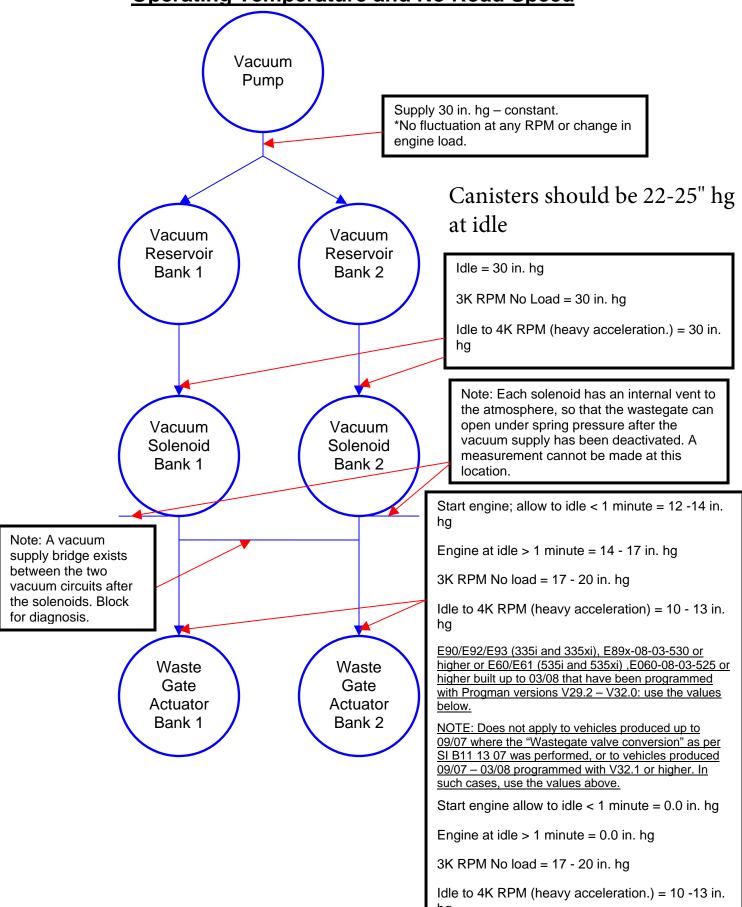
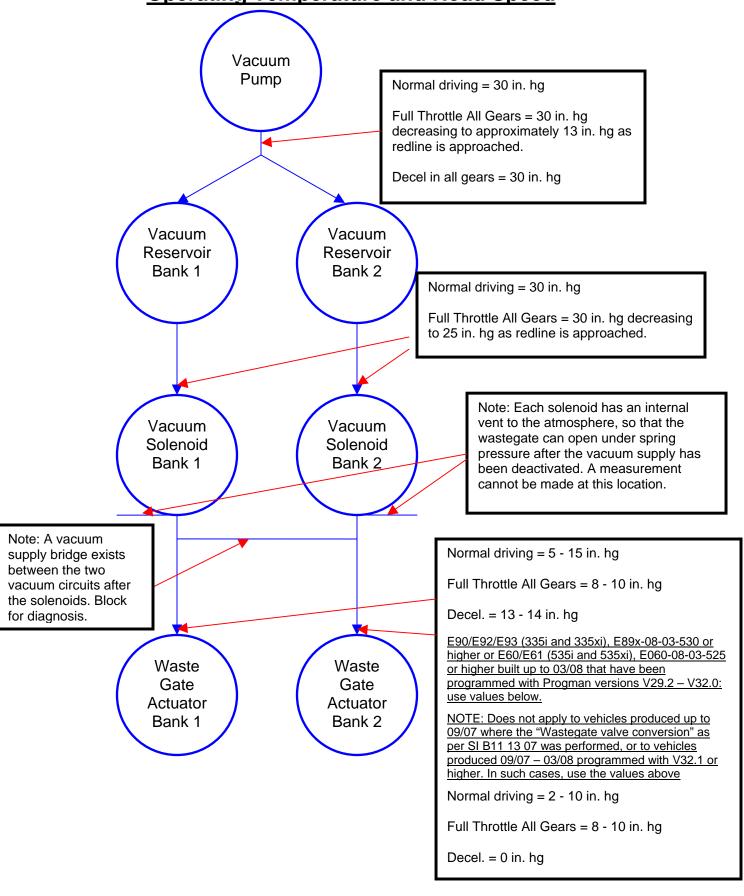
N54 Wastegate Control Vacuum Readings with the Engine at Operating Temperature and No Road Speed



N54 Wastegate Control Vacuum Readings with Engine at Operating Temperature and Road Speed



Vacuum/Boost Measurement

Measured with a vacuum/boost gauge connected to one of the pop-off (blow off) valves using a "T" connection; both valves must stay in operation during the measurement.

Idle:

18 in. hg (44.0 mbar)

Normal driving (30-45mph):

10 in hg - 0.0 in. hg (24.0 mbar - 0.0 mbar), varying

Deceleration from 35 mph:

22- 24 in. hg (54.0 mbar – 59.0 mbar)

Maximum Boost Measurement:

8.7 PSI - 9.4 PSI (0.60 bar -.065 bar) full throttle 1st and 2nd gear, maximum of 11.6 PSI (0.8) under heavy load