

Automotive Actuators Market, Global Forecast, Impact of COVID-19, Industry Trends, by Application, Growth, Opportunity Company Analysis

<https://marketpublishers.com/r/A283E1E72FDDEN.html>

Date: August 2021

Pages: 125

Price: US\$ 2,290.00 (Single User License)

ID: A283E1E72FDDEN

Abstracts

Automotive actuators are the type of transducers that convert energy into motion. The automotive actuators can control a range from a simple switch to high power hydraulic devices and valves in an automotive. They effectively manage different mechanisms in vehicles, such as applying breaks, controlling doors and lighting. Moreover, with advancements in technology, automotive actuators are being considered the backbone of reducing road fatalities. By application, automotive actuators are readily being used as throttle actuators, seat adjustment actuators, brake actuators, and closer actuators in numerous vehicle types such as light commercial vehicles, passenger vehicles, and heavy commercial vehicles. These vehicles are expected to install various actuators to enhance safety and comfort. According to the Renub Research, the Global Automotive Actuators Market was US\$ 19.65 Billion in 2020.

In addition, Hydraulic, Electric and Pneumatic are the by type variants in which the automotive actuators market has been classified. In recent years, globally, electric actuators have replaced hydraulic and pneumatic actuators due to lower noise emission, compact and lightweight design, and flexible installation alternatives. Comfort features have become a global requirement in the passenger vehicle, and OEMs are investing the best possible efforts to enhance the driving experience by installing various actuators. Furthermore, in light commercial vehicles, passenger vehicles, and heavy commercial vehicles, electric actuators are widely used in comfort-feature actuators such as window lift drive, power tailgate drive, seat drive, and sunroof drive, among others. Notwithstanding, the leading automotive actuators manufacturers such as Robert Bosch GmbH, Continental, and Johnson Electric provide electric actuators. As per our analysis, the Worldwide Automotive Actuators Industry is projected to grow at a CAGR of 9.68% in the 2020-2027 periods.

Geographically, the Global Automotive Actuators Market exists in North America, Europe, Asia Pacific, Latin America and Middle East & Africa. The availability of inexpensive labour and raw material in the Asia-Pacific and the increasing number of local manufacturers are expected to propel the market during the forecast period in the region. In addition, China, the world's largest vehicle manufacturer, is expected to be a driving factor for this market in the Asia-Pacific region. Moreover, China's potential to produce automotive components in large volumes at a lower cost provides it with a competitive edge over other countries. As per our estimation, the Global Automotive Actuators Market Size is projected to reach US\$ 37.52 Billion by 2027.

Key players operating in the market comprise Robert Bosch GmbH, Nidec Corporation, Denso Corporation, Johnson Electric and Mitsubishi Electric Corporation. These companies have strong distribution chains at a global level. Additionally, these companies offer an extensive product range in this market. These companies adopt new product developments, collaborations, and contracts & agreements to sustain their market position.

How has COVID-19 affected the market?

The current COVID-19 outbreak that has majorly impacted several countries has severely affected the automation industry. The global impact of COVID-19 has been unprecedented and staggering, with actuators witnessing a negative demand shock across all regions amid the pandemic. Moreover, the large companies are suffering significant losses due to the country-wise lockdown. Before the pandemic, investments in the automation sector have been slow and anticipated to be postponed or held for almost a year.

Renub Research latest report titled "Global Automotive Actuators Market by Actuator Types (Hydraulic Actuator, Electric Actuator and Pneumatic Actuator), Vehicle Types (Light Commercial Vehicle, Passenger Vehicle and Heavy Commercial Vehicle); Application (Throttle Actuator, Seat Adjustment Actuator, Brake Actuator, Closer Actuator and Others), Region (North America, Europe, Asia Pacific, Middle East, Latin America & Africa), Company (Robert Bosch GmbH, Nidec Corporation, Denso Corporation, Johnson Electric and Mitsubishi Electric Corporation)' provides a detailed analysis of Global Automotive Actuators Market.

