Automotive Air Suspension System Market Information Report, By Technology (Manual Air Suspension and Electronic Air Suspension), By Component (Shock Absorber, Air Spring, Air Compressor, Air Reservoir, Height Sensor, Electric Control Unit, Others), By Vehicle Type (Passenger Car and Commercial Vehicle), and By Region.

Market Scenario:

Air suspension is powered by electric-driven air pump or through compressor. The compressor pumps the air in the air bag system, also called bellows that is usually made of textile-reinforced rubber. The pressure created by the air, raises the chassis from the vehicle axle to provide comfort ride. Air suspension is generally used in place of conventional suspension, which is made up of steel springs in the passenger and commercial vehicles. Air suspension is generally used in buses, trucks, and others to provide smooth, quality ride to the passengers. Air suspension, in newer vehicles, has better efficiency and easier installation than the conventional suspension systems. In the air suspension system, air bags replace the coil springs to provide better ride quality.

The major factors responsible for the growth of automotive air suspension system market are inclination of consumers towards latest technology, and increase in the disposable income. Growing demand for luxury cars, and increase in the production of both, passenger car and commercial vehicles, also add to the market growth. The preference of latest technology, among consumers, is expected to drive the growth of automotive air suspension system market during the forecast period. Consumers are preferring to install latest technology products in their vehicle, to have a quality ride. The adoption of air suspension system in the vehicles, will enable the passengers to have a quality and comfort ride, which will increase then demand for the system. People are moving towards buying premium cars to have all the safety features and quality ride. The increase in demand for the cabin comfort, better control and stability of the vehicle will result in the growth of the automotive air suspension system market in future. The increase in purchasing power of the consumer will enable the major automotive manufacturer to adopt latest technologies in the premium cars. The increase purchasing power will result in the growth of the market in future.

Automotive air suspension system market is segmented based on technology, components, and vehicle type. On the basis of technology, the market has been segmented as manual air suspension, and electronic air suspension. The manual air suspension segment is expected to hold the largest share in the market due to increased use of manual air suspension in the commercial vehicles. The increased use of manual air suspension, will result in the growth of the segment in the future. However electronic air suspension system is expected to grow at the highest CAGR because it provides variable-height suspension for on and off road application. The height is controlled automatically, depending on the speed of the vehicles. On the basis of components, the market is segmented as shock absorber, air spring, air compressor, air reservoir, height sensor, electric control unit, others. Shock absorber segment is expected to dominate the automatic air suspension system market because it improves the ride for the passenger. Their main purpose is to absorb energy so as to provide a comfort ride to the passenger. It is a mechanical device that is used to absorb shock impulses. It converts kinetic energy in another form of energy typically in heat form. The increased use of shock absorbers will result in the growth of the market in the future.
Automotive Air Suspension System Market Segmentation:

- **BY TECHNOLOGY**
  - Manual Air Suspension
  - Electronic Air Suspension

- **BY COMPONENT**
  - Shock Absorber
  - Air Spring
  - Air Compressor
  - Air Reservoir
  - Height Sensor
  - Electric Control Unit
  - Others

- **BY VEHICLE Type**
  - Passenger Car
  - Commercial Vehicle

- **BY REGIONS**
  - North America
  - Europe
  - Asia-Pacific
  - Rest of the world

On the basis of region, the market is segmented into North America, Asia Pacific, Europe, and Rest of the World. Asia Pacific region is expected to dominate the market in future because of increased demand of air suspension system in commercial vehicles in emerging nations such as India, China, and Japan. The increase in the disposable income in Asia Pacific is also expected to drive the market. The increase in the disposable income will result in the growing sale of passenger and commercial vehicles, which will indirectly result in the growth of the market. North America is expected to be the second largest market in future due to increase demand for premium cars. The growing demand for premium cars will result in growing installation of air suspension in the vehicle. The increase in installation of air suspension in the vehicle, will drive the air suspension system market in North America.

**Key Players:**

The key players in automotive air suspension system market are Continental Ag (Germany), Hitachi, Ltd. (Japan), ThyssenKrupp Ag (Germany), Wabco Holdings Inc. (Belgium), Dunlop Systems And Components Ltd. (U.K.), Accuair Suspension (California), Firestone Industrial Products (U.S.), Hendrickson International Corporation (U.S.), Beijing West Industries Co., Ltd. (China), Mando Corporation (South Korea), ZF Friedrichshafen (Germany), LORD Corporation (U.S.), Volvo (Sweden), Air Lift Company (Michigan), and VB-Airsuspension (Netherlands).

