

Fig 2: Identifying Turbocharger Bypass Valve (Pneumatic Control)



Courtesy of FORD MOTOR CO.

## ENGINE CONTROL COMPONENTS > TURBOCHARGER BYPASS VALVE SOLENOID

The turbocharger bypass valve solenoid is pulse width modulated (PWM) by the PCM to control the pneumatically actuated turbocharger bypass valve. The turbocharger bypass valve solenoid supplies or vents vacuum to the pneumatically controlled turbocharger bypass valve to open or close the turbocharger bypass valve.