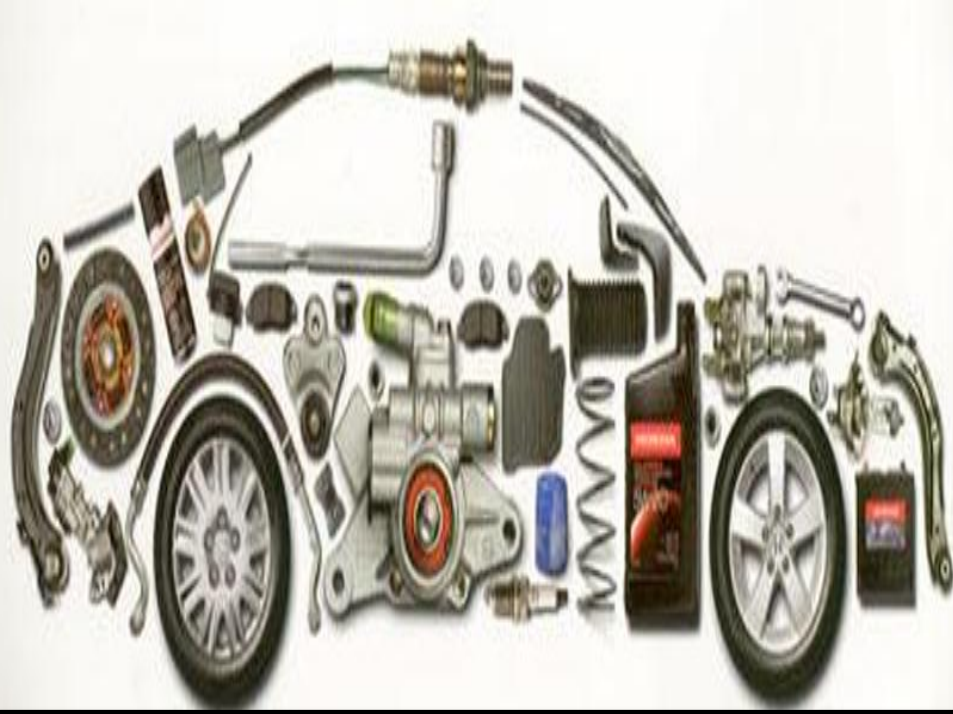




Manufacturing of Engine Parts, Piston, Pin, Piston Ring, Valve, Control Cable, Engine Mounting, Auto Lock, Disc Brake, Drum, Gear, Leaf Spring, Shock Absorber, Silencer, Chain, Cylinder Block, Chassis, Battery, Tyre & Flaps.

Automotive Parts Manufacturing Industry.

Production of Automobile Components



Introduction

Fastest growing major economy in the world with GDP growth rate of above 7%.A growing working population and an expanding middle-class are expected to remain key demand drivers. The growth of global Original Equipment Manufacturers (OEMs) sourcing from India and the increased indigenization of global OEMs is turning the country into a preferred designing and manufacturing base.

Indian Automobile industry is flourishing its twigs worldwide and is close to a fruition of triumph in the global competition.

The spine of the industry is its suppliers of auto components and accessories which is also an exclusive industrial segment. Today auto industry is enjoying the benefits while the auto component sector is in its gloom despite of hard efforts of survival. The domestic automobile component industry is expected to grow by 9-11% during FY18 driven by robust growth in domestic passenger vehicles (PV) and two-wheelers segment as well as stable replacement demand. The revenue growth will be also be supported by steady increase in commodity prices and consequent impact on realization.

The growth in the auto component industry will be relatively higher than the underlying growth in the automotive industry in the medium to long term, due to increasing localization by original equipment manufacturers (OEM) s, higher component content per vehicle and rising exports from India.

The auto-components industry accounts for almost seven per cent of India's Gross Domestic Product (GDP) and employs as many as 25 million people, both directly and indirectly. The Indian auto-components industry can be broadly classified into the organised and unorganised sectors. The Indian auto-components industry has experienced healthy growth over the last few years. Some of the factors attributable to this include: a buoyant end-user market, improved consumer sentiment and return of adequate liquidity in the financial system.

The auto components industry accounts for almost seven per cent of India's gross domestic product (GDP) and employs as many as 19 million people, both directly and indirectly.

A stable government framework, increased purchasing power, large domestic market, and an ever increasing development in infrastructure. India has been an upcoming hub for the auto components industry. The rapidly growing end user market, redesigned consumer sentiment and a clear liquidity in the financial system are said to be the drivers for this.