The report for Global Automotive Air Suspension System Market of Market Research Future comprises of extensive primary research along with the detailed analysis of qualitative as well as quantitative aspects by various industry experts, key opinion leaders to gain the deeper insight of the market and industry performance. The report gives the clear picture of current market scenario which includes historical and projected market size in terms of value and volume, technological advancement, macro economical and governing factors in the market. The report provides details information and strategies of the top key players in the industry. The report also gives a broad study of the different market segments and regions.
2.1 MARKET DEFINITION
2.2 SCOPE OF THE STUDY
2.2.1 DEFINITION
2.2.2 RESEARCH OBJECTIVE
2.2.3 ASSUMPTIONS
2.2.4 LIMITATIONS
2.3 RESEARCH PROCESS
2.3.1 PRIMARY RESEARCH
2.3.2 SECONDARY RESEARCH
2.4 MARKET SIZE ESTIMATION
2.5 FORECAST MODEL

3 MARKET LANDSCAPE
3.1 PORTER’S FIVE FORCES ANALYSIS
3.1.1 THREAT OF NEW ENTRANTS
3.1.2 BARGAINING POWER OF BUYERS
3.1.3 THREAT OF SUBSTITUTES
3.1.4 SEGMENT RIVALRY
3.1.5 BARGAINING POWER OF BUYERS
3.2 VALUE CHAIN/SUPPLY CHAIN ANALYSIS

4 MARKET DYNAMICS
4.1 INTRODUCTION
4.2 MARKET DRIVERS
4.3 MARKET RESTRAINTS
4.4 MARKET OPPORTUNITIES
4.5 MARKET TRENDS

5 GLOBAL AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET, BY TECHNOLOGY
5.1 INTRODUCTION
5.2 MANUAL AIR SUSPENSION
5.2.1 MARKET ESTIMATES & FORECAST, 2017-2023
5.2.2 MARKET ESTIMATES & FORECAST BY REGION, 2017-2023
5.3 ELECTRONIC AIR SUSPENSION
5.3.1 MARKET ESTIMATES & FORECAST, 2017-2023
5.3.2 MARKET ESTIMATES & FORECAST BY REGION, 2017-2023

6 GLOBAL AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET, BY COMPONENT
6.1 INTRODUCTION
6.2 SHOCK ABSORBER
6.2.1 MARKET ESTIMATES & FORECAST, 2017-2023
6.2.2 MARKET ESTIMATES & FORECAST BY REGION, 2017-2023
6.3 AIR SPRING
6.3.1 MARKET ESTIMATES & FORECAST, 2017-2023
6.3.2 MARKET ESTIMATES & FORECAST BY REGION, 2017-2023
6.4 AIR COMPRESSOR
6.4.1 MARKET ESTIMATES & FORECAST, 2017-2023
6.4.2 MARKET ESTIMATES & FORECAST BY REGION, 2017-2023
6.5 AIR RESERVOIR
6.5.1 MARKET ESTIMATES & FORECAST, 2017-2023
6.5.2 MARKET ESTIMATES & FORECAST BY REGION, 2017-2023
6.6 HEIGHT SENSOR
6.6.1 MARKET ESTIMATES & FORECAST, 2017-2023
6.6.2 MARKET ESTIMATES & FORECAST BY REGION, 2017-2023
6.7 ELECTRIC CONTROL UNIT
6.7.1 MARKET ESTIMATES & FORECAST, 2017-2023
6.7.2 MARKET ESTIMATES & FORECAST BY REGION, 2017-2023
6.8 OTHERS
6.8.1 MARKET ESTIMATES & FORECAST, 2017-2023
6.8.2 MARKET ESTIMATES & FORECAST BY REGION, 2017-2023

7 GLOBAL AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET, BY VEHICLE TYPE
7.1 INTRODUCTION
7.2 PASSENGER CAR
7.2.1 MARKET ESTIMATES & FORECAST, 2017-2023
7.2.2 MARKET ESTIMATES & FORECAST BY REGION, 2017-2023
7.3 COMMERCIAL VEHICLE
7.3.1 MARKET ESTIMATES & FORECAST, 2017-2023
7.3.2 MARKET ESTIMATES & FORECAST BY REGION, 2017-2023

