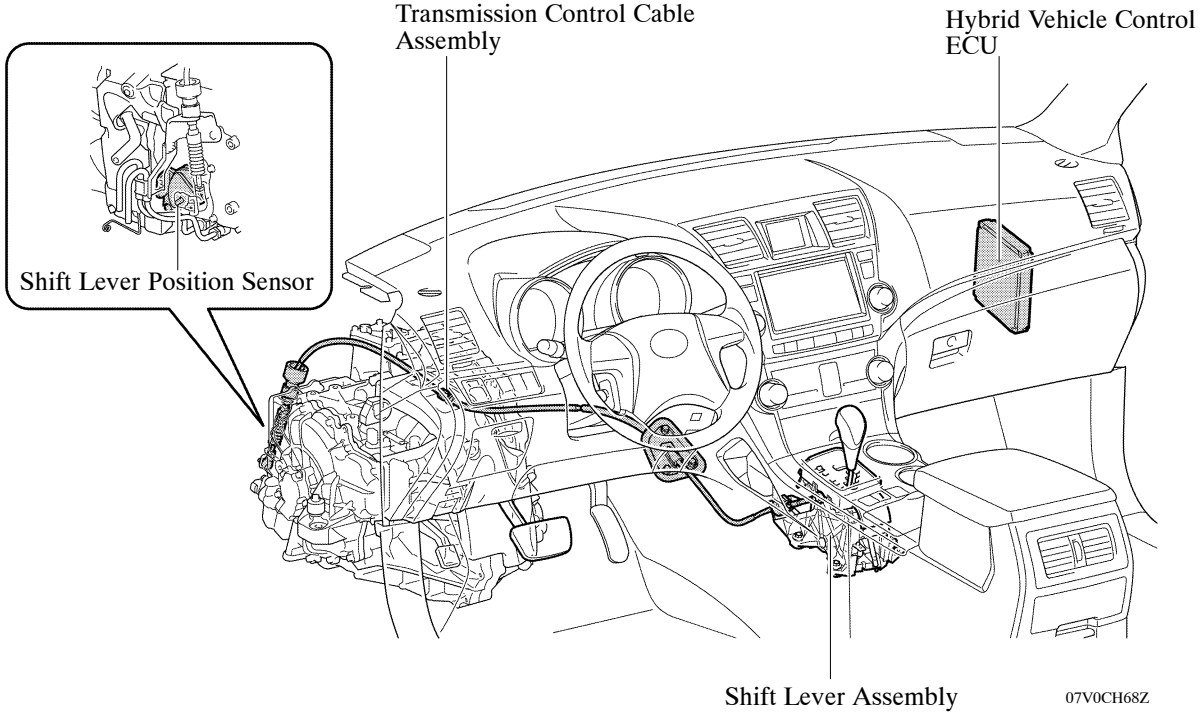
■SHIFT CONTROL SYSTEM

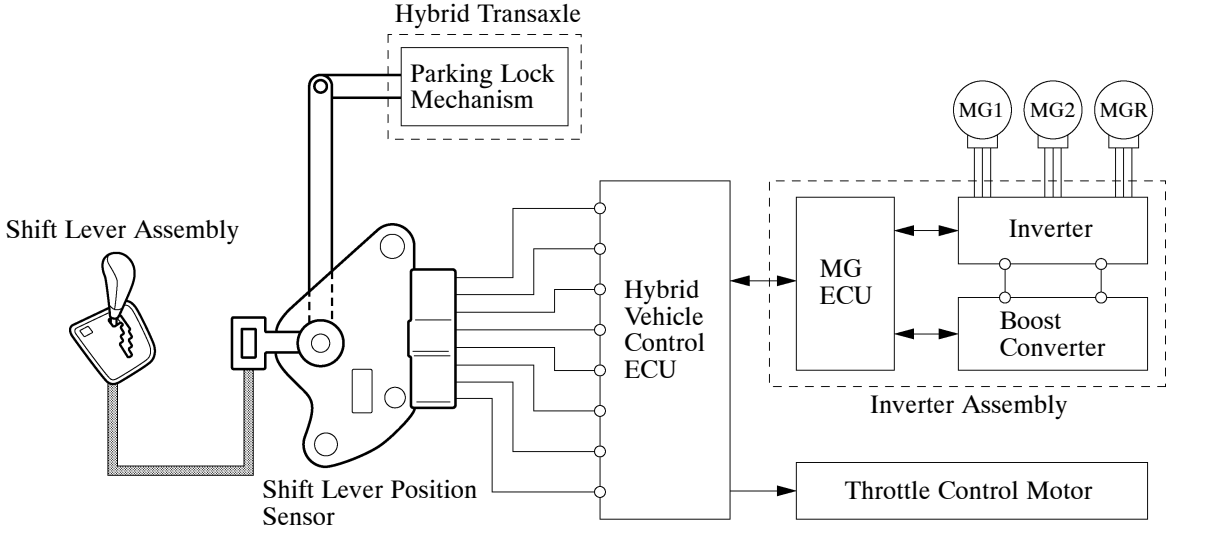
1. General

The shift control system consists of a shift lever, transmission control cable assembly, shift lever position sensor, parking lock mechanism, and hybrid vehicle control ECU.

- The shift lever used is a 5-position (P, R, N, D, and B) gate type. The gate type shift lever operates on the single-shift operation principle (fore-aft and side-to-side). Therefore, it does not require the use of a shift lever button, which is used on a straight type shift lever. Therefore, it excels in ease of use.
- The hybrid vehicle control ECU optimally combines the operation of the engine, MG1, MG2, and MGR in order to produce the respective shift positions.



2. System Diagram



3. Parking Lock Mechanism

The parking lock mechanism consists of a parking lock pawl and a parking gear which is integrated with the compound gear.

- When the driver moves the shift lever to the P position, the parking lock pawl engages with the parking lock gear.

