Automotive Aftermarket for Brake Parts in North America

Industry Study with Forecasts for 2021

Study #3512 | April 2017 | $4900

Sales gains for automotive brake parts in the North American aftermarket will be boosted by:

• a rise in the size and age of the region’s light vehicle park
• lightweighting trends in auto production, leading to the installation by OEMs of thinner, lighter brake parts that need to be replaced more frequently
• the ready availability of cheap imports that makes it more affordable to replace rather than resurface rotors and drums, but reducing replacement intervals
• increases in raw materials and product prices
• legislation restricting hazardous materials content that will promote sales of higher-value brake parts

Mexico to be fastest growing, US to see largest net gains

While average annual market advances in the US will lag those of Mexico and Canada, the US will still account for nearly four-fifths of all North American brake parts sales gains through 2021 in value terms, due to its large and aging light vehicle park, as well as the higher average number of miles travelled per light vehicle in the US.

However, through 2021, aftermarket brake parts demand in Mexico will grow at the fastest rate from a relatively small base. Factors buoying demand in Mexico include:

• the advanced age of the country’s light vehicle park, increasing the likelihood that long-lasting brake system components will need to be repaired or replaced
• above average gains in the number of light vehicles in use

Shoes, pads, & linings to dominate

Brake shoes, pads, and linings account for the largest single share of regional automotive aftermarket brake part demand and will register the biggest gains through 2021 in value terms. These are wear parts that must be replaced regularly, boosting aftermarket product requirements. Rising raw materials costs have been offset somewhat by increased use of lower-priced imports. A trend away from the installation of brake drums by OEMs will lead to a shift in the product mix, dampening replacement demand for brake shoes and drums but boosting sales of disc brake pads, linings, and rotors.

Study coverage

This Freedonia industry study details the North American automotive brakes aftermarket. It presents historical demand data (2006, 2011, 2016) plus forecasts (2021) by country (US, Canada, Mexico), product (shoes, pads and linings; rotors, cylinders and calipers, drums, ABS-related parts, other) and performer (professional, consumer/DIY). In addition, the study evaluates company market share and offers analysis on industry competitors including Akebono Brake Industry, Brembo, Brake Parts, CARDONE, Continental, CWD (Centric Parts), Federal-Mogul, MAT Holdings, and Power Stop.
The North American aftermarket for brake parts is dominated by the $3.3 billion US market, which accounted for 87% of overall sales in 2016. The US market is huge and well established due to its large light vehicle park, and demand will advance at the slowest rate among North American nations through 2021.

Mexico constituted the second largest North American aftermarket for brake parts in 2016, with $290 million in sales or 7.7% of the regional total. Through 2021, product demand in Mexico is expected to rise at the fastest rate among North American countries. The Mexican light vehicle park is much older, on average, than those of the US and Canada, boosting replacement brake part sales in the nation. Lax regulation of hazardous materials in brake components in Mexico will promote an ongoing trend toward increased use of cheap imports from the Asia/Pacific region, reducing replacement intervals due to their lesser quality and durability.

Canada represented the smallest automotive brake parts aftermarket in North America in 2016, with US$215 million in sales or 5.7% of all regional demand. A total ban on asbestos and asbestos-containing products by year-end 2018 will boost dollar sales gains through 2021. The aftermarket brake parts aftermarket brake % professional aftermarket brake parts after 2006-11 11-16 16-21 6-21 million.

Both Canada and Mexico saw the value of their currencies fall compared to the US dollar during the 2011-2016 period, causing a drop in US dollar denominated after after 2006-11 11-16 16-21 million. When measured in local currency, sales have increased in all three regions through 2021.

### Table 4-4 | Brake Shoe, Pad, & Lining Aftermarket in North America, 2006 - 2021 (million dollars)

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<thead>
<tr>
<th>Item</th>
<th>2006</th>
<th>2011</th>
<th>2016</th>
<th>2021</th>
<th>06-11</th>
<th>11-16</th>
<th>16-21</th>
<th>% Compound Annual Growth</th>
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<tbody>
<tr>
<td>Total Shoe, Pad, &amp; Lining Demand</td>
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Source: The Freedonia Group

### Table 4-4 | Brake Parts Aftermarket in Mexico by Product, 2006 - 2021 (million dollars)

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<tr>
<th>Item</th>
<th>2006</th>
<th>2011</th>
<th>2016</th>
<th>2021</th>
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<th>% Compound Annual Growth</th>
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<td>Light Vehicles in Use (mil)</td>
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<td>Shoes, Pads, &amp; Linings</td>
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<td>Cylinders &amp; Calipers</td>
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<td>ABS-Related Parts</td>
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<td>Mexico Brake Parts Aftermarket (mil pesos)</td>
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</table>

Source: The Freedonia Group

### Table 5-2 | Professional Automotive Brake Parts Aftermarket in North America by Performer, 2006 - 2021 (million dollars)

<table>
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<th>2016</th>
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<td>Light Vehicles in Use (mil)</td>
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<td>Professional Brake Parts Aftermarket</td>
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Source: The Freedonia Group
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Study #3512
April 2017
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Related Studies

Automotive Aftermarket for Powertrain Components in North America
North American aftermarket sales of automotive powertrain (engine, transmission, and drivetrain) components is forecast to advance 1.8% per year through 2021. Despite higher rates of expansion in Mexico and Canada, the US will still account for 75% of regional sales advances. Transmissions and related parts will dominate product demand. This study offers historical data plus forecasts for 2021 for demand by product, performer and country in North America. The study details the industry structure, evaluates company market share and lists industry players.
#3505................ March 2017 .................. $4900

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 (ICE) & 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 in 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 and lists industry competitors.
#3481............... January 2017 ............... $6400

World Abrasives
Global demand for abrasives is forecast to rise 4.4 percent per year to $40.8 billion in 2020. The world’s four fastest growing markets for abrasives over the 2015-2020 period will be the Asian countries of China, India, Indonesia and Thailand, though regional gains will be blunted by a sluggish outlook in Japan. This study details the $33 billion global market for abrasives, providing forecasts for 2020 and 2025 for supply and demand, as well as by market and product, in 6 regions and 23 countries. The study also evaluates market share and profiles global industry players.
#3428.................June 2016 ................. $6000

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• 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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