

BENDIX® INTELLIPARK® ELECTRONIC PARKING BRAKE

Help Put a Stop to Rollaways



Intellipark®

Bendix

Thomas
BUILT BUSES

It's Time to Talk About the Potential End of Rollaways...

60%

Did you know that 60 percent of fleets surveyed by Frost & Sullivan had experienced a rollaway within a two-year period? If your fleet wasn't one of them, it might only be a matter of time.

Even if your fleet has not experienced a rollaway incident yet, you understand how damaging, if not deadly, they can be. From the human cost to the monetary impact to your bottom line, safety record, and reputation. All because the parking brake wasn't set properly, or was released accidentally.

Intellipark®

It's Time for Bendix® Intellipark®

Delivering safety, value, and a quick ROI for your fleet, the Intellipark electronic parking brake is a one-of-a-kind technology.

Intellipark can:

- **Automatically set the parking brake if the driver forgets and exits the vehicle without properly setting the parking brakes when interlocks are met** – helping to stop rollaways before they start.
- **Be driver-friendly** by using electronic switches that can help reduce fatigue and provide instant, at-a-glance recognition that the vehicle is parked through easy-to-see LEDs.
- **Provide data, delivered via SafetyDirect® by Bendix CVS**, to notify your fleet about close calls, enhance your driver training, and help your fleet track issues as part of your overall safety program.

By helping avoid vehicle and property damage, or even worse, injury, Intellipark can help lower crash and liability impact, as well as associated costs on commercial liability insurance.

How Intellipark Works

Replacing the pneumatic Bendix® PP-DC® dash control valve, Intellipark uses electronic switches in its Dash Electronic Control Unit (DECU) and a PVM™ (Park Valve Module) to monitor interlock conditions in critical areas which can engage the parking brake electronically if the interlocks are not met, meaning the system detects that the vehicle is not parked and the driver does not have control. The system will determine the driver does not have control when the vehicle speed is low or zero, the accelerator pedal is not pressed, and the foot brake is not being applied. In that scenario, the rollaway mitigation feature can engage after about 30 seconds and automatically park the vehicle to help mitigate rollaways.

As vehicle technology continues to advance, Intellipark will be a key building block delivering even more capability for automated and – one day – autonomous vehicles. Plus fleets can also use information from the data Intellipark provides to enhance their safety programs and driver training efforts.



DECU™ (Dash Electronic Control Unit)



PVM™ (Park Valve Module)

\$1.41 Million

The average yearly fleet spend on rollaway accidents.*

*Based on the FMCSA and Frost & Sullivan 2016 US HD Fleet Managers Study: "Willingness to Pay for Advanced Technologies"








PULL to APPLY
parking brakes



PUSH to RELEASE
parking brakes

It's Time for Bendix® Intellipark®

Bendix® Intellipark® – Safety, Value, and Quick ROI	
Features	What This Means For Your Fleet
Rollaway Mitigation	 <ul style="list-style-type: none"> Helps prevent personal injury and vehicle or property damages by applying the parking brakes if the driver forgets and interlocks are met
Smart Unpark®	 <ul style="list-style-type: none"> At vehicle startup, once the brake pedal is depressed and the ignition power is on, the driver can unpark the vehicle by pushing the parking brake switch. NOTE: For electric vehicles, the vehicle will not unpark if the charging cable is plugged in.
Electric Switches with Park Status Illuminated	 <ul style="list-style-type: none"> Ergonomically designed switches help make parking and unparking more “driver friendly” Drivers know at-a-glance if the vehicle is parked or unparked
Data Capture	 <ul style="list-style-type: none"> Accessible via SafetyDirect® by Bendix CVS, near-miss events and other parking related data is available for analysis and driver training
Fully Compliant	 <ul style="list-style-type: none"> Meets or exceeds all government parking brake system requirements Latching solenoids maintain state pneumatically in case of power loss Parking brake engages in case of low air pressure

Designed for Durability and Performance

Hundreds of thousands of park and auto-park cycles – the result of extensive in-lab and on-road testing – means that Intellipark has been put through rigorous testing for durability, extreme temperatures, vibration, thermal shock, humidity, corrosion – just about anything you can imagine out there on the road. Plus Intellipark is covered by the standard Bendix warranty to deliver peace of mind.

Additional Feature Available:

- Exhaust-at-Speed: Helps the driver come to a controlled stop if the parking brake is applied while driving.

Driver Friendly

Bendix engineered the Intellipark electronic parking brake with an eye on improving the driving experience for the men and women behind the wheel, and drivers recognize the importance of having a park brake system with rollaway mitigation looking out for them.

Driver Friendly

Ergonomically easy-to-operate switch eliminates the “sting” from a traditional park brake valve.

Benefit from a system that intervenes in “just-in-case” situations.



Bendix safety technologies complement safe driving practices. No commercial vehicle safety technology replaces a skilled, alert driver exercising safe driving techniques and proactive, comprehensive driver training. Responsibility for the safe operation of the vehicle remains with the driver at all times.

Innovation

It just makes sense that the engineers who introduced the Bendix® PP-DC® park control valve to the industry 30 years ago are now advancing parking brake technology to a whole new level for your fleet.

Help end school bus rollaways with Intellipark® – delivering safety, value, and a quick ROI. Developed for you by Bendix, the industry’s proven leader in park brake valves.

Visit bendix.com, safertrucks.com/intellipark, or call 1-800-AIR-BRAKE (1-800-247-2725) today. Watch the Intellipark system in action on our YouTube™ channel, www.youtube.com/bendixvideos.



Contact your Bendix account representative today for more information or to see a demonstration of the Intellipark electronic parking brake system.

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