



Air Operated Coupling

On the 21st of January 2025 there was a trailer detachment due to an air operated Ringfeder coupling being operated whilst the vehicle was in motion. It appears that the air operation was being controlled by an electric circuit and the switch was accidentally triggered and opened the coupling.

As per VBG Ringfeder instructions, Air Assist Ringfeder coupling is NOT to be operated electronically. Please see extract below from the VBG Ringfeder Drivers manual.



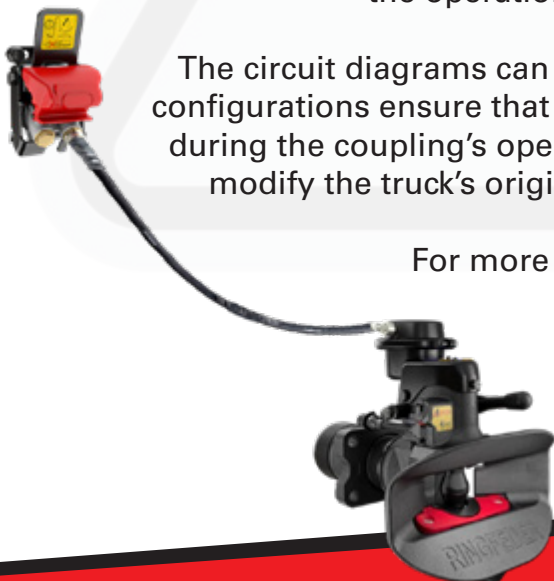
Ringfeder's pneumatic equipment must NOT be operated via electrically controlled valves because there is a risk of electrical faults causing incorrect control of the air flow.

This information is available on the Ringfeder website (www.ringfeder.com)

Transpecs advise that they supply recommended Air Coupling kits RF50AMD and RF50AMVB that are supplied with the components and air circuit diagrams for the operation of air assisted Ringfeder couplings.

The circuit diagrams can be downloaded from the Transpecs website. Both configurations ensure that the parking brake is applied on the truck and trailer during the coupling's opening operation. Please note that that these circuits modify the truck's original brake circuit and require LT400 certification.

For more details, visit www.transpecs.co.nz



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The Transpecs logo, featuring a stylized 'O' with a horizontal line through it, followed by the word "Transpecs" in a bold, italicized, sans-serif font.