



wheel end

## Bendix® Actuation Products

Bendix® Spring Brakes and Service Chambers –  
Genuine, Dependable, Reliable.

### A Complete Line to Meet Your Needs

When it comes to brake actuators, no one has you covered like Bendix. Bendix manufactures and delivers the widest range of service chambers, piggybacks and combination tamper-proof spring brakes available. There's a Bendix actuator for your vehicle make, model and application – service or spring brake, standard or long stroke, with a wide range of yoke (clevis) styles. And when a complete replacement isn't necessary, there are replacement kits and individual components available as well.

### OEM Quality

Bendix spring brakes are the original equipment specification of many axle, suspension and trailer manufacturers. Bendix spring brakes give you the best of both worlds, providing an OEM quality product while delivering increased value in reduced cost per mile.

### Fits All Medium- and Heavy-Duty Applications

All medium- and heavy-duty trucks, tractors, trailers and buses are equipped with parking brakes that are held by mechanical force. Bendix spring brakes answer the call.

The spring brake actuator is composed of separate air and mechanical actuators in a single housing. Mounted at the wheel of the rear axles, it functions as a service, parking and emergency brake. Connected to the service brakes valve, the air applied portion of the actuator functions as the service brake. The mechanical portion of the actuator contains a powerful spring that is compressed or released using air pressure.

### Demand Bendix® Quality

Inferior workmanship and substandard parts can mean reduced braking performance, failed inspections, costly breakdowns and vehicle downtime. Our parts are built and tested Bendix tough and supported by the powerful three year/300,000 mile warranty coverage on most spring brakes we offer. Plus when you buy Bendix, you have access to our dedicated in-field sales and service team, along with our premier technical support, by phone or over the web, to deliver answers to even the toughest questions and help you with any technical challenges.

Brakes are not the place to cut corners. Reduce the potential for uneven brake wear, poor brake balance and excessive leakage when you equip your vehicle with genuine, dependable and reliable Bendix® spring brakes and chambers.

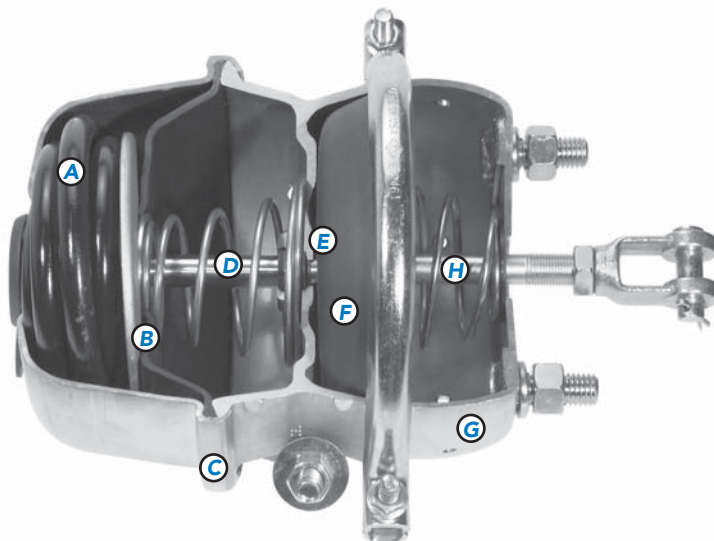


Bendix® brand foundation brake  
products are brought to you by:

**Bendix Spicer  
Foundation Brake LLC**

## Bendix® Spring Brake Chambers

- A** Chrome silicon steel main spring
  - Epoxy coated for corrosion protection
  - Bendix® design reduces coil clash and extends coil life
- B** Guided aluminum spring pressure plate
  - Prevents diaphragm sidewall and center seal wear
  - Center seal wear made of lightweight cast aluminum to prevent corrosion
- C** Mechanical sure crimp seal
  - Integrated seal impedes tampering
- D** Chrome plated internal push rod
  - Reduced friction coating prevents premature center seal wear and provides corrosion protection
- E** Patent pending bearing center seal design
  - Self-aligning seal eases actuator installation concerns by providing alignment flexibility and provides lubricant retention for long life
- F** Heavy duty diaphragms
  - Synthetic blended rubber for resistance against abrasion and contaminants found in pressurized air
- G** Heavy 10 gage non-pressure housing
  - Zinc plating provides corrosion protection
  - Reinforced stud mounting to prevent pull out and withstand vibration
- H** Friction welded push rod
  - Provides total attachment of the rod and plate preventing brake failure