8 GLOBAL AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET, BY REGION
8.1 INTRODUCTION
8.2 NORTH AMERICA
8.2.1 MARKET ESTIMATES & FORECAST, 2018-2023
8.2.2 MARKET ESTIMATES & FORECAST BY TECHNOLOGY, 2018-2023
8.2.3 MARKET ESTIMATES & FORECAST BY COMPONENT, 2018-2023
8.2.4 MARKET ESTIMATES & FORECAST BY VEHICLE TYPE, 2018-2023
8.2.5 THE U.S.
8.2.5.1 MARKET ESTIMATES & FORECAST, 2018-2023
8.2.5.2 MARKET ESTIMATES & FORECAST BY TECHNOLOGY, 2018-2023
8.2.5.3 MARKET ESTIMATES & FORECAST BY COMPONENT, 2018-2023
8.2.5.4 MARKET ESTIMATES & FORECAST BY VEHICLE TYPE, 2018-2023
8.2.6 CANADA
8.2.6.1 MARKET ESTIMATES & FORECAST, 2018-2023
8.2.6.2 MARKET ESTIMATES & FORECAST BY TECHNOLOGY, 2018-2023
8.2.6.3 MARKET ESTIMATES & FORECAST BY COMPONENT, 2018-2023
8.2.6.4 MARKET ESTIMATES & FORECAST BY VEHICLE TYPE, 2018-2023
8.3 EUROPE
8.3.1 MARKET ESTIMATES & FORECAST, 2018-2023
8.3.2 MARKET ESTIMATES & FORECAST BY TECHNOLOGY, 2018-2023
8.3.3 MARKET ESTIMATES & FORECAST BY COMPONENT, 2018-2023
8.3.4 MARKET ESTIMATES & FORECAST BY VEHICLE TYPE, 2018-2023
8.3.5 U.K.
8.3.5.1 MARKET ESTIMATES & FORECAST, 2018-2023
8.3.5.2 MARKET ESTIMATES & FORECAST BY TECHNOLOGY, 2018-2023
8.3.5.3 MARKET ESTIMATES & FORECAST BY COMPONENT, 2018-2023
8.3.5.5 MARKET ESTIMATES & FORECAST BY VEHICLE TYPE, 2018-2023
8.3.6 GERMANY
8.3.6.1 MARKET ESTIMATES & FORECAST, 2018-2023
8.3.6.2 MARKET ESTIMATES & FORECAST BY TECHNOLOGY, 2018-2023
8.3.6.3 MARKET ESTIMATES & FORECAST BY COMPONENT, 2018-2023
8.3.6.5 MARKET ESTIMATES & FORECAST BY VEHICLE TYPE, 2018-2023
8.3.7 FRANCE
8.3.7.1 MARKET ESTIMATES & FORECAST, 2018-2023
8.3.7.2 MARKET ESTIMATES & FORECAST BY TECHNOLOGY, 2018-2023
8.3.7.3 MARKET ESTIMATES & FORECAST BY COMPONENT, 2018-2023
8.3.7.5 MARKET ESTIMATES & FORECAST BY VEHICLE TYPE, 2018-2023
8.3.8 ITALY
8.3.8.1 MARKET ESTIMATES & FORECAST, 2018-2023
8.3.8.2 MARKET ESTIMATES & FORECAST BY TECHNOLOGY, 2018-2023
8.3.8.3 MARKET ESTIMATES & FORECAST BY COMPONENT, 2018-2023
8.3.8.5 MARKET ESTIMATES & FORECAST BY VEHICLE TYPE, 2018-2023
