

V-PAF PEDAL ACOUSTIC FEEDBACK

SAFETY AND ACCESSIBILITY SYSTEMS

The Forman Pedal Acoustic Feedback (PAF) system is an EMC-approved audible accelerator feedback system. Fitted to ZEVs and other quiet vehicles, PAF plays an audible tone to the driver when the accelerator pedal is pressed. The tone shifts in pitch as the bus accelerates, simulating the pitch shift of an ICE engine to intuitively inform the driver it is accelerating.

Designed to prevent accidents caused by pedal application error, the Pedal Acoustic Feedback System also delivers warnings if sudden accelerator depression is detected. This warning allows the driver to identify the error, correcting their acceleration before an accident can occur.



Check pedal alerts

The Pedal Acoustic Feedback system plays an alert when the accelerator and brake pedals are pressed simultaneously.



Throttle warning

The system plays an alert and increases volume when excessive force is suddenly applied to the accelerator.



Volume control

The driver can adjust the volume of the system easily if background noise increases.

How Does PAF Work?

1. When the driver presses the accelerator, PAF plays a tone.
2. As the bus speeds up, the pitch of the tone changes.
3. Once the bus reaches 15mph, the tone fades out until the pedal is depressed further.
4. Each time the pedal is depressed, the sound will return. If driving under 15mph, the tone will be constant until the driver takes their foot off the pedal or the bus travels above 15mph.

System Warnings

- If the accelerator is suddenly depressed by 70% or more, the throttle warning system activates. The system volume increases and an alert message will be played every 2 seconds until the throttle is eased
- If the footbrake is pressed at the same time as the accelerator, the check pedal alert plays.

To find out how we can help you enhance the safety of your vehicles, call us on

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