



DIAGNOSTIC FOCUS

VARIABLE VALVE TIMING

Most vehicles these days have some sort of variable valve system or even a variable valve lift system. Sometimes a vehicle will suffer from drivability issues and fault codes relating to valve timing. Such conditions can be difficult to diagnose without the correct equipment.

The purpose of variable valve timing (VVT) is to help increase the engine's volumetric efficiency and limit the exhaust gasses produced by the vehicle. By altering when the valves open and close you can optimize the performance of the engine.

ACTUATOR TESTS AVAILABLE

Using an actuator test on a Snap-on® scan tool means a technician can actuate a variable valve timing solenoid and observe a change in the audible note of the engine and/or a change in engine speed.

ADDITIONAL FUNCTIONAL TESTS

It's sometimes necessary to perform a cleaning of the valve and this function is available across a variety of manufacturers in our Functional Test menu. The process is simple and can be completed in minutes.





WANT MORE INFORMATION?

For more information about Variable Valve Timing -
check out our training video



For a Quick Tip on how to complete the cleaning of a valve -
watch this video

