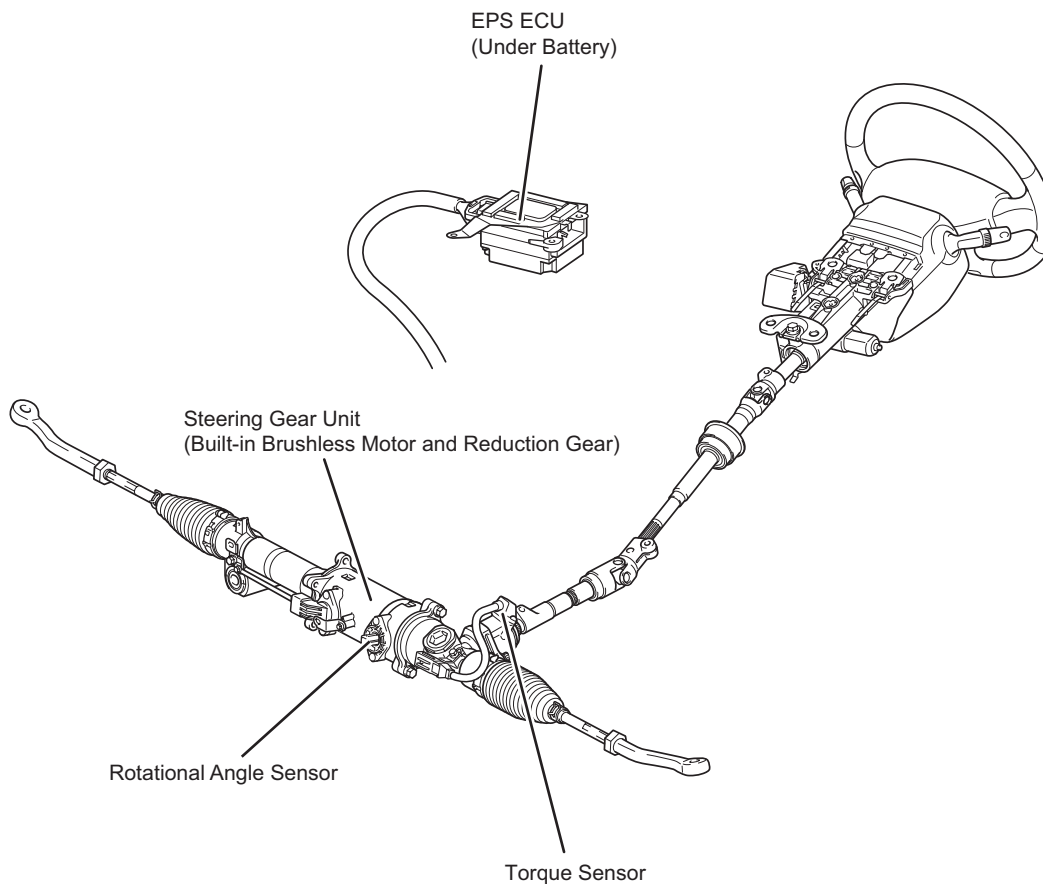
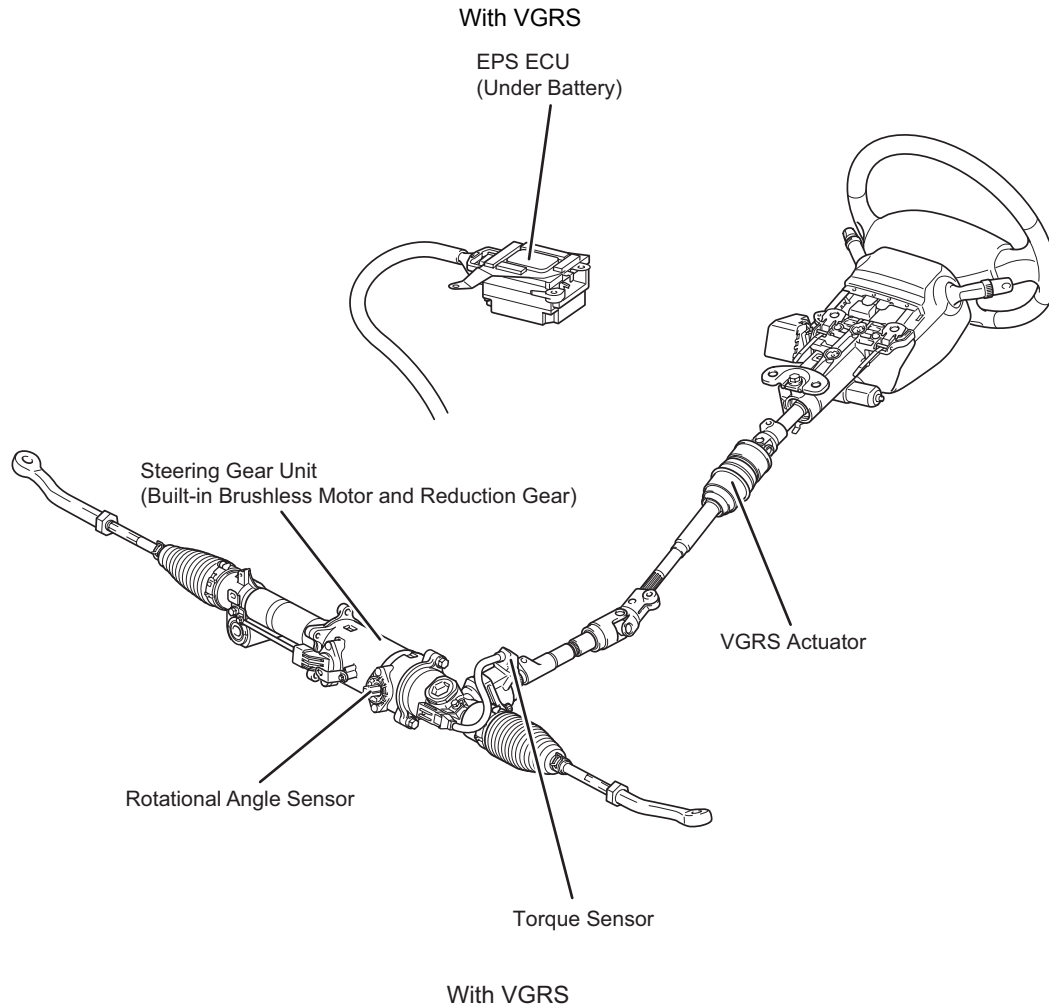


POWER STEERING

Power Steering Outline

- All models use a rack assist type EPS (Electric Power Steering) system.
- The rack assist type EPS system uses a brushless motor and a reduction gear that are installed in the steering gear unit. This system generates assist torque during a steering operation to reduce the driver's steering effort.





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Main Components and Functions

Component	Function
EPS(Electric Power Steering) ECU	Calculates the assist current based on the torque sensor signal and the vehicle speed signal and outputs it to the motor.
Torque Sensor	Outputs steering torque to the EPS ECU.
Rotational Angle Sensor	Outputs the rotational angle of the motor to the EPS ECU.
Brushless Motor	Generates an assist torque based on the assist current provided by the EPS ECU.
Reduction Gear	Reduces the rotation of the brushless motor and transmits it to the steering gear.
Combination Meter	Illuminates the P/S warning light in the combination meter in case of a system failure.
DLC3	Enables access to the DTC (Diagnostic Trouble Code) and ECU data when a diagnosis tool (Intelligent Tester II) is connected to this connector and operated.