05HMO–05

SYSTEM DESCRIPTION

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(a) The ECT (Electronic controlled automatic transmission) is an automatic transmission that electronically controls shift timing using the TCM*. The TCM* detects electrical signals that indicate engine and driving conditions, and controls the shift point, based on driver habits and road conditions. As a result, fuel efficiency and power transmission performance are improved.

Shift shock has been reduced by controlling the engine and transmission simultaneously.

In addition, the ECT has features such as follows:

- Diagnostic function.
- Fail–safe function when a malfunction occurs.

HINT:

*: Transmission Control Module (Transmission ECU, ECT ECU)