Hyundai Kona: Dual Clutch Transmission Control System / Description and operation

Description

The Dual Clutch Transmission (DCT) control system measures required data to identify the state of the control target and computes the appropriate compensation value if adjustment is necessary. The actuator is controlled according to the computed compensation value to obtain desired output.
If transmission or driving-performance-related failure is detected, first perform self-diagnosis and basic transmission inspection (oil check).
Then use the diagnostic tool to inspect the transmission control system components.

Operation principle

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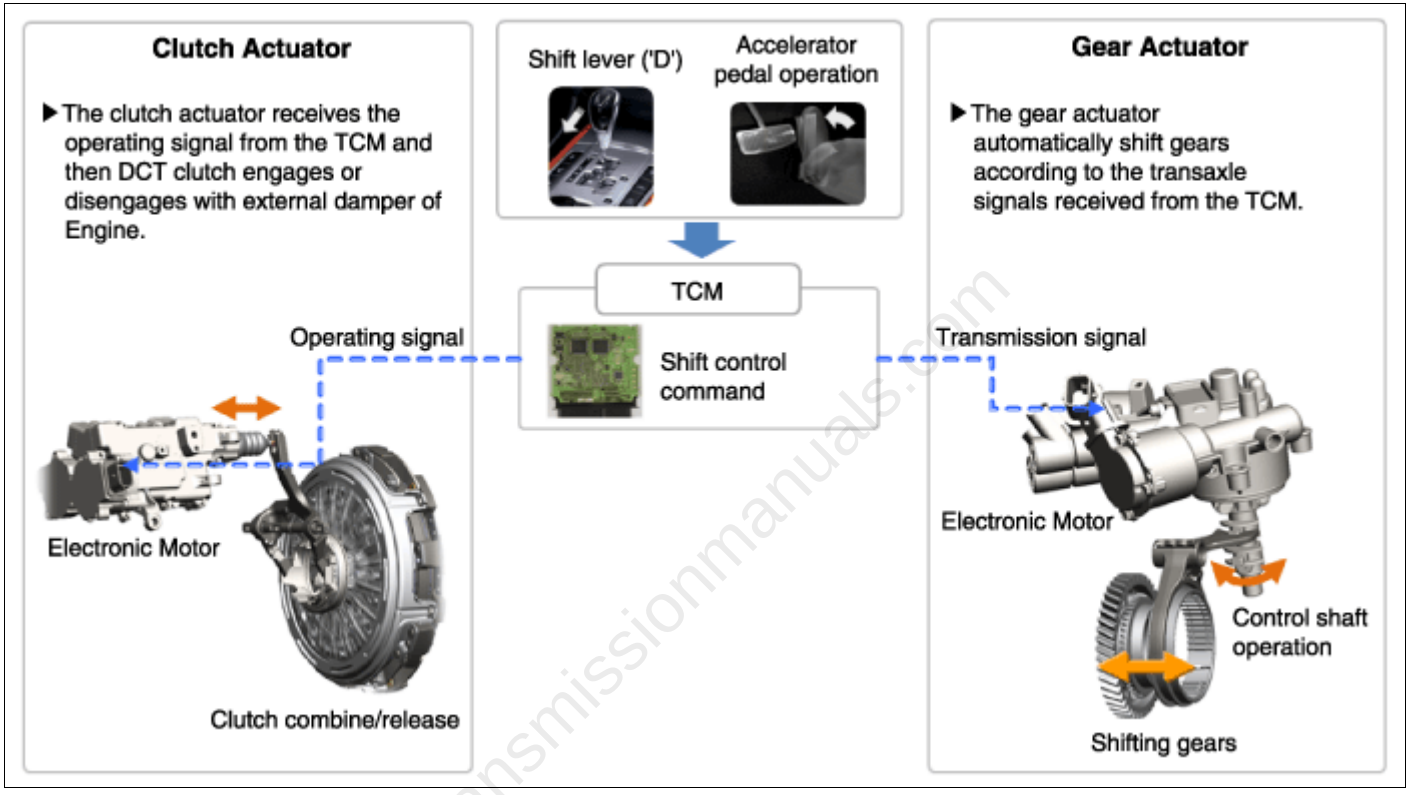

