

# MANUAL MODE SHIFT CONTROL STRUCTURE

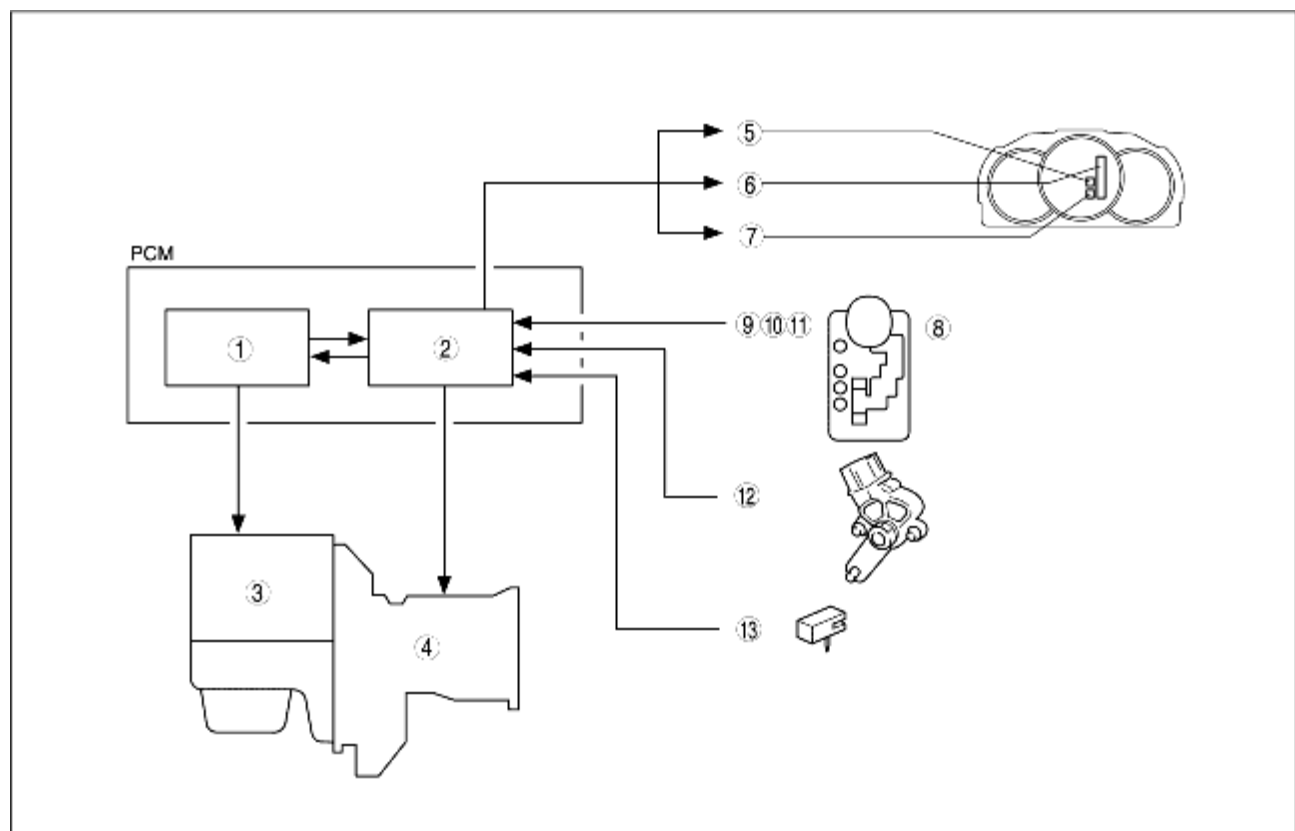
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## Features

- The manual mode shift control is activated by moving the selector lever from the D to M range position (selector lever is shifted over toward driver side).
- Manual mode shift control with a manual shifting system allowing selection of gear positions by manual operation of the selector lever forward (-) and back (+) has been adopted. Moreover, engine braking for all gears in manual mode according to the gear ratio is available.
  - Shifting between 1GR and 2GR when the vehicle is stopped is possible. Moreover, when shifting from the D to M range while driving, the same gear position is maintained.
  - Consecutive shifting in the M range has been adopted. When shifting down from M range 4GR or 3GR, and shifting up from M range 1GR or 2GR, one gear can be skipped over by rapidly tapping the selector lever two times in the down-shift (-) direction or up-shift (+) direction.
- Specialized manual mode selector lever position and gear position indicator lights, built into the instrument cluster, have been adopted.

## Structure

### System diagram



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1	Engine control system
2	Transaxle control system
3	Engine
4	Automatic transaxle
5	AT warning light
6	Selector indicator light
7	Gear position indicator light
8	Selector lever component
9	M range switch
10	Up switch
11	Down switch
12	TR switch
13	TFT sensor