The Indian auto components industry has been experiencing a healthy growth over the last few decades. Some of the factors attributable to this include: a buoyant end-user market, improved consumer sentiment and return of adequate liquidity in the financial system.

The Automobile market is fast evolving into a competitive and increasingly sophisticated arena. The needs of the customers are being met with greater efficiency and customization. Almost all the major Global players in the Automobile and auto-components industry are setting up manufacturing plants in India to meet the domestic as well as global demand.

The Indian auto-components industry has been experiencing a healthy growth over the last few decades. Some of the factors attributable to this include: a buoyant end-user market, improved consumer sentiment and return of adequate liquidity in the financial system.

Component Industry's Performance in FY 2015-16

Indian Auto Component industry: 2015-2016

Turnover	Rs 255,600 crore / US\$ 39 billion
Contribution to GDP	2.30%
Foreign Exchange Earnings/ Exports	Rs 70,900 crore/ US\$ 10.81 billion
Share of India's Exports	4.00%
Domestic Aftermarket	Rs 44 crore/ US\$ 6.8 billion
Investments	US\$ 0.44-0.66 billion
Direct Employment	1.5 million

Exports in 2016-17 were at 73,128 crore as against 70,916 crore in the previous year, up 3.1%. Imports decreased by 0.1% to 90,662 crore last fiscal as against 90,571 in 2015-16.

Growing demand for vehicles in the country can be attributed to increasing population base and rising purchasing power of the people. Moreover, India is a prominent exporter of automobiles to various countries across the globe. As a result of rising demand for automobiles from domestic as well as international markets, demand for automotive components in India is expected to grow during the forecast period.

Over the last decade, the automotive components industry has scaled three times to US\$ 39 billion in 2015-16 while exports have grown ever faster to US\$10.8 billion. The Indian auto-components industry is expected to register a turnover of US\$ 100 billion by 2020 backed by strong exports ranging between US\$ 80- US\$ 100 billion by 2026.

The global auto component market experienced moderate growth over the last five years and is expected to continue its growth momentum reaching approximately \$730.8 billion in 2017 with a CAGR of 3.2% over next five years (2012-2017).

Global Auto Parts Manufacturing Market Value, By Component Type, 2017 (US\$ Mn)

CAGR of **3.6%**
(2017-2025)

164,209.6

(US\$ Mn)

Engine Comp.



XX.X Underbody Comp



XX.X Cooling System



XX.X Lighting Comp.



