

TURBINE/INPUT SHAFT SPEED SENSOR, OUTPUT SHAFT SPEED SENSOR [GW6A-EL, GW6AX-EL]

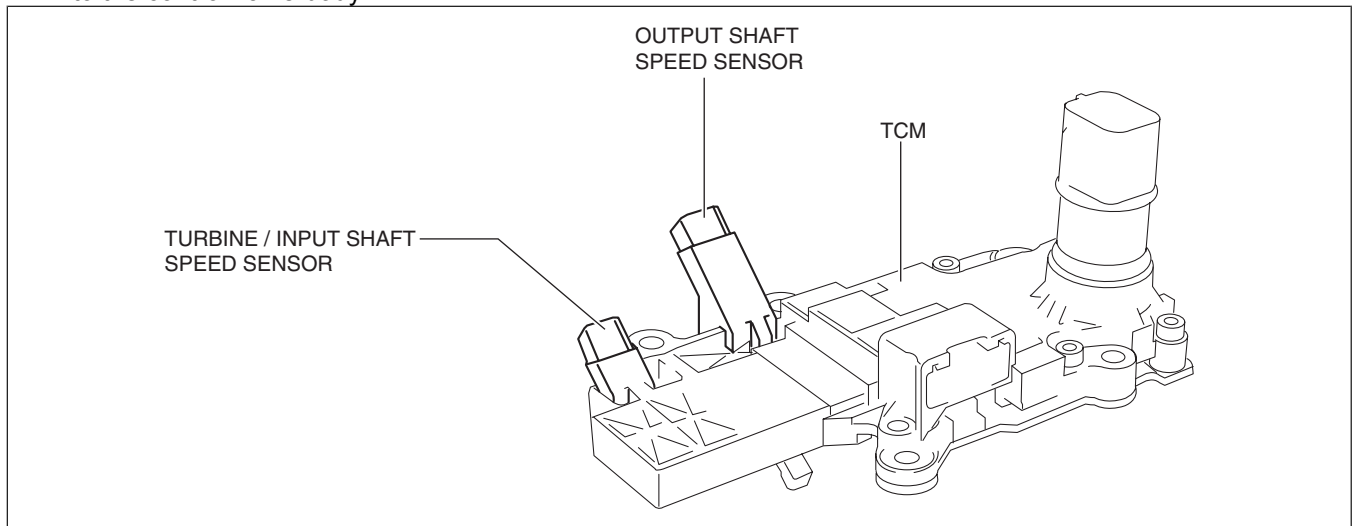
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Purpose/Function

- The turbine/input shaft speed sensor detects the rotation speed of the input shaft (low clutch drum).
- The output shaft speed sensor detects the rotation speed of the output shaft (primary gear).
- The turbine/input shaft speed sensor and output shaft speed sensor signals are used for automatic shift control, manual shift control, and the on-board diagnostic system.

Construction

- The turbine/input shaft speed sensor and output shaft speed sensor are both integrated with the TCM and built into the control valve body.



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Operation

- The turbine/input shaft speed sensor changes the output signal according to the rotation speed of the low clutch drum.
- The output shaft speed sensor changes the output signal according to the rotation speed of the primary gear.