



## Safety & Training Division

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### Air Brake Test

Start with Bus in the Stop Engine Position:

1. Turn master switch to “Night Run” and allow bus to perform diagnostic check. Continue with WAI.
2. Make sure front-right wheel is chocked and both doors are shut.
3. Check that the air pressure is between 90 and 125 psi. If so, proceed to step 4. Otherwise, do the following:
  - Make sure transmission is in neutral, the parking brake is engaged, and idle speed is set to “Normal.”
  - Hold the “Start” button to start engine.
  - Once the oil pressure has stabilized, set idle speed to “Fast.” This will run the air compressor at max efficiency. The bus should now be moved outside of the bay to prevent emissions from building inside the bay and to be courteous to other drivers.
  - Once the bus has been moved outside and air pressure has reached at least 100 psi, put idle speed back to “Normal” and turn master switch to “Stop Engine.”
  - Put master switch back to “Night Run” and allow bus to perform diagnostic check.
  - Return to step 3.
4. Make sure bus is in neutral, depress and hold foot brake, and release parking brake. There might be a slight drop in air pressure; this is fine. Once the air pressure gauges have stabilized (it should only take a few seconds), proceed to step 5
5. Watch the air pressure gauges for 1 timed minute. No more than 3 psi should be lost during this time.
6. If there is not a loss greater than 3 PSI, pull the parking brake knob to engage the parking brake.

### For CDL Test only:

- The foot brake must be pumped down to 40 psi to engage parking brake.
- If bus has performed steps 5 and 6 properly, engage the parking brake, restart bus to build air pressure.
- **NOTE:** Once the oil pressure has stabilized, set idle speed to “Fast.” Complete walk-around inspection. If bus did not perform any part of steps 5 and 6 properly, report issues to dispatcher and await instructions.

### **DO NOT PERFORM BRAKE TEST INSIDE THE GARAGE**