XX.X Battery



XX.X Automotive Filter

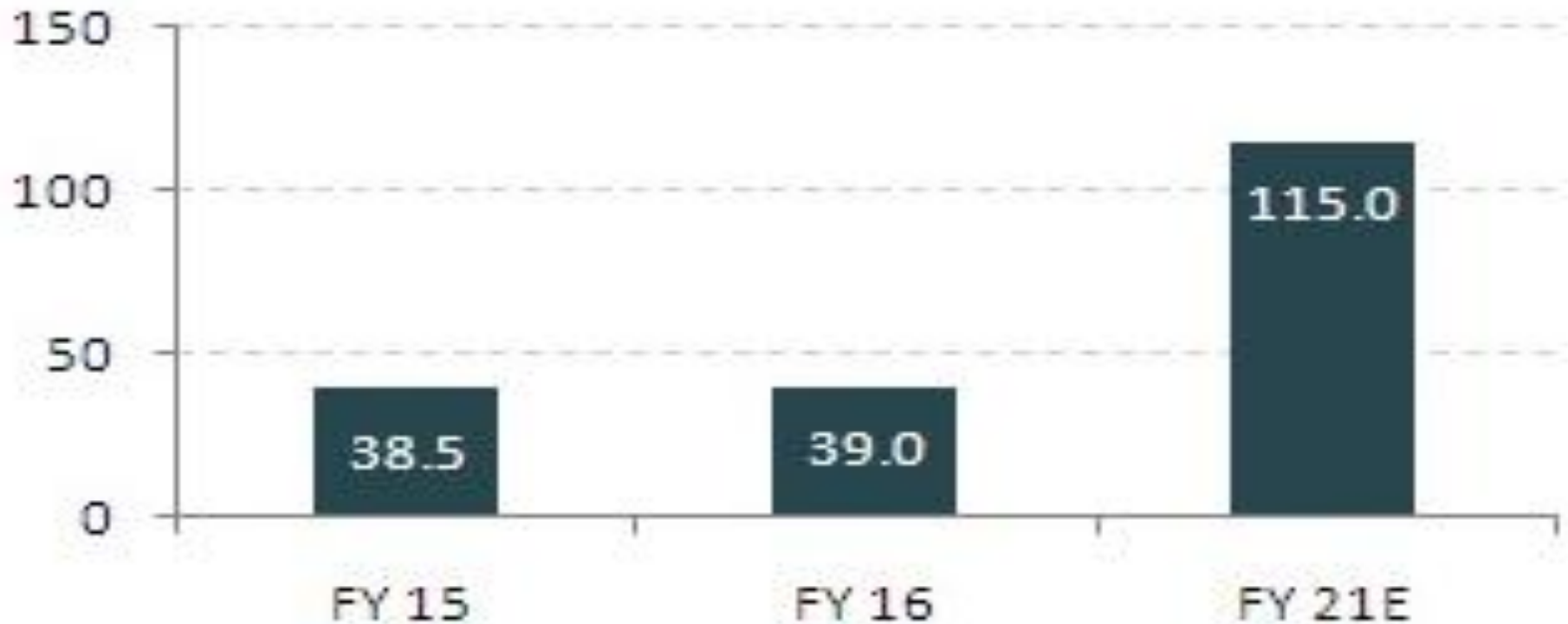


XX.X Electrical Comp.



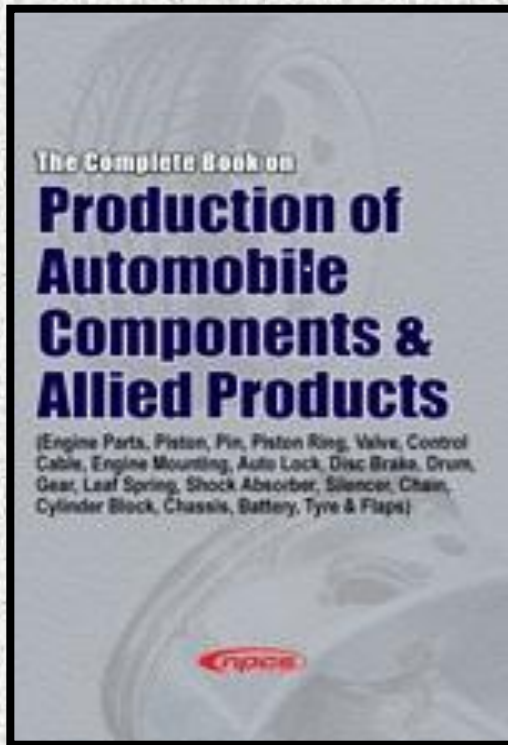
The global auto component market is a highly diversified sector that involves engine and auto component manufacturers, including aftermarket parts manufacturers, suppliers, dealers, and retailers. The manufacturing of auto components is gradually shifting toward Asian countries such as China, India, and others because of higher market potential and the low-cost manufacturing options available. In China and India, OEMs are focused on helping the suppliers improve and grow their businesses. Strong growth in the industry has attracted a pool of companies, including major foreign companies, to operate in China's auto component market. The growing importance of electronics and functional integration of green components and sustainable products will drive growth in the industry.

Domestic Market Potential (US\$ Billion)



The Complete Book on Production of Automobile Components & Allied Products

***(Engine Parts, Piston, Pin, Piston Ring, Valve, Control Cable, Engine Mounting, Auto Lock,
Disc Brake, Drum, Gear, Leaf Spring, Shock Absorber, Silencer, Chain, Cylinder Block,
Chassis, Battery, Tyre & Flaps)***



About the Book

Author:	B.P. Bhardwaj
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Publisher:	Niir Project Consultancy Services

The rapid urbanization, coupled with an overwhelming growth in the middle class population, has created a market that is extremely conducive for the automobile industry to flourish. It is inferred from the demand, the investment in the automobile industry is estimated at over hundredths of billions in the vehicles and auto components segment. The auto market is thought to be made primarily of automakers, but auto parts makes up another lucrative sector of the market. The major areas of auto parts manufacturing are: Original Equipment Manufacturers (OEMs) - The big auto manufacturers do produce some of their own parts, but they can't produce every part and component that goes into a new vehicle; Replacement Parts Production and Distribution - These are the parts that are replaced after the purchase of a vehicle.

The book provides a characterization of vehicles, including structure, load, fuel used, requirement of various components, fabrication and so on. It will prove to be a layman's guide and is highly recommended to entrepreneurs, existing units who wants to diversify in production of automobile and allied products, research centers, professionals and libraries, as it contains information related to manufacturing of integral parts of an automobile and practices followed in the finishing of the products.

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Basecoats
Powder Coatings and Aqueous Slurries
Aqueous Powder Slurries
Solid Colour Basecoats
Clearcoats
Pigmentation
Painting of Plastics
Electrodeposition and Spray Application

Tags

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Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation



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