

Air Brake Test

Normal Operating Range for air pressure: 120psi - 140psi (Max Build Up)

Parking Brake Test

Build air pressure to 120psi - 140psi (Max Build Up)

Tractor Parking Brake Test: Pull tractor button(YELLOW) out (Brake On) and push trailer button (RED) in (Brake Off), air pressure will drop about 10 psi wait for air to stabilize; put tractor in a low forward gear and tug.

- **Trailer Parking Brake Test:** Pull trailer button (RED) out (Brake On) and push tractor button (YELLOW) in (Brake Off), air pressure will drop about 10 psi, wait for air to stabilize; put tractor in a low forward gear and tug.

Service Brake Test:

With engine on, transmission in low gear, Parking Brake and Trailer Air Supply Buttons released. Pull vehicle ahead at approx. 5mph.

Press down on the foot brake (service brake)

Vehicle should stop immediately and not pull towards the left or right.

Engine OFF ** Key ON **** Transmission in Gear ***** Brakes OFF**

Leak Down Test

- o Begin with Air Pressure at: 120psi – 140psi (Max Build Up)
- o Push In Tractor & Trailer buttons; wait for air drop to stabilize
- o Apply foot brake; wait for air drop to stabilize
- o Hold foot brake for one minute
- o Mention: System should not leak more than 4 psi in one minute with a combination vehicle.

Alarm Test

- o Air pressure should be above 80 psi
- o Key on, but engine should not be running.
- o Pump brake pedal until low air alarm warning activates.
- o Mention: that the light or buzzer or both will come on before air pressure reaches 55 psi.

Button Test (Emergency Spring Brake Test)

- o With air pressure above 50 psi continue to pump brake pedal.
- Mention: Once pressure drops to approximately 40 psi, the Emergency Spring Brakes will apply.