

SUPPLEMENTAL BRAKE APPLICATION SYSTEM

Automatic Operation For Added Protection and Safety

Keep Your Bus Stopped

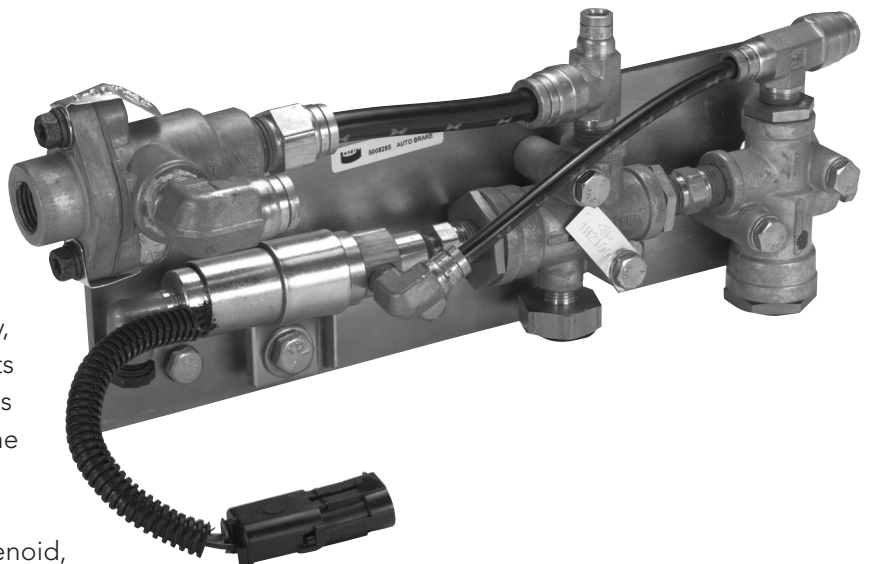
A school bus driver has a tough job — keeping children from harm. Keeping the bus stopped when passengers enter and exit is crucial, but holding a seven-ton bus still can be a challenge. There's no longer a reason to take chances with school bus safety because now there's Bendix AutoBrake™. With AutoBrake, the need to use the parking brake to keep the bus from rolling is eliminated.

Increased Safety – Automatically

In normal stopping situations, the driver activates the yellow caution lights when approaching a stop (where required), applies the service brake to bring the bus to a complete stop, pulls the parking brake to park the bus, and finally, opens the door to activate the flashing red lights and extend the stop sign. This final step activates the AutoBrake system, eliminating the need for the driver to activate the parking brake.

The Bendix AutoBrake uses a pneumatic solenoid, powered by the vehicle's stop arm solenoid circuit. When used properly in compliance with state regulations, AutoBrake's nominal 44 psi rear axle service brake application prevents the bus from rolling, without having to use the parking brake. When the driver closes the door to continue on the route, AutoBrake is automatically released.

AutoBrake is a supplemental brake system, and is not intended as a parking brake. That means the driver still needs to keep their foot on the brake pedal. If the driver removes his or her foot during the AutoBrake application, a warning buzzer and amber dash lamp will activate. The buzzer and lamp will deactivate when brake pressure is reapplied or the parking brake is engaged.



Reduce System and Driver Wear

Relying on the parking brake to keep the bus stationary requires additional use of the air compressor, air dryer, push/pull valve and spring brakes. All this additional usage adds up to additional wear and tear on the vehicle's air system. AutoBrake helps to eliminate that constant use of the parking brake and protects the vehicle's air system.

Constantly applying and releasing the parking brake also wears on drivers. AutoBrake helps reduce driver fatigue by minimizing the number of times he/she applies the parking brake, giving the driver more time to focus on the other actions required to safely transport children.

Module Design For Ease

AutoBrake is a complete module that requires minimal maintenance. It can be easily installed and fits all bus makes and models that utilize a desiccant style air dryer and a Weldon Electronic Eight Lamp School Bus Flasher.

Meets All Federal Standards

Vehicle tests indicate that AutoBrake does not impact vehicle compliance to federal regulations (FMVSS121).



AutoBrake Module and Installation Kit

Designed To Deliver These Benefits

FEATURES	BENEFITS
Eliminates need to apply and release parking brakes at each drop off and pickup	Reduces vehicle wear and tear Reduces driver fatigue Reduces vehicle air consumption
Automatic (Sequential lighting) Extra Step (Non-sequential lighting)	Minimal driver intervention necessary
Warning buzzer & amber dash lamp	Reminds drivers to keep their foot on the brake pedal or engage the parking brake
Regulating valve factory set at 44 psi (nominal)	Minimal maintenance (tamper proof)
Aftermarket retrofitable	Existing fleets can be equipped with AutoBrake
Available service parts	A cost effective alternative to replacing the entire module

REFER TO THESE PART NUMBERS WHEN SERVICING YOUR VEHICLE

AUTOBRAKE PART NUMBERS	
Part Number	Description
5008285	Sequential Lighting AutoBrake Module and Installation Kit
<i>For use where Amber Lamps must be turned on to cause the Red Lamps and Stop Arm to activate with the opening of the door. Sequential lighting requires the driver to perform two separate actions in order to activate AutoBrake.</i>	
5011053	Non-sequential Lighting AutoBrake Module and Installation Kit
<i>For use where Amber Lamps need not be turned on to cause the Red Lamps and Stop Arm to activate with the opening of the door. Kit 5011053 adds a supplemental switch and harness, which requires the driver to perform a second manual action in order to activate the AutoBrake system.</i>	

Bendix AutoBrake Keeps You Ahead Of The Safety Curve

When you want to protect your valuable air system from wear and reduce driver fatigue, you want AutoBrake. For all the details, talk to your Bendix Account Manager, call 1-800-AIR-BRAKE, or visit www.bendix.com today.