| Bendix Tandem Spring Brakes |          |                                  |                         |                                   | Service Kits               |           |                          |                       |
|-----------------------------|----------|----------------------------------|-------------------------|-----------------------------------|----------------------------|-----------|--------------------------|-----------------------|
| Type                        | Stroke   | Push Rod Length (A) <sup>1</sup> | Part No. without Clevis | Part No. with Clevis <sup>2</sup> | Piggyback Kit <sup>3</sup> | Piggyback | Rubber Service Diaphragm | Service Return Spring |
| 24/24                       | 2.50"    | 8.00"                            | 800829                  | 5007130                           | K027230                    | 5007124   | 802489                   | 800919                |
| 24/30                       | 2.50"    | 8.00"                            | 800830                  | 5007131                           | K027231                    | 5007125   | 802489                   | 800919                |
| 30/30                       | 2.50"    | 5.88"                            | 801130                  | 802708                            | 5007610                    | 5007126   | 802490                   | 800919                |
|                             |          | 7.80"                            | 800831                  | 5007132N                          |                            |           |                          |                       |
|                             |          | 9.75"                            | 802547                  | —                                 |                            |           |                          |                       |
|                             |          | 12.00"                           | 801300                  | —                                 |                            |           |                          |                       |
|                             | 3.00" LS | 8.00"                            | K022884                 | K022883                           | 5011594                    | 801377N   | 801379                   | 800919                |
| 30/36                       | 2.50"    | 7.80"                            | 800832                  | —                                 | K024654                    | 5007127   | 802490                   | 800919                |
|                             |          | 9.75"                            | K022893                 | —                                 |                            |           |                          |                       |
|                             |          | —                                | —                       | —                                 |                            |           |                          |                       |

1) Push rod length measured in full retracted position, zero stroke condition

2) Clevis part number 228790N; 1/2" diameter pin, 5/8-18 thread size

3) Piggyback kit includes: Piggyback assembly, clamp bands with hardware, and rubber service diaphragm

| Bendix Service Chambers |        |                |                              |                               | Service Kits     |        |
|-------------------------|--------|----------------|------------------------------|-------------------------------|------------------|--------|
| Type                    | Stroke | Catalog Number | Push Rod Length <sup>1</sup> | Shipped w/Clevis <sup>2</sup> | Rubber Diaphragm | Spring |
| 16                      | 2.25"  | 800823         | 8.60                         | No                            | 234189           | 234192 |
| 20                      | 2.50"  | 802990         | 8.20                         | No                            | 234099           | 234129 |
| 24                      | 2.50"  | 802986         | 8.00                         | No                            | 234100           | 234130 |
|                         |        | K023445        | 10.00                        | No                            |                  |        |
| 30                      | 2.50"  | 801685         | 6.00                         | No                            | 234101           | 234131 |
|                         |        | 800826         | 7.60                         | No                            |                  |        |
|                         |        | 5007121N       | 7.60                         | Yes                           |                  |        |
|                         |        | 802988         | 7.75                         | No                            |                  |        |

1) All Brake Chambers listed feature a fully threaded push rod with 5/8"-18 threads

2) Clevis part number 228790N; 1/2" diameter pin, 5/8-18 thread size

**Ride With Confidence. Stop With Confidence. Use Bendix® Brand Spring Brakes.**

**Performance and reliability count, so count on Bendix® brand spring brakes. For all the details, talk to your Bendix or Roadranger® representative. Call 1-866-610-9709 or visit [www.foundationbrakes.com](http://www.foundationbrakes.com) today.**



**Bendix Spicer  
Foundation Brake LLC**  
A Bendix CVS and Dana Joint Venture

**Roadranger**  
The Roadranger® System features  
Bendix® brand foundation brakes.