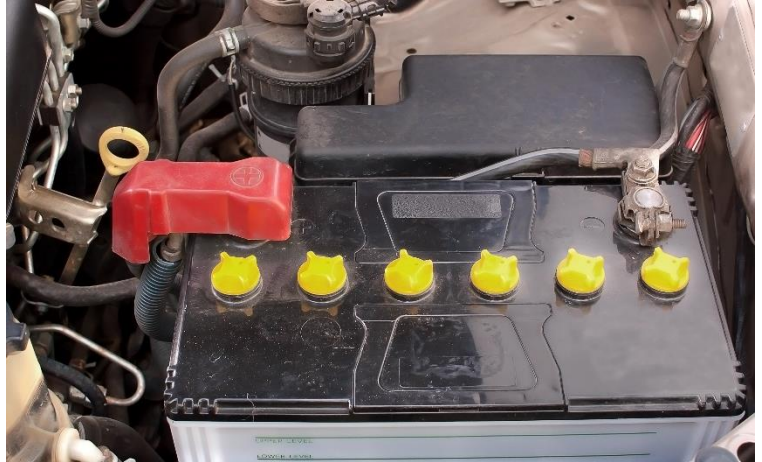
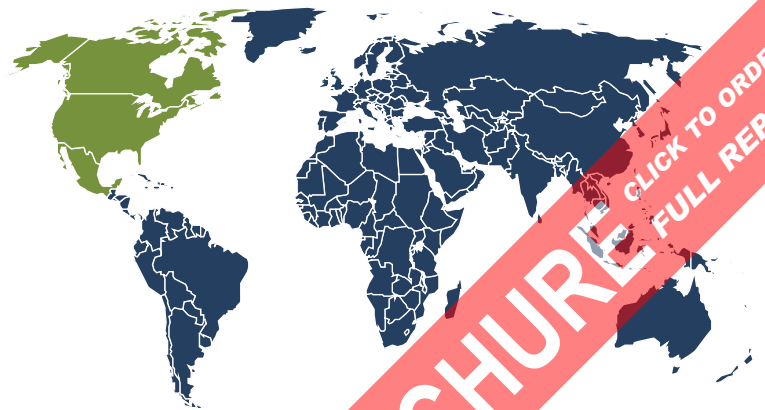


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Automotive Aftermarket Batteries & Ignition Components: North America

July 2017



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Table of Contents

1. Highlights	4
2. Market Environment	6
Historical Trends	6
Key Economic Indicators	7
Vehicle Trends	8
Quality Improvements	8
Annual Mileage	8
Average Vehicle Age	9
Accident Rates	9
Technology & Materials	11
Legal & Regulatory Factors	12
United States	12
Canada	13
Mexico	13
3. Segmentation & Forecasts	14
Products	14
Batteries	15
Starters	17
Ignition Harnesses, Wire Sets & Cables	18
Alternators	18
Spark Plugs	19
Other Ignition System Components	20
Performers	23
Professional	24
Consumer	25
4. Industry Structure	27
Industry Characteristics	27
Market Share	28
Johnson Controls International	29
East Penn Manufacturing Company	30
Exide Technologies	30
5. About This Report	31
Scope & Method	31

Sources	32
Industry Codes	32
Resources	33

List of Tables & Figures

Figure 1 Key Trends in the NA Automotive Battery & Ignition System Component Aftermarket, 2016-2021	5
Figure 2 NA Auto Battery & Ignition Comp Aftermkt Demand Trends, 2006-2016	6
Table 1 Key Indicators for NA Auto Battery & Ignition Component Aftermkt Demand; 2006, 2011, 2016, 2021	7
Figure 3 NA Auto Battery & Ignition Comp Aftermkt Demand by Product; 2006, 2011, 2016, 2021 (US\$ mil)	14
Table 2 NA Auto Battery & Ignition Comp Aftermkt Demand by Product; 2006, 2011, 2016, 2021 (US\$ mil)	14
Figure 4 NA Auto Battery & Ignition Comp Aftermkt Demand by Product; 2006, 2011, 2016, 2021 (%)	22
Figure 5 NA Auto Battery & Ignition Comp Aftermkt Demand by Perfrmr; 2006, 2011, 2016, 2021 (US\$ mil)	23
Table 3 NA Auto Battery & Ignition Comp Aftermkt Demand by Perfrmr; 2006, 2011, 2016, 2021 (US\$ mil)	23
Figure 6 NA Auto Battery & Ignition Comp Aftermkt Demand by Perfrmr; 2006, 2011, 2016, 2021 (%)	26
Figure 7 NA Auto Battery & Ignition Comp Aftermkt Market Share by Company, 2016	28
Table 4 Leading Suppliers to the NA Auto Battery & Ignition Comp Aftermkt by Principal Product Lines	29
Table 5 Industry Codes Related to NA Auto Battery & Ignition Comp Aftermkt	32

