

## **Dual-Air System BRAKE CHECK**

1. Start engine to build air pressure.
2. When system cut-out pressure is reached, note the air pressure (max. 130psi).
3. Apply service brake pedal enough times to allow the systems air pressure to drop, and the air governor to cut in (min. 85psi).
4. Allow system to build back to maximum air pressure.(GOVERNOR CUT-IN & CUT-OUT TEST)
5. Shut engine off and check air pressure gauges for 1 minute and note any pressure drop (2 psi per minute allowed). Tap gauge to make sure gauge is not stuck. (STATIC TEST)
6. Apply service brake (Normal Application), release parking brake and hold for 1 minute. After system is loaded, check the air pressure gauge for air loss (3psi per minute is allowed). Tap gauge to make sure gauge is not stuck. (APPLIED TEST)
7. Reapply parking brake. Turn on the ignition key (don't start engine); release air from the FRONT service air tank until the low-pressure warning device actuates.(60psi minimum)
8. Reduce air pressure to zero psi, then start engine, release parking brake and immediately move the vehicle and apply the (emergency stopping system through the service brake pedal).
9. Allow the air system to build back to approximately 100 psi and shut the engine off.
10. Reapply parking brake. Turn on the ignition key (don't start engine); release air from the REAR service air tank until the low-pressure warning device actuates.(60psi minimum)
11. Reduce air pressure to zero psi, then start engine, release parking brake and immediately move the vehicle and apply the (emergency stopping system through the service brake pedal).
12. Allow the air system to build back to approximately 100 psi, release the parking brake and move the vehicle forward a short distance and apply the parking brake.
13. Make 2 stops to test the operation of the Service Brake before picking up passengers.