

## Forecasts of the Importance of Electrical Motors in the Automotive Industry to 2007

*Research and Markets ([researchandmarkets.com/reports/c9219](http://researchandmarkets.com/reports/c9219)) has announced the addition of Automotive Electric Motors: Trends, Companies, Forecasts to 2007, 2004 Edition to their offering.*

([PRWEB](#)) November 14, 2004 -- Electric motors perform a variety of functions that were formerly consigned to cranks, gears and levers. All systems such as intelligent brake-control, throttle-by-wire and steer-by-wire require a sensor, a control unit and an electric motor. Electric motors are found in anything that has an electrical movement or solenoid function - such as window-lifts, fuel pumps, mirror and headlamp adjusters, anti-lock brake systems, clutches, automatic manual transmissions, parking brakes and electric steering. This second edition report reviews the key market drivers for automotive electric motors and looks at the main product applications for electric motors, highlighting some recent innovations as well as providing product forecasts. Chapter two reviews a range of automotive applications, providing product forecasts by value and volume in Japan, Europe and North America through 2007 and estimates and forecasts the volume and value of electric motors in those regions. Chapter three provides profiles of the major electric motor manufacturers: ArvinMeritor, Bosch, Continental Temic, Denso, Globe Motors, Jideco, Johnson Electric, SAIA Burgess, Siemens VDO & Valeo

Extract from the report - Power surge

The importance of electrical motors in the automotive industry is growing. Besides standard brushed DC motors, mainly found in body and convenience areas, multiphase unipolar BLDC motors, typically used in open loop pump drives and HVAC applications, are becoming popular. Manufacturers of brushless DC motors are pushing to develop smaller motors yet maintain power and speed. The driving force behind market growth is motorists' insatiable demand for enhanced safety, comfort, fuel economy and improved emission performance.

Although electric motors have long since been used in wiper systems and to power engine-cooling fans, these markets have matured. There are, however, some promising applications to improve comfort and convenience in the mid-range car segments, such as power windows and anti-lock brake systems. Electric steering is also becoming a common feature in small cars while electric parking brakes show great promise.

For more information visit <http://www.researchandmarkets.com/reports/c9219>

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