



TechTopics

Haldex Anti-Lock Braking System (ABS) Sensor Wire Retaining Clip

This information is applicable to all ABS equipped tractors and trailers.

The Haldex Sensor Wire Retaining Clip spreads the clamp load over a wider area and eliminates pinched sensor wire failures.

Used on all Anti-Lock Braking System (ABS) equipped tractors and trailers.

Fits 3/8" or 1/2" Rubber Air Hoses.

Part Number AL920809 - Haldex Sensors

Part Number AL920810 - WABCO Sensors

Stop Premature Sensor Wire Failures

An extensive analysis suggests plastic ties (zip ties) are directly responsible for early failures of sensors and sensor extensions.

When air pressure is applied to a rubber air brake hose, it expands. When the air is released it returns to its original size.

This repeated air brake hose expansion and contraction pinches the sensor wire, causing an intermittent short that may go away when the air pressure is released. Ultimately this may lead to a complete open circuit failure of the sensor.

Studies also indicate plastic ties (zip ties) may cause the fibers used in rubber air brake hoses to weaken, which could lead to a catastrophic failure.

