

Basic (Single Vehicle) Air Tests

- 1) Chock wheels.
- 2) Drain air tanks.
- 3) Start engine, low air pressure alarm should go out minimum 60 psi.
- 4) Pressure should build from 85 to 100 psi in less than two minutes at max 800 rpm.
- 5) Governor should cut out compressor between 120 and 145 psi.
- 6) Push park brake valve in, governor should cut in compressor at minimum 100 psi.
 - slowly fan brakes if necessary
- 7) Build air to max pressure, shut down engine, turn key on.
- 8) Air leakage test:
 - make full brake application for one minute, should be no air loss (no more than 0 psi) after application
- 9) Fan brakes, low air pressure alarm should come on at minimum 60 psi.
- 10) Fan brakes, park brake valve doesn't have to pop, but spring park brakes must apply at minimum 20 psi.
- 11) Start engine, do immediate tug.
 - if park brake valve did not pop, pull it out now
- 12) Pick up chocks.
- 13) At minimum 100 psi
 - (a) do another tug
 - (b) release park brake, roll ahead, use brake pedal to stop
- 14) Air tests complete! Complete paperwork and drive!