

*Airbrake Check**

- 1.) **Test Low Pressure Warning Signal.** The low air pressure warning signal must come on before the pressure drops to less than 60 PSI in the air tank.
- 2.) **Check Spring Brakes Come on Automatically.** The air pressure should fall to the manufacturer's specification (20-45 PSI).
- 3.) **Check Rate of Air Pressure Buildup.** When the engine is at operating RPM's the pressure should build from 85 to 100 PSI within 45 seconds in dual air systems.
- 4.) **Test Air Leakage Rate.** With a fully charged air system (typically 125 PSI), the loss rate should be less than two PSI in one minute for single vehicles and less than three PSI in one minute for combination vehicles.
- 5.) **Check Air Compressor Governor Cut-out Pressures.** Pumping by the air compressor should start at about 100 PSI and stop at about 125 PSI. The compressor should cut-in at manufacturer's specifications.
- 6.) **Test Parking Brake.**
- 7.) **Test Service Brakes.**

**NYS Commercial Driver's Manual - for complete Air System Check Requirements, refer to manual.*