8.3.8 REST OF EUROPE
8.3.8.1 MARKET ESTIMATES & FORECAST, 2018-2023
8.3.8.2 MARKET ESTIMATES & FORECAST BY TECHNOLOGY, 2018-2023
8.3.8.3 MARKET ESTIMATES & FORECAST BY COMPONENT, 2018-2023
8.3.8.5 MARKET ESTIMATES & FORECAST BY VEHICLE TYPE, 2018-2023
8.4 ASIA PACIFIC
8.4.1 MARKET ESTIMATES & FORECAST, 2018-2023
8.4.2 MARKET ESTIMATES & FORECAST BY TECHNOLOGY, 2018-2023
8.4.3 MARKET ESTIMATES & FORECAST BY COMPONENT, 2018-2023
8.4.4 MARKET ESTIMATES & FORECAST BY VEHICLE TYPE, 2018-2023
8.4.5 CHINA
8.4.5.1 MARKET ESTIMATES & FORECAST, 2018-2023
8.4.5.2 MARKET ESTIMATES & FORECAST BY TECHNOLOGY, 2018-2023
8.4.5.3 MARKET ESTIMATES & FORECAST BY COMPONENT, 2018-2023
8.4.5.4 MARKET ESTIMATES & FORECAST BY VEHICLE TYPE, 2018-2023
8.4.6 JAPAN
8.4.6.1 MARKET ESTIMATES & FORECAST, 2018-2023
8.4.6.2 MARKET ESTIMATES & FORECAST BY TECHNOLOGY, 2018-2023
8.4.6.3 MARKET ESTIMATES & FORECAST BY COMPONENT, 2018-2023
8.4.6.4 MARKET ESTIMATES & FORECAST BY VEHICLE TYPE, 2018-2023
8.4.7 INDIA
8.4.7.1 MARKET ESTIMATES & FORECAST, 2018-2023
8.4.7.2 MARKET ESTIMATES & FORECAST BY TECHNOLOGY, 2018-2023
8.4.7.3 MARKET ESTIMATES & FORECAST BY COMPONENT, 2018-2023
8.4.7.4 MARKET ESTIMATES & FORECAST BY VEHICLE TYPE, 2018-2023
8.4.8 REST OF ASIA PACIFIC
8.4.8.1 MARKET ESTIMATES & FORECAST, 2018-2023
8.4.8.2 MARKET ESTIMATES & FORECAST BY TECHNOLOGY, 2018-2023
8.4.8.3 MARKET ESTIMATES & FORECAST BY COMPONENT, 2018-2023
8.4.8.4 MARKET ESTIMATES & FORECAST BY VEHICLE TYPE, 2018-2023
8.5 REST OF THE WORLD
8.5.1 MARKET ESTIMATES & FORECAST, 2018-2023
8.5.2 MARKET ESTIMATES & FORECAST BY TECHNOLOGY, 2018-2023
8.5.3 MARKET ESTIMATES & FORECAST BY COMPONENT, 2018-2023
8.5.4 MARKET ESTIMATES & FORECAST BY VEHICLE TYPE, 2018-2023
9 COMPETITIVE LANDSCAPE
10 COMPANY PROFILE
10.1 CONTINENTAL AG (GERMANY)
10.14.6 SWOT ANALYSIS
10.15 VB-AIR SUSPENSION (NETHERLANDS)
10.15.1 COMPANY OVERVIEW
10.15.2 PRODUCTS/PRODUCT OFFERING
10.15.3 FINANCIAL OVERVIEW
10.15.4 KEY DEVELOPMENTS
10.15.5 STRATEGY
10.15.6 SWOT ANALYSIS

