



HEAVY-DUTY
REPLACEMENT PRODUCTS:
Air Springs, Tensioners, Belts and Hose

Super-Cushion®

AIR SPRINGS FOR TRUCKS, TRAILERS AND BUSES

Give your trucks, trailers and buses a new high in productivity and longer life with Super-Cushion® air springs. They offer a quiet, cushioned ride and greater comfort, which allows the driver to stay more alert and less fatigued. Truck, trailer and bus bodies last longer because there is less vibration than experienced with steel springs. Plus, cargo has better protection from shock and vibration.

When used with leveling valves, Super-Cushion® air springs maintain consistent trim regardless of the load. That means clearance heights remain constant, and trailer floors are flush with loading dock floors. Whenever you want to add an axle, Super-Cushion® air springs fit right in.

Choose Goodyear Engineered Products Super-Cushion® air springs for driver comfort, load cushioning, and longer life for your trucks, trailers, buses, and cab and seat springs.



Air Suspension Features and Benefits

A greater level of isolation:

- Reduces cab and body damage
- Reduces downtime, driver fatigue, and extends trailer life

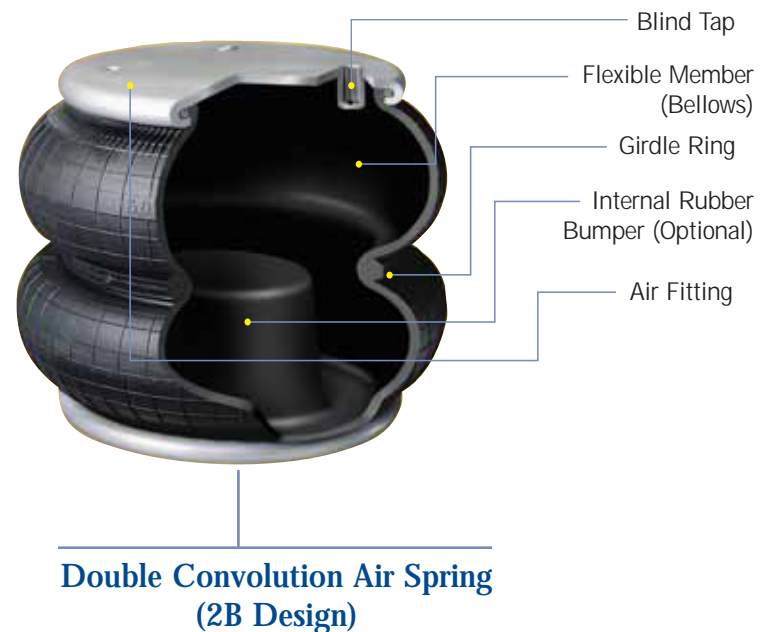
For the owner-operator, air suspension:

- Improves isolation in both loaded and unloaded conditions
- Broadens types of load available for transport
- Provides greater driver comfort
- Increases resale value

Reasons for increased air suspension usage:

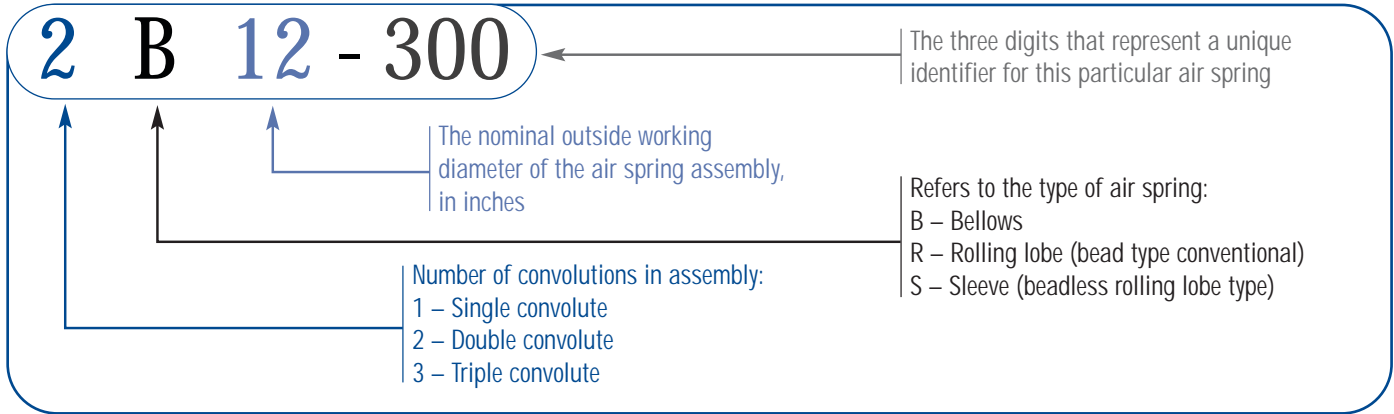
- Suspension manufacturers have built in a greater degree of durability and longer warranty periods
- Increased need for greater axle excursion

Components of Goodyear Engineered Products Super-Cushion® Air Springs



Product Identification System

Elements of the part identification system are shown in the following example for ordering an assembly with the part number 2B12-300.



How to Identify an Air Spring

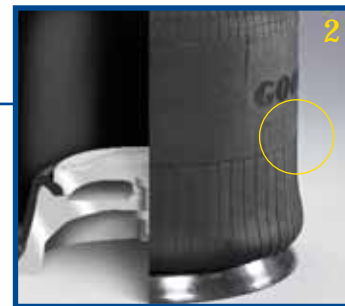
Step 1

The original equipment or aftermarket number is affixed to the top plate of the air spring assembly. Then just double-check the product photo in the main body of the Goodyear Engineered Products catalog. **If this number is unknown due to wear on the sticker or other reasons, refer to steps 2 through 6.**



Step 2

Begin your search with the flexible members number, which is molded into the rubber part of the air spring. Now you can narrow down the choices in the Flexible Members Index section of catalog #719-99.



Step 3

Measure the width of the top plate, making a note of the bolt pattern or taps.



Step 4

Measure the width of the piston or bottom bead plate, making a note of the bolt pattern or taps. Be sure to note how the bolt pattern is oriented compared to the bolt on the top plate (incline or rotated). This is how the catalog illustrations are drawn.



Step 5

Compress the bag as far as possible with no air pressure and measure from the bead plate to the bottom of the piston. This is known as the compressed or minimum height. This will help determine if there is an internal bumper.



Step 6

Measure the distance from center to center of each bolt on the top and bottom of the air spring.



You now have the information you need. Compare your data with the narrowed down list of air springs you found via the flexible member or bellows number. Then proceed to the photo section of catalog #719-99.

If you have an O.E. number or a Firestone number, look in the cross-reference section in the back of catalog #719-99.