

CLUTCH STROKE SENSOR [SKYACTIV-D 2.2]

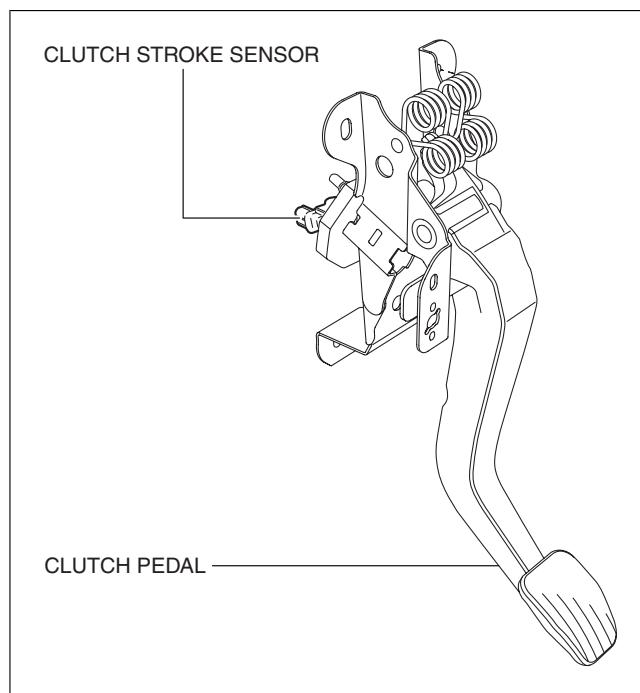
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Purpose/Function

- Detects how much the clutch pedal is depressed.

Construction

- Installed on the clutch pedal.
- A Hall element has been adopted as the detecting element for detecting the how much the clutch pedal is depressed.

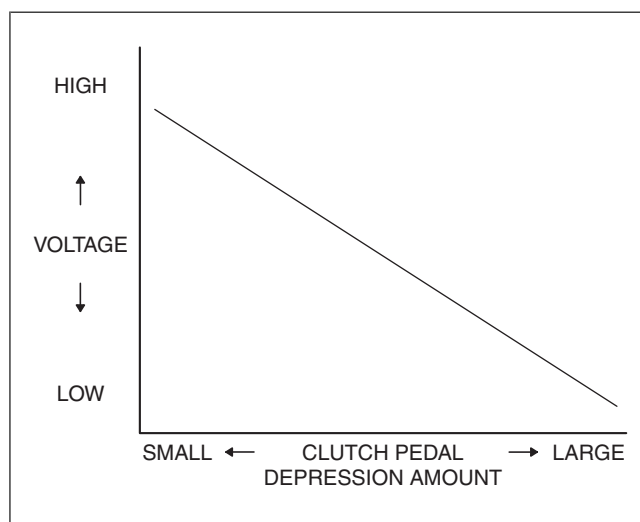


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Operation

- The PCM energizes the coil installed in the sensor to create a magnetic field. Depressing the clutch pedal moves the permanent magnet next to the coil. The PCM detects the amount in which the clutch pedal is depressed by measuring the change in magnetic flux occurring when the permanent magnetic moves.

Clutch stroke sensor characteristic



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Fail-safe

- Function not equipped.