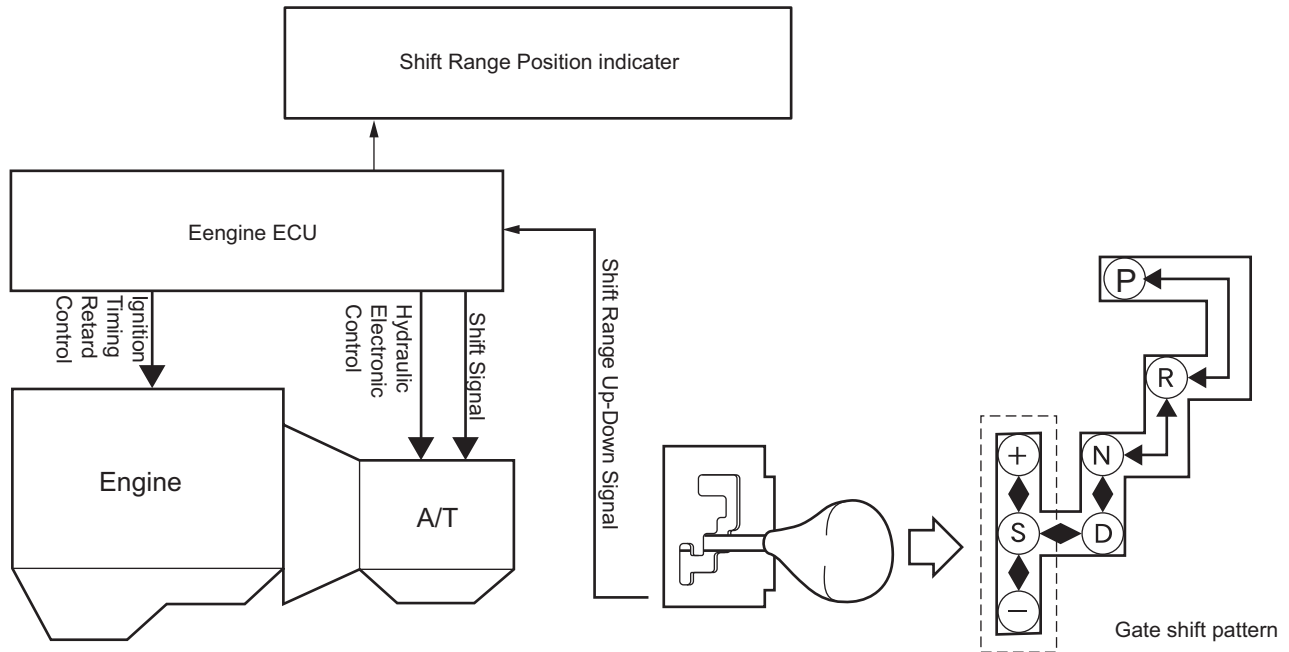


Multi-mode Automatic Transmission

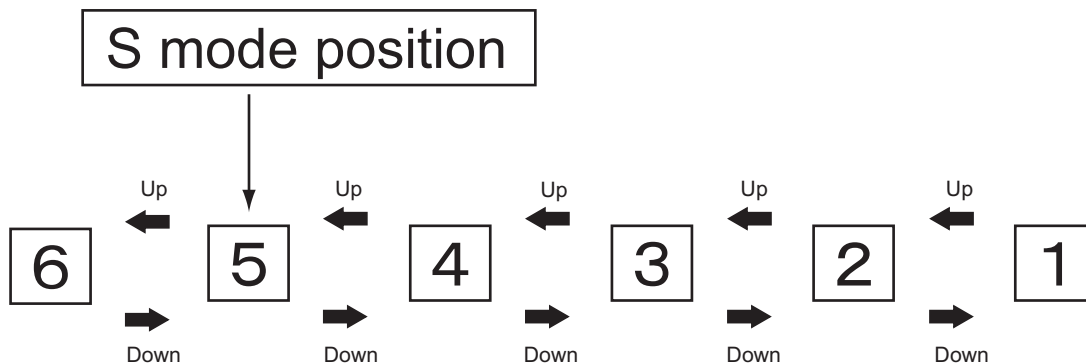
- When the driver moves the shift lever to the S position, the Multi-mode automatic transmission changes the transmission from the automatic shift mode to the multi-mode. This enables the driver to operate the vehicle in the shift range that the driver has selected with the shift lever. In addition, this mechanism enables the vehicle to provide an engine brake force that suits all shift ranges.