Actuator Types – Automotive Actuators Market has been covered from 3 viewpoints:

1. Hydraulic Actuator
2. Electric Actuator
3. Pneumatic Actuator

Vehicle Types – Automotive Actuators Market has been covered from 3 viewpoints:

1. Light Commercial Vehicle
2. Passenger Vehicle
3. Heavy Commercial Vehicle

Application – Automotive Actuators Market has been covered from 5 viewpoints:

1. Throttle Actuator
2. Seat Adjustment Actuator
3. Brake Actuator
4. Closer Actuator
5. Others

Region – Automotive Actuators Market has been covered from 5 viewpoints:

1. North America
2. Europe
3. Asia Pacific
4. Latin America
5. Middle East & Africa

All the Companies have been covered from 3 viewpoints:

Company Overview

Recent Development

Financial Insight

Companies Covered:

1. Robert Bosch GmbH
2. Nidec Corporation

3. Denso Corporation
4. Johnson Electric
5. Mitsubishi Electric Corporation

Contents

1. INTRODUCTION

2. RESEARCH & METHODOLOGY

3. EXECUTIVE SUMMARY

4. MARKET DYNAMICS

4.1 Growth Drivers

4.2 Challenges

5. GLOBAL AUTOMOTIVE SEAT MARKET

6. MARKET SHARE - GLOBAL AUTOMOTIVE SEAT ANALYSIS

6.1 By Material

6.2 By Seat Type

6.3 By Energy Source

6.4 By Vehicle Type

6.5 By Technology

6.6 By Region

7. MATERIAL - GLOBAL AUTOMOTIVE SEAT MARKET

7.1 Fabric

7.2 Synthetic Leather

7.3 Genuine Leather

8. SEAT TYPE - GLOBAL AUTOMOTIVE SEAT MARKET

8.1 Bucket

8.2 Bench

8.3 Others

9. ENERGY SOURCE - GLOBAL AUTOMOTIVE SEAT MARKET

- 9.1 Gasoline
- 9.2 Diesel
- 9.3 Electric
- 9.4 LPG

10. VEHICLE TYPE - GLOBAL AUTOMOTIVE SEAT MARKET

- 10.1 Small Cars
- 10.2 Pickups
- 10.3 Compact Cars
- 10.4 MPVs
- 10.5 Large Cars
- 10.6 Mid Size Cars
- 10.7 HCVs
- 10.8 SUVs & Crossovers
- 10.9 Others

11. TECHNOLOGY - GLOBAL AUTOMOTIVE SEAT MARKET

- 11.1 Powered Seats
- 11.2 Standard Seats
- 11.3 Ventililated Seats
- 11.4 Others

12. REGION - GLOBAL AUTOMOTIVE SEAT MARKET

- 12.1 North America
- 12.2 Europe
- 12.3 Asia Pacific
- 12.4 Middle East America
- 12.5 South America

13. COMPANY ANALYSIS

- 13.1 Toyota boshoku
 - 13.1.1 Overview
 - 13.1.2 Recent Development
 - 13.1.3 Revenue
- 13.2 Faurecia

- 13.2.1 Overview
- 13.2.2 Recent Development
- 13.2.3 Revenue
- 13.3 Magna International, Inc.
 - 13.3.1 Overview
 - 13.3.2 Recent Development
 - 13.3.3 Revenue
- 13.4 Lear Corporation
 - 13.4.1 Overview
 - 13.4.2 Recent Development
 - 13.4.3 Revenue
- 13.5 Johnson Controls
 - 13.5.1 Overview
 - 13.5.2 Recent Development
 - 13.5.3 Revenue
- 13.6 Grammer AG
 - 13.6.1 Overview
 - 13.6.2 Recent Development
 - 13.6.3 Revenue

List Of Figures

LIST OF FIGURES:

- Figure-01: Global Automotive Seat Market (Million US\$), 2016 – 2020
- Figure-02: Forecast for – Global Automotive Seat Market (Million US\$), 2021 – 2027
- Figure-03: Material – Fabric Market (Million US\$), 2016 – 2020
- Figure-04: Material – Forecast for Fabric Market (Million US\$), 2021 – 2027
- Figure-05: Material – Synthetic Leather Market (Million US\$), 2016 – 2020
- Figure-06: Material – Forecast for Synthetic Leather Market (Million US\$), 2021 – 2027
- Figure-07: Material – Synthetic Genuine Market (Million US\$), 2016 – 2020
- Figure-08: Material – Forecast for Genuine Leather Market (Million US\$), 2021 – 2027
- Figure-09: Seat Type – Bucket Market (Million US\$), 2016 – 2020
- Figure-10: Seat Type – Forecast for Bucket Market (Million US\$), 2021 – 2027
- Figure-11: Seat Type – Bench Market (Million US\$), 2016 – 2020
- Figure-12: Seat Type – Forecast for Bench Market (Million US\$), 2021 – 2027
- Figure-13: Seat Type – Synthetic Genuine Market (Million US\$), 2016 – 2020
- Figure-14: Seat Type – Forecast for Others Market (Million US\$), 2021 – 2027
- Figure-15: Energy Source – Gasoline Market (Million US\$), 2016 – 2020
- Figure-16: Energy Source – Forecast for Gasoline Market (Million US\$), 2021 – 2027
- Figure-17: Energy Source – Diesel Market (Million US\$), 2016 – 2020
- Figure-18: Energy Source – Forecast for Diesel Market (Million US\$), 2021 – 2027
- Figure-19: Energy Source – Electric Market (Million US\$), 2016 – 2020
- Figure-20: Energy Source – Forecast for Electric Market (Million US\$), 2021 – 2027
- Figure-21: Energy Source – LPG Market (Million US\$), 2016 – 2020
- Figure-22: Energy Source – Forecast for LPG Market (Million US\$), 2021 – 2027
- Figure-23: Vehicle Type – Small Cars Market (Million US\$), 2016 – 2020
- Figure-24: Vehicle Type – Forecast for Small Cars Market (Million US\$), 2021 – 2027
- Figure-25: Vehicle Type – IT Market (Million US\$), 2016 – 2020
- Figure-26: Vehicle Type – Forecast for IT Market (Million US\$), 2021 – 2027
- Figure-27: Vehicle Type – Compact Cars Market (Million US\$), 2016 – 2020
- Figure-28: Vehicle Type – Forecast for Compact Cars Market (Million US\$), 2021 – 2027
- Figure-29: Vehicle Type – MPVs Market (Million US\$), 2016 – 2020
- Figure-30: Vehicle Type – Forecast for MPVs Market (Million US\$), 2021 – 2027
- Figure-31: Vehicle Type – Synthetic Leather Cars Market (Million US\$), 2016 – 2020
- Figure-32: Vehicle Type – Forecast for Synthetic Leather Cars Market (Million US\$), 2021 – 2027
- Figure-33: Vehicle Type – Mid Size Cars Market (Million US\$), 2016 – 2020

Figure-34: Vehicle Type – Forecast for Mid Size Cars Market (Million US\$), 2021 – 2027

Figure-35: Vehicle Type – HCVs Market (Million US\$), 2016 – 2020

Figure-36: Vehicle Type – Forecast for HCVs Market (Million US\$), 2021 – 2027

Figure-37: Vehicle Type – SUVs & Crossovers Market (Million US\$), 2016 – 2020

Figure-38: Vehicle Type – Forecast for SUVs & Crossovers Market (Million US\$), 2021 – 2027

Figure-39: Vehicle Type – Others Market (Million US\$), 2016 – 2020

Figure-40: Vehicle Type – Forecast for Others Market (Million US\$), 2021 – 2027

Figure-41: Technology – Powered Seats Market (Million US\$), 2016 – 2020

Figure-42: Technology – Forecast for Powered Seats Market (Million US\$), 2021 – 2027