About This Report

Scope & Method

This report forecasts North American demand for automotive aftermarket batteries and ignition system components in US dollars at the manufacturers' level to 2021. Total demand is segmented by product in terms of:

- batteries
- starters
- ignition harnesses, wire sets, and cables
- alternators
- spark plugs
- other products such as points and condensers, relays, switches, transformers, and resistors.

In the scope of this report, “automotive” denotes light vehicles (ie, passenger cars, light trucks, and vans). The aftermarket represents parts and components installed after the vehicle has left the factory. However, remanufactured and rebuilt components are included in the scope of this report. For the purposes of this report, original equipment manufacturer (OEM) replacement parts, original equipment service (OES) parts, and aftermarket parts are all included in the automotive aftermarket, as long as these parts are utilized to repair or upgrade light vehicles in use. Furthermore, sales are attributed to the final purchaser, rather than the installer.

Total demand is also segmented by performer as follows:

- professional
- consumer/DIY (do-it-yourself).

To illustrate historical trends, total demand is provided in annual series from 2006 to 2016; the various segments are reported at five-year intervals for 2006, 2011, and 2016.

This report quantifies trends in various measures of growth and volatility. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. The volatility of datapoints around a least squares growth trend over time is expressed via the coefficient of determination, or r^2 . The most stable data series relative to the trend carries an r^2 value of 1.0; the most volatile – 0.0. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and

About This Report

ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

Key macroeconomic indicators are also provided with quantified trends. Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the Table of Contents.

Sources

Automotive Aftermarket Batteries & Ignition Components: North America (FF85041) is based on [Automotive Aftermarket for Batteries & Ignition System Components in North America](#), a comprehensive industry study published by The Freedonia Group. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources including:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- national, regional, and international non-governmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- the findings of other reports and studies by The Freedonia Group.

Specific sources and additional resources are listed in the Resources section of this publication for reference and to facilitate further research.

Industry Codes

Table 5 | Industry Codes Related to NA Auto Battery & Ignition Comp Aftermkt

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
335911	Storage Battery Mfg	3691	Storage Batteries
336322	Other Motor Vehicle Electrical and Electronic Equipment Mfg	3694	Electrical Equipment for Internal Combustion Engines

Source: US Census Bureau

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Resources

The Freedonia Group

Automotive Aftermarket for Batteries & Ignition System Components in North America, July 2017

Freedonia Industry Studies

Automotive Aftermarket for Filters in North America, June 2017

Automotive Aftermarket for Brake Parts in North America, April 2017

Automotive Aftermarket for Powertrain Components in North America, March 2017

Global Internal Combustion Engine & Related Filters Market, January 2017

Gasket & Seal Market in the US, December 2016

Rechargeable (Secondary) Batteries, September 2016

World Bearings, August 2016

World Gaskets & Seals, December 2015

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Automotive Repair & Maintenance Services: United States

Bearings: United States

Gaskets & Seals: United States

Hoses & Belts: United States

Internal Combustion Engine Filters: United States

Medium- & Heavy-Duty Trucks & Buses: United States

Metal Stampings: United States

Motorcycles: United States

Motor Vehicles: United States

Tires: United States

Transport Equipment: United States

World Bearings

World Gaskets & Seals

World Internal Combustion Engine Filters

Freedonia Custom Research

Trade Publications

Aftermarket Business World

Aftermarket News

AutoInc.

Automotive Engineering International

Automotive News

Tire Business

Ward's AutoWorld

Agencies & Associations

AutoCare Association
Automotive Aftermarket Suppliers Association
Automotive Industries Association of Canada
Automotive Service Association
Canadian Battery Association
Eurostat
Instituto Nacional de Estadística Geografía e Informática
International Monetary Fund
Motor & Equipment Manufacturers Association
National Automobile Dealers Association
National Highway Traffic Safety Administration
Organisation for Economic Co-operation and Development
Specialty Equipment Market Association
Statistics Canada
United States Census Bureau
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United States International Trade Commission
World Bank