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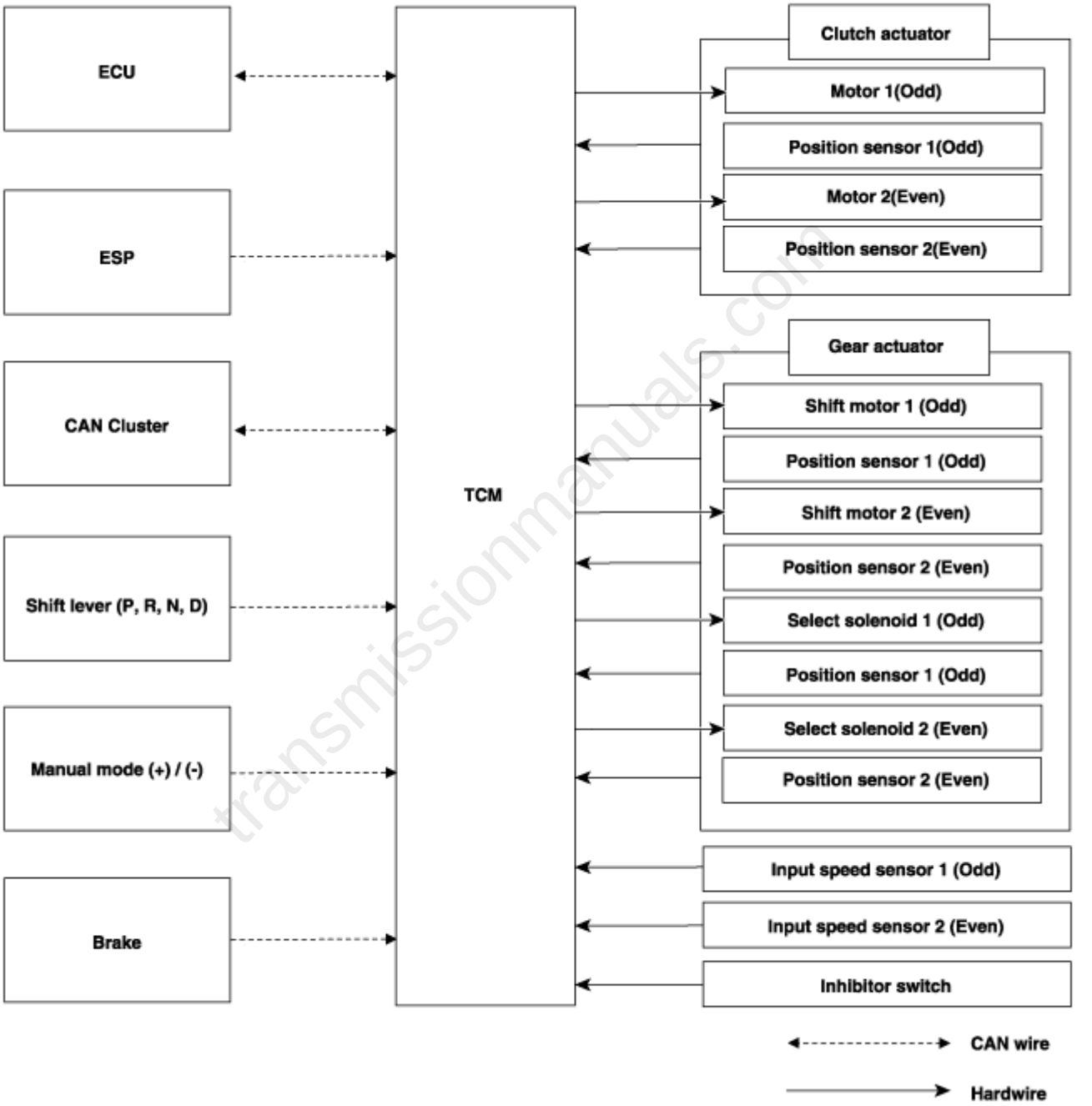
Control System Logic



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