Figure-43: Technology – Standard Seats Market (Million US\$), 2016 – 2020

Figure-44: Technology – Forecast for Standard Seats Market (Million US\$), 2021 – 2027

Figure-45: Technology – Ventililated Seats Market (Million US\$), 2016 – 2020

Figure-46: Technology – Forecast for Ventililated Seats Market (Million US\$), 2021 – 2027

Figure-47: Technology – Others Market (Million US\$), 2016 – 2020

Figure-48: Technology – Forecast for Others Market (Million US\$), 2021 – 2027

Figure-49: North America – Automotive Seat Market (Million US\$), 2016 – 2020

Figure-50: North America – Forecast for Automotive Seat Market (Million US\$), 2021 – 2027

Figure-51: Europe – Automotive Seat Market (Million US\$), 2016 – 2020

Figure-52: Europe – Forecast for Automotive Seat Market (Million US\$), 2021 – 2027

Figure-53: Asia Pacific – Automotive Seat Market (Million US\$), 2016 – 2020

Figure-54: Asia Pacific – Forecast for Automotive Seat Market (Million US\$), 2021 – 2027

Figure-55: Middle East & Africa – Automotive Seat Market (Million US\$), 2016 – 2020

Figure-56: Middle East & Africa – Forecast for Automotive Seat Market (Million US\$), 2021 – 2027

Figure-57: South America – Automotive Seat Market (Million US\$), 2016 – 2020

Figure-58: South America – Forecast for Automotive Seat Market (Million US\$), 2021 – 2027

Figure-59: Toyota boshoku – Global Revenue (Million US\$), 2016 – 2020

Figure-60: Toyota Boshoku – Forecast for Global Revenue (Million US\$), 2021 – 2027

Figure-61: Faurecia – Global Revenue (Million US\$), 2016 – 2020

Figure-62: Faurecia – Forecast for Global Revenue (Million US\$), 2021 – 2027

Figure-63: Magna International, Inc. – Global Revenue (Million US\$), 2016 – 2020

Figure-64: Magna International, Inc. – Forecast for Global Revenue (Million US\$), 2021 – 2027

Figure-65: Lear Corporation – Global Revenue (Million US\$), 2016 – 2020

Figure-66: Lear Corporation – Forecast for Global Revenue (Million US\$), 2021 – 2027

Figure-67: Johnson Controls – Global Revenue (Million US\$), 2016 – 2020

Figure-68: Johnson Controls – Forecast for Global Revenue (Million US\$), 2021 – 2027

Figure-69: Grammer AG – Global Revenue (Million US\$), 2016 – 2020

Figure-70: Grammer AG – Forecast for Global Revenue (Million US\$), 2021 – 2027

List Of Tables

LIST OF TABLES:

Table-01: Global – Automotive Seat Market Share by Material (Percent), 2016 – 2020

Table-02: Global – Forecast for Global Automotive Seat Market Share by Material (Percent), 2021 – 2027

Table-03: Global – Automotive Seat Market Share by Seat Type (Percent), 2016 – 2020

Table-04: Global – Forecast for Global Automotive Seat Market Share by Seat Type (Percent), 2021 – 2027

Table-05: Global – Automotive Seat Market Share by Energy Source (Percent), 2016 – 2020

Table-06: Global – Forecast for Global Automotive Seat Market Share by Energy Source (Percent), 2021 – 2027

Table-07: Global – Automotive Seat Market Share by Vehicle Type (Percent), 2016 – 2020

Table-08: Global – Forecast for Global Automotive Seat Market Share by Vehicle Type (Percent), 2021 – 2027

Table-09: Global – Automotive Seat Market Share by Technology (Percent), 2016 – 2020

Table-10: Global – Forecast for Global Automotive Seat Market Share by Technology (Percent), 2021 – 2027

Table-11: Global – Automotive Seat Market Share by Region (Percent), 2016 – 2020

Table-12: Global – Forecast for Global Automotive Seat Market Share by Region (Percent), 2021 – 2027

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