

# PREVOST ELECTRONIC STABILITY PROGRAM



**PREVOST**

## ROLLOVER & UNDER/OVER STEER PROTECTION

Monitor coach parameters resulting in improved vehicle control

React quickly to the unexpected

Avoid potentially dangerous situations by selectively applying brakes at individual wheel ends, depending on driving conditions and vehicle input



**PREVOST**

# EVERY SECOND COUNTS!

## MAJOR ADVANTAGES

- **Passenger and driver safety**

The Electronic Stability Program is an essential part of Prevost's never ending commitment to passenger and driver safety.

- **Profitability**

Incident reduction secures coach investment, protects your assets and reputation, and keeps your vehicle on the road where it belongs.

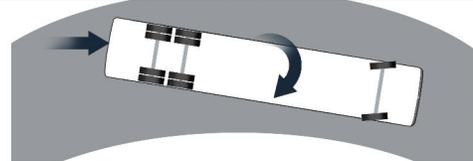
- **Vehicle control**

If the vehicle departs from its intended path, the system reduces speed and realigns the vehicle, thus reducing the likelihood of slide or rollover.

*Prevost Electronic Stability Program is manufactured by Bendix Commercial Vehicle Systems LLC.*

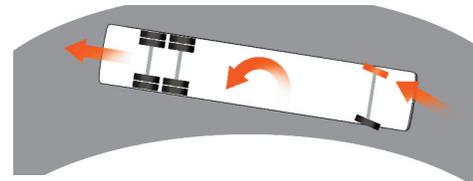


### SLIDING SCENARIO



#### Coach Sliding

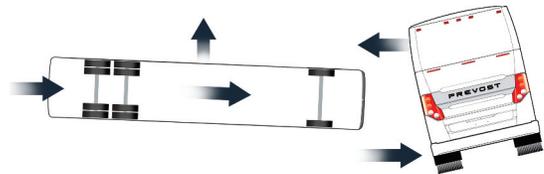
Vehicle speed around a curve exceeds the ability of the tires to maintain vehicle orientation, causing the vehicle to slide and begin to oversteer.



#### System Response

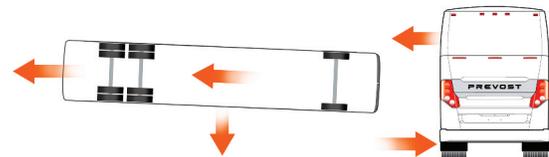
The system senses the driver's intended path and compares it to what's actually happening. In an attempt to correct the vehicle orientation, it will quickly apply braking pressure to only the appropriate wheels.

### ROLLOVER SCENARIO



#### Coach in Rollover Situation

A vehicle enters a curve too fast on high friction pavement, causing high lateral (side) forces to affect the vehicle's center of gravity.



#### System Response

The system applies pressure to all vehicle brakes and reduces engine throttle to quickly reduce vehicle speed and therefore lessen the likelihood of a rollover.