

# Automotive Aftermarket for Powertrain Components in North America

## Industry Study with Forecasts for 2021

Study #3505 | March 2017 | \$4900



Gains in North American aftermarket sales of automotive powertrain components (engine, transmissions, and drivetrains) will be fueled by:

- increases in quantities and average age of the light vehicle park in the region
- a rising number of electronic parts in powertrain systems, increasing their complexity and per-unit replacement costs
- growth in the average number of miles driven due to relatively low gasoline prices
- rising levels of personal income and employment

## Mexico to register fastest growth

Through 2021, aftermarket powertrain demand in Mexico will expand at the fastest rate, albeit from a relatively small base. The country will post above average increases in the light vehicle park, an advanced age in the existing light vehicle park requiring replacement or repair of powertrain components, a hot climate that can lead to vehicle overheating, and poor road conditions, which can lead to powertrain wear and tear.

Nevertheless, a preference in the country for standard transmission vehicles, which are more economical to repair, will restrain overall sales advances. In addition, the 2017 deregulation of gasoline prices in Mexico could raise the cost of gasoline by as much as 20%, which will likely reduce the average number of miles driven per vehicle,

along with associated powertrain product aftermarket demand.

## Transmissions & parts dominate

Transmissions and related parts accounted for 45% of regional automotive aftermarket powertrain demand in 2016, with sales supported by the lower lifespan of transmissions components compared to other powertrain parts, as well as increasing per-unit costs due to technological innovation. Engines and related parts and drivetrain components comprised smaller shares of the North American powertrain aftermarket in 2016, accounting for 29% and 26%, respectively.

## Study coverage

**Automotive Aftermarket for Powertrain Components in North America** is an update to part of #2927 Automotive Aftermarket in North America (August 2012). This study analyzes aftermarket demand for engines, transmissions, and drivetrain components in the US, Canada, and Mexico. Specific products covered include transmission (automatic and manual) and parts; engine (cylinder heads and blocks; pistons and rings; valves, seats, and related parts; engine bearings); and camshafts (axles and parts; wheels and hubs; clutch assemblies; CV joints; drive shafts; and universal joints). Demand is also discussed by performer: professional (specialists; garages and service stations; automobile dealerships; other) and consumer/DIY.

**DEMAND BY PRODUCT**

**Product Forecasts**

Through 2021, North American aftermarket demand for auto powertrain components will : the slow growth of the 2011- ed by a weakening in the val peso relative to the US dollar span also limited powertrain all value gains. Through 202 components will both climb : \$3.4 billion, respectively, wh parts product segment will ac

Gains in North American demand for replacement engine, transmission, and drivetrain components will be promoted by:

- gains in average age and number of vehicles in the light vehicle park
- increases in the average number of miles driven due to relatively low gasoline prices, increasing personal income levels, and higher levels of employment
- technological and engineering changes -- including lightweighting and downsizing, turbocharging, direct injection, and valve train controls -- which increase per-unit component costs

Nevertheless, significant anticipated gas price hikes in Mexico due to the deregulation of gasoline prices will limit the number of miles driven annually in that country. In addition, the longevity of many powertrain components -- many of which are intended to last the lifetime of the vehicle -- will exert a downward pressure on sales. Similarly, current trends in automobile manufacturing include efforts to decrease the frequency with which the consumer must perform maintenance. This trend has significantly dampened demand for frequent, low-level maintenance, but the increased complexity of the automotive technology is such that

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**Table 5-2 | Professional Automotive Powertrain Component Aftermarket in North America by Performer, 2006 - 2021 (million dollars)**

Item	% Compound Annual Growth						
	2006	2011	2016	2021	06-11	11-16	16-21
Light Vehicles in Use (million)							
\$ professional aftermarket/vehicle							
Professional Powertrain Aftermarket							
Garages & Service Stations							
Specialists							
Automobile Dealerships							
Others							
% professional							
NA Powertrain Component Aftermarket							

Source: The Freedonia Group

**This study can help you:**

- Determine your market & sales potential
- Learn more about industry competitors
- Assess new products & technologies
- Identify firms to merge with or acquire
- Complement your research & planning
- Gather data for presentations
- Confirm your own internal data
- Make better business decisions

**Table 3-1 | North America: Automotive Powertrain Component Aftermarket by Country, 2006 - 2021 (million dollars)**

Item	% Compound Annual Growth						
	2006	2011	2016	2021	06-11	11-16	16-21
Light Vehicles in Use (mil)							
\$ aftermarket/vehicle							
NA Powertrain Component Aftermarket							
United States							
Canada							
Mexico							
% aftermarket							
Total Auto Powertrain Demand (bil \$)							

Source: The Freedonia Group

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- Asphalt Shingles Market in the US

#### Updates

- Global Countertops Market
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- North American Automotive Aftermarket
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## Related Studies

### Global Diesel Engine Market

Global diesel engine sales are forecast to expand 5.8 percent per year through 2020 to \$238 billion. More than half of all new product demand will be in the Asia/Pacific region. Off-highway and other mobile equipment diesel engines will climb well above the global average, bolstering gains in motor vehicle diesel engine demand. This study analyzes the \$180 billion world diesel engine industry, with forecasts for 2020 and 2025 by product and market in 6 world regions, and for 23 countries. The study also evaluates company market share and lists industry players.

#3488..... January 2017 ..... \$6300

### Global Internal Combustion Engine & Related Filters Market

World demand for ICE and related filters will rise 4.7 percent annually to \$34.0 billion in 2020. The US and China were the largest national markets for ICE filters in 2015, but China will become the largest ICE filter-using country by 2025. The motor vehicle market will remain dominant through 2020. This study assesses the \$27 billion global ICE and related filters market, with forecasts for 2020 and 2025 for supply and demand, plus demand by type and market, in 6 regions and 22 countries. The study also analyzes company market share.

#3481..... January 2017 ..... \$6400

### World Bearings

Global demand for bearings will grow 6.1 percent yearly through 2020 to \$104.5 billion. Unmounted ball and roller bearings will continue to be the largest bearing type, while the fastest growing markets will be in aerospace and motorcycles. China will remain the largest bearings user, though India will post the fastest gains. This study assesses the \$77.7 billion bearings market, with forecasts for 2020 and 2025 for supply and demand, plus demand by market, in six regions and 17 countries. The study also evaluates company market share and profiles global players.

#3442..... August 2016 ..... \$6400

### World Industrial Valves

World demand for industrial valves will rise 4.3 percent annually through 2019 to \$98.5 billion. Market growth in developing areas will outpace product demand in developed countries. The expansion and upgrading of water infrastructures will help sales increases. This study analyzes the \$80 billion world industrial valve industry, with forecasts for 2019 and 2024 by product and market for six world regions and 25 major countries. Total demand is given for an additional seven countries. The study also evaluates company market share and profiles industry players.

#3369..... January 2016 ..... \$6300

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## Freedonia's methods

- Establishing consistent economic & market forecasts
- Using input/output ratios, flow charts & other economic methods to quantify data
- Employing in-house analysts who meet stringent quality standards
- Interviewing key industry participants, experts & end users
- Researching a proprietary database that includes trade publications, government reports & corporate literature

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