LIST OF TABLES

TABLE 1 GLOBAL AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET: BY REGION, 2017-2023
TABLE 2 NORTH AMERICA AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET: BY COUNTRY, 2017-2023
TABLE 3 EUROPE AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET: BY COUNTRY, 2017-2023
TABLE 4 ASIA PACIFIC AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET: BY COUNTRY, 2017-2023
TABLE 5 ROW AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET: BY COUNTRY, 2017-2023
TABLE 6 GLOBAL AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET, BY TECHNOLOGY, BY REGIONS, 2017-2023
TABLE 7 NORTH AMERICA AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET, BY TECHNOLOGY, BY COUNTRY, 2017-2023
TABLE 8 EUROPE AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET, BY TECHNOLOGY, BY COUNTRY, 2017-2023
TABLE 9 ASIA PACIFIC AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET BY TECHNOLOGY, BY COUNTRY, 2017-2023
TABLE 10 ROW AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET BY TECHNOLOGY, BY COUNTRY, 2017-2023
TABLE 11 GLOBAL AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET BY COMPONENT MARKET: BY REGIONS, 2017-2023
TABLE 12 NORTH AMERICA AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET BY COMPONENT: BY COUNTRY, 2017-2023
TABLE 13 EUROPE AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET BY COMPONENT: BY COUNTRY, 2017-2023
TABLE 14 ASIA PACIFIC AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET BY COMPONENT: BY COUNTRY, 2017-2023
TABLE 15 ROW AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET BY COMPONENT: BY COUNTRY, 2017-2023
TABLE 16 GLOBAL AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET BY VEHICLE TYPE MARKET: BY REGIONS, 2017-2023
TABLE 17 NORTH AMERICA AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET BY VEHICLE TYPE: BY COUNTRY, 2017-2023
TABLE 18 EUROPE AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET BY VEHICLE TYPE: BY COUNTRY, 2017-2023
TABLE 19 ASIA PACIFIC AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET BY VEHICLE TYPE: BY COUNTRY, 2017-2023
TABLE 20 ROW AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET BY VEHICLE TYPE: BY COUNTRY, 2017-2023
TABLE 21 GLOBAL AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET: BY REGION, 2017-2023
TABLE 22 GLOBAL AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET: BY TECHNOLOGY, 2017-2023
TABLE 23 GLOBAL AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET: BY COMPONENT, 2017-2023
TABLE 24 GLOBAL AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET: BY VEHICLE TYPE, 2017-2023
TABLE 25 NORTH AMERICA AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET, BY COUNTRY
TABLE 26 NORTH AMERICA AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET, BY TECHNOLOGY
TABLE 27 NORTH AMERICA AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET, BY COMPONENT
TABLE 28 NORTH AMERICA AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET, BY VEHICLE TYPE
TABLE 29 EUROPE: AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET, BY COUNTRY
TABLE 30 EUROPE: AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET, BY TECHNOLOGY
TABLE 31 EUROPE: AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET, BY COMPONENT
TABLE 32 EUROPE: AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET, BY VEHICLE TYPE
TABLE 33 ASIA PACIFIC: AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET, BY COUNTRY
TABLE 34 ASIA PACIFIC: AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET, BY TECHNOLOGY
TABLE 35 ASIA PACIFIC: AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET, BY COMPONENT
TABLE 36 ASIA PACIFIC: AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET, BY VEHICLE TYPE
TABLE 37 ROW: AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET, BY REGION
TABLE 38 ROW AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET, BY TECHNOLOGY
TABLE 39 ROW AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET, BY COMPONENT
TABLE 40 ROW AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET, BY VEHICLE TYPE

LIST OF FIGURES

FIGURE 1 RESEARCH PROCESS OF MRFR
FIGURE 2 TOP DOWN & BOTTOM UP APPROACH
FIGURE 3 MARKET DYNAMICS
FIGURE 4 IMPACT ANALYSIS: MARKET DRIVERS
FIGURE 5 IMPACT ANALYSIS: MARKET RESTRAINTS
FIGURE 6 PORTER’S FIVE FORCES ANALYSIS
FIGURE 7 VALUE CHAIN ANALYSIS
FIGURE 8 GLOBAL AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET SHARE, BY TECHNOLOGY, 2016 (%)
FIGURE 9 GLOBAL AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET, BY TECHNOLOGY, 2015-2023 (USD MILLION)
FIGURE 10 GLOBAL AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET SHARE, BY COMPONENT, 2016 (%)
FIGURE 11 GLOBAL AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET, BY COMPONENT, 2015-2023 (USD MILLION)
FIGURE 12 GLOBAL AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET SHARE, BY VEHICLE TYPE, 2016 (%)
FIGURE 13 GLOBAL AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET, BY VEHICLE TYPE, 2015-2023 (USD MILLION)
FIGURE 14 GLOBAL AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET SHARE (%), BY REGION, 2016
FIGURE 15 GLOBAL AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET, BY REGION, 2015-2023 (USD MILLION)
FIGURE 16 NORTH AMERICA AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET SHARE (%), 2016
FIGURE 17 NORTH AMERICA AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET BY COUNTRY, 2015-2023 (USD MILLION)
FIGURE 18 EUROPE AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET SHARE (%), 2016
FIGURE 19 EUROPE AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET BY COUNTRY, 2015-2023 (USD MILLION)
FIGURE 20 ASIA PACIFIC AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET SHARE (%), 2016
FIGURE 21 ASIA PACIFIC AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET BY COUNTRY, 2015-2023 (USD MILLION)
FIGURE 22 REST OF THE WORLD AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET SHARE (%), 2016
FIGURE 23 REST OF THE WORLD AUTOMOTIVE AIR SUSPENSION SYSTEM MARKET BY COUNTRY, 2015-2023 (USD MILLION)