



The Bendix® EverSure® Spring Brake with No Touch™ Technology
Innovative, lighter weight design. Longer lasting performance.

What You Can't See Will Cost You.



Bendix Can Help.

Over 3 million spring brakes are replaced every year. Bendix can help keep your fleet on the road, longer.

Bendix

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

**Bendix Spicer
Foundation Brake LLC**

A Bendix CVS and Dana Joint Venture

Problem: **Broken Power Spring**



A broken power spring is the leading cause of spring brake failure.

Most spring brakes have vent holes that are open to the environment. Many even have missing or loose dust plugs that create an opportunity for contamination to enter the spring housing. Due to the nature of this vulnerability, the power spring must be coated to protect it from possible corrosion. More often than not, **other suppliers' units suffer from "coil clash" which wears away this protective coating.** Without this layer of protection, the power spring can break. Once this happens, the broken power spring can often puncture the diaphragm, causing a leak to the unit. Even worse, this failure can go undetected and impact the parking performance of the vehicle.



Problem: **Worn Center Seal**



A worn center seal is one of the leading causes of spring brake leakage.

In addition to reducing the life of the spring brake, center seal damage provides the ultimate opportunity for spring brake leakage. Most often seen at the relay valve, this leakage often results from low-cost designs that are subject to high side loads that wear away this and other related components.

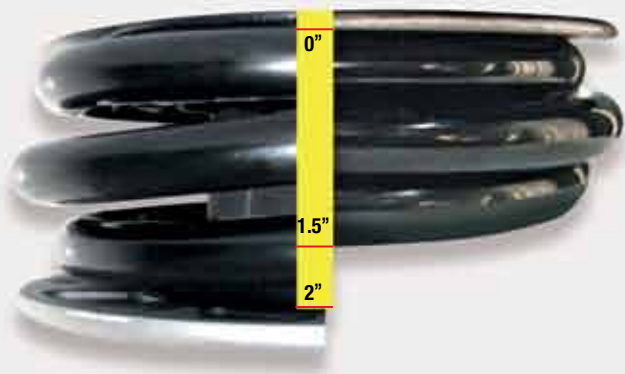
We have the fix.

Bendix® No Touch™ Technology

- Directly addresses the leading cause of spring brake failure
- Increases height between coils by 33% vs. a typical T30/30 spring brake, helping to avoid damaging contact to the protective coating on the power spring
- Virtually eliminates coil clash
- Epoxy coated power spring for enhanced corrosion protection

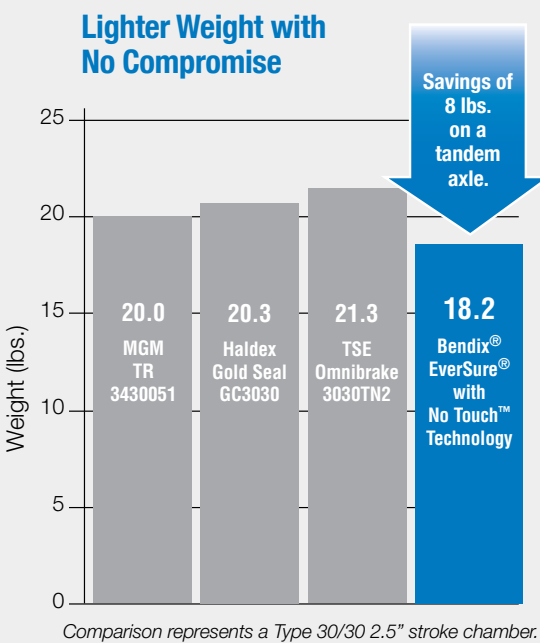
Power Spring Comparison

Bendix® EverSure® Spring Brake with No Touch™ Technology	Traditional 30/30
0"	
1.5"	
2"	



Solution: **Bendix® EverSure®**

Unsurpassed in performance, durability and safety, our new Double Diaphragm Spring Brake leverages proven Bendix engineering for long lasting, better performance.



We have the fix.

Bendix® Slotted Center Seal

- Patent-pending design helps maintain linear motion of the pushrod
- Protects integrity of the seal and prevents leakage
- Extends life of the chamber by providing a more robust wear surface
- Improves force output performance of the park spring by reducing side loads on the pushrod



Proven Bendix Engineering for a Longer Lasting, Better Performing Spring Brake.

What You Can't See Will Cost You.

Millions of spring brakes are replaced each year and there are many spring brake suppliers to choose from. However, not all spring brakes are created equal. While many competitive suppliers have made the choice to introduce low-cost products with inferior designs and components that simply cannot last, the Bendix® EverSure® spring brake helps fleets reduce costly repairs and improve overall operating costs by keeping vehicles on the road longer than competitive alternatives.

Bendix® EverSure® with No Touch™ Technology Value Calculator

Average Replacement Cost Per Unit		Low-Cost Competitor	Bendix® EverSure®
	Number of Spring Brakes Per Vehicle	4	4
	Part Price (per unit)	\$35	\$50
	Downtime (1/2 hour per unit)	\$25	\$25
	Labor (1/2 hour per unit)	\$30	\$30
	Total Replacement Cost Per Unit	\$90	\$105
	(Multiplied by) Number of Replacements in 4 Years	8	4
	Replacements Assumptions	4 Units Replaced Year 1 4 Units Replaced Year 4	4 Units Replaced Year 1
Total Cost of Replacement		\$720	\$420
Breakdown of Savings	Total EverSure® Savings for One Vehicle		\$300
	Savings Per Spring Brake When Using EverSure®		\$75

Inputs Used:

Labor Hours Required: 0.5

\$/hr - Labor: \$60

\$/hr - Downtime: \$50

1. Results may vary depending on operation.

2. Items in red can be changed per the specifics of a fleet experience.

3. Comparison based on T30/30, 2.5" stroke chamber without clevis.

Some of Our Most Popular Part Numbers

	Type	Stroke	Push Rod Length	Part No.
Bendix® EverSure® Spring Brake	30/30	2.5"	5.62"	NT3030STD-56
		2.5"	7.8"	NT3030STD-78
		2.5"	12.0"	NT3030STD-120
		3.0"	8.0"	NT3030ELS-80
With Threaded Clevis	30/30	2.5"	5.62"	NT3030STD-56TC
		2.5"	7.8"	NT3030STD-78TC
		2.5"	12.0"	NT3030STD-120TC
		3.0"	8.0"	NT3030ELS-80TC
With Welded Clevis	30/30	2.5"	—	NT3030STD-WC
		3.0"	—	NT3030ELS-WC
Piggyback Kit	30/30	2.5"	—	NT3030STD-KIT
		3.0"	—	NT3030ELS-KIT
Piggyback	30/30	2.5"	—	NT3030STD-PIG
		3.0"	—	NT3030ELS-PIG

The new road-tested Bendix® EverSure® Spring Brake with No Touch™ Technology simply delivers more... more brake force, more power spring life, more brake "reserve" stroke, and more fuel economy for you. For more details or answers to your questions, contact your Bendix account manager today, or call us at 1-866-610-9709.



The Bendix® EverSure® Spring Brake is:

More Durable

- No Touch™ Technology
- Slotted Center Seal

Better Performing

- Increased braking reserve at all pressures
- Improved brake efficiency, offering as much as 190 pounds of additional output force vs. leading OEM competitors in extreme conditions

Safety You Can Count On

- Meets all SAE standards for force output
- Increased reserve stroke = more force when you need it most



See EverSure®
in Action



Bendix Spicer
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