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Change The Multi-mode Automatic Transmission

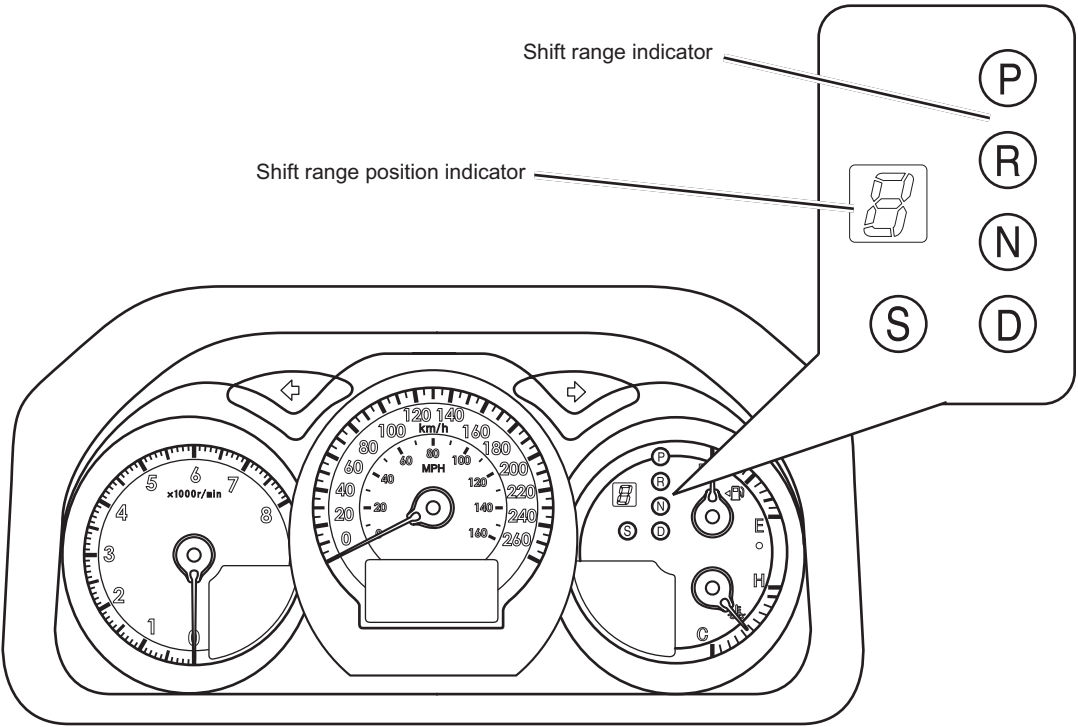
- The driver can operate the multi-mode automatic transmission by moving the shift lever to the S position. At the same time, this movement causes the transmission to engage in the 5th range. (During AI-Shift control, the display will show the maximum range that is being controlled.)
- When the driver operates the shift lever, the shift up switch or the shift down switch (the "+" or "-" switch in the shift lever assembly) turns ON. This causes a shift signal to be transmitted to the engine ECU (with built-in transmission ECU), thus changing the shift ranges within the 6th to 1st range.



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Multi-mode Automatic Transmission Indicator

- Shift range position indicator and a shift range indicator are provided in the combination meter.
- Shift magic position indicator illuminates when the driver moves the shift lever to the S position.
- When the shift lever is in the S position, the shift range indicator shows the shift range that is selected at that time. It does not appear in the P, R, N, or D range.



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Shift Gears That Can Use the Multi-mode Automatic Transmission

- When the shift lever is in the S mode position, the transmission fixes the gear to the selected shift range. Thus, the driver will be able to operate the vehicle with a manual transmission-like feel.

Shift Range Operation

Shift lever position	Shift operation	Shift range position indicator	Shift range
D	Impossible	Putting out lights	6,5,4,3,2,1(Automatic)
S	Possible	6	6,5,4,3,2,1(Automatic)
		5	5,4,3,2,1(Automatic)
		4	4,3,2,1(Automatic)
		3	3,2,1(Automatic)
		2	2,1(Automatic)
		1	1(Automatic)