

Motor Business



Transfer Case Module

SNT Motiv has developed and grown into a global motor maker by leading the world motor market through thirty years of technical innovation and creativity.

SNT Motiv's motor business is divided into powertrain part, EPS(Electric Power Steering) part, and convenience motor part. Based on its diverse global experience, we supply eco-friendly motors, which are key components in hybrid and electric vehicles.

- Powertrain Part

- EPS Part

- Convenience Motor Part

Motor Business

Powertrain Part



Rotor Assembly

Traction Motor Sub Assembly

Traction motor is to electric vehicles as engines are to gasoline vehicles. It features high peak torque and strong power as the heart of electric vehicles. SNT Motiv produces wide range of motors installed in hybrid and electric vehicles such as all-electric compact vehicle, hydrogen fuel cell vehicle and CNG Hybrid Bus.



ISG Motor

Integrated Starter and Generator Motor

The ISG is specialized for hybrid vehicles ; it helps to reduce fuel combustion and emission, as well as to start the engine and to charge the battery.

Dual-Clutch Transmission Actuator

The DCT Actuator rapidly moves the doubly clutch, making for a quick and smooth gear shift. It reduces fuel consumption and enhances driving performance. SNT Motiv supplies DCT actuator that has been adapted for next generation transmissions such as 6 speed and 7 speed.



Housing Starter Assembly

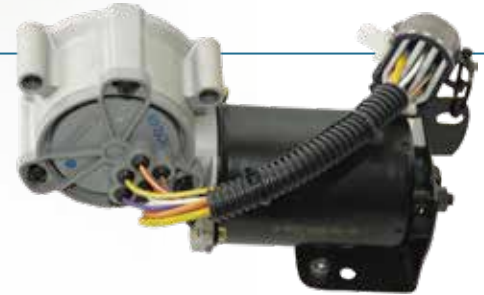
DCT actuator



Motor Business



Electric Shift Motor

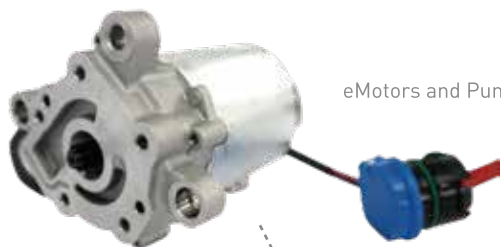


Electric Shift Motor

Electric shift motor switches from two wheel to four wheel drive by distributing the power from the powertrain to the front and back tires.

eMotors and Pumps

eMotors and pumps supply oil to the vehicle's transmission. This system improves the engine's efficiency by using motors to supply the oil instead of the engine power. This helps to regulate the amount of the oil supply.



eMotors and Pumps



- Powertrain Part

- EPS Part

- Convenience Motor Part



EPS Motor

Motor Business

EPS Part

Electric Power Steering Motor

The EPS helps with the steering power by changing the steering system to automatic, using the engine's power. This increases fuel efficiency and makes for a steadier driving experience. This can be applied in many ways from autonomous driving to self-parking, controlled by the EPS. SNT Motiv supplies a variety of EPS motors from one that is fitted to the axle to one that is fitted onto the steering wheel.

Motor Business

Convenience Motor Part

Convenience Motor

SNT Motiv develop and produce high tech, and high value convenience motors. The demand for convenience motors is increasing in the global market for use in sunroof, pedal, seat, etc.



DRB Motor



Single Pack Seat Motor



Sunroof Motor



Gear Train Pedal Motor



Recliner Motor