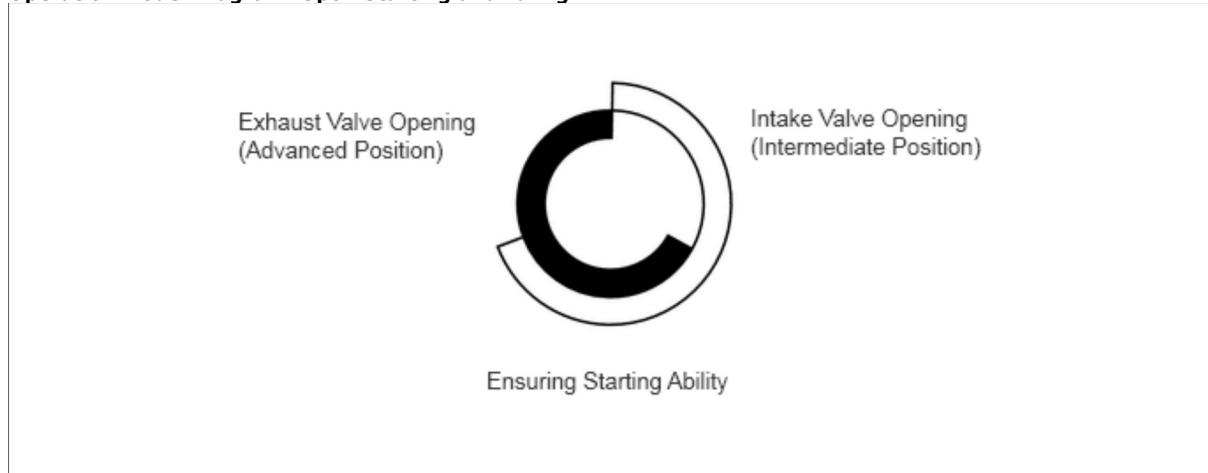
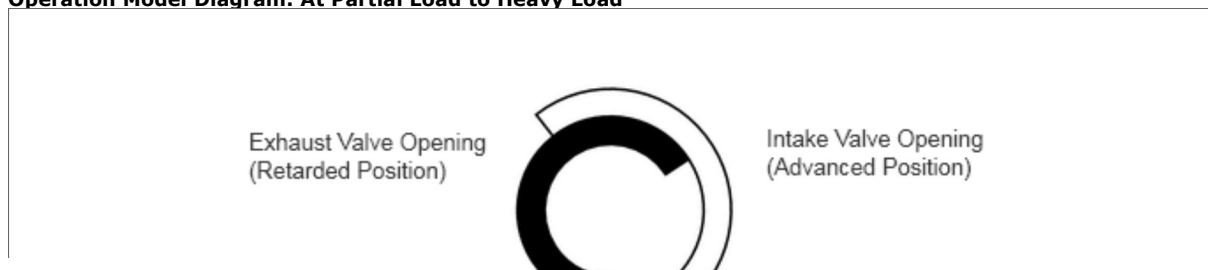


[Print](#)[Exit](#)**6AR-FSE ENGINE CONTROL SFI SYSTEM CONTROL VVT-i CONTROL****FUNCTION**

- a.** The Variable Valve Timing-intelligent (VVT-i) system is designed to control the exhaust camshaft within a range of  $55^\circ$  (of crankshaft angle) to provide valve timing that is optimally suited to the engine operating conditions. This improves torque in all speed ranges as well as increasing fuel economy, and reducing exhaust emissions.
- b.** The following effects can be achieved due to the advanced angle and retarded angle of the intake and exhaust valves.

**Operation Model Diagram: Upon Starting and Idling****Operation Model Diagram: At Partial Load****Operation Model Diagram: At Partial Load to Heavy Load**



Using Internal EGR or Improving Exhaust Ability

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