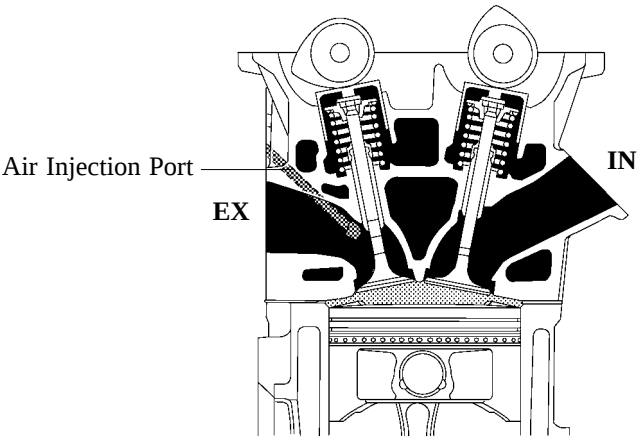


3. Engine Proper

Cylinder Head

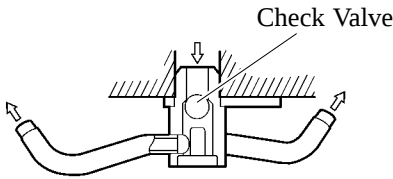
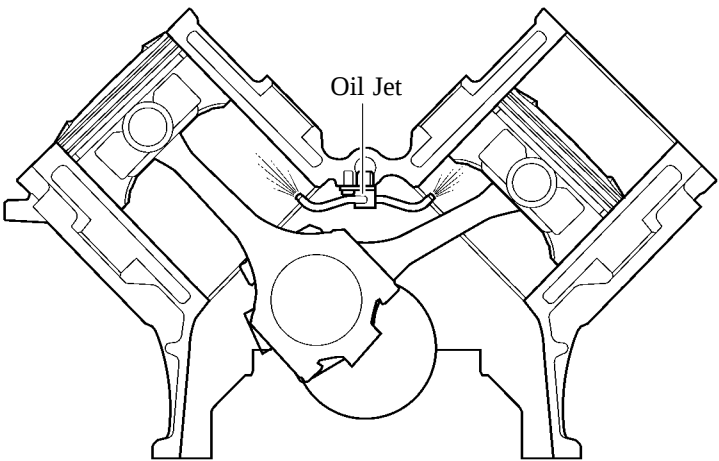
- A lead-free valve seat is used for environmental purposes.
- The air injection port is provided for the air injection system. For details, see page 172.



273GX76

Cylinder Block

- A lead-free crankshaft bearing is used for environmental purposes.
- Four oil jets for each piston are added. A check valve is built into an oil jet to stop oil injection when engine oil pressure is low, preventing engine oil pressure drop.

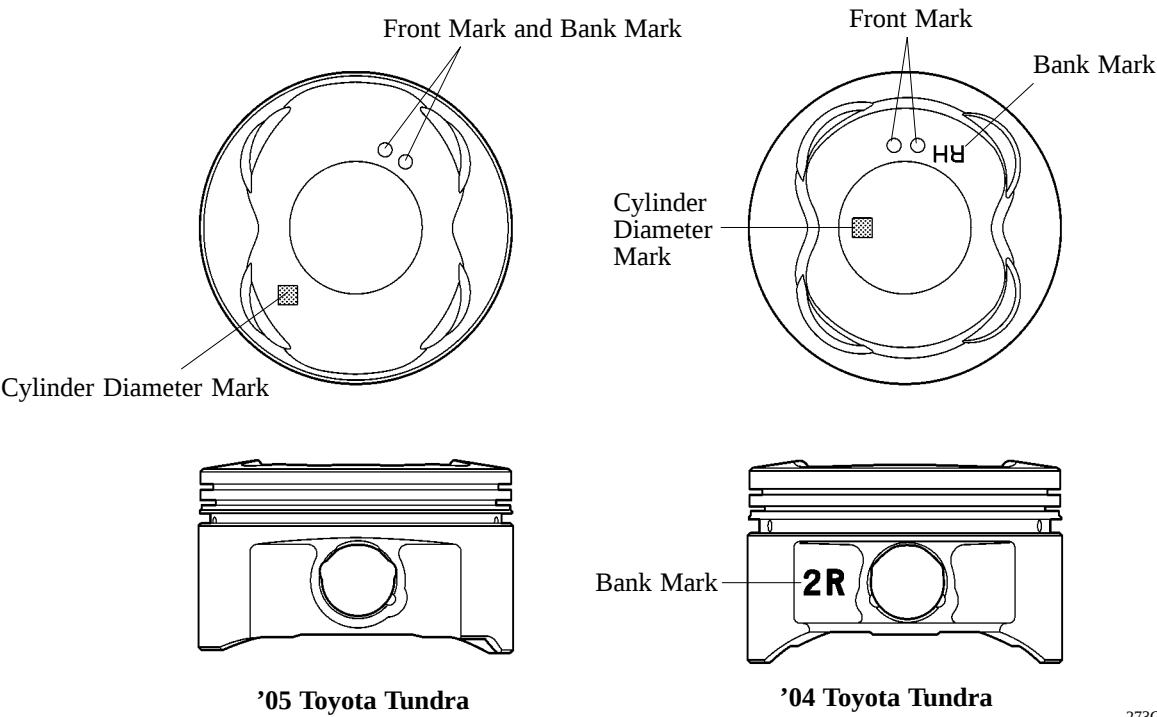


Check Valve Opening Pressure:
2.1 to 2.5 kgf/cm², (210 to 250 kPa)

273GX04

Piston

According to the compression ratio change, the piston shape is changed.

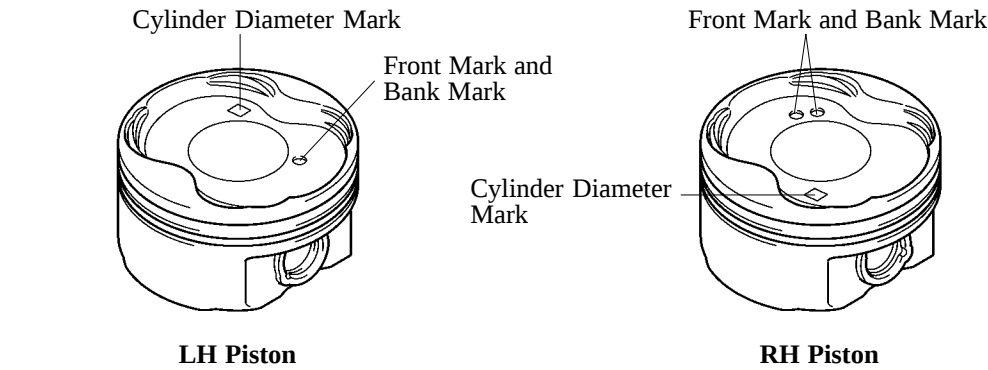


273GX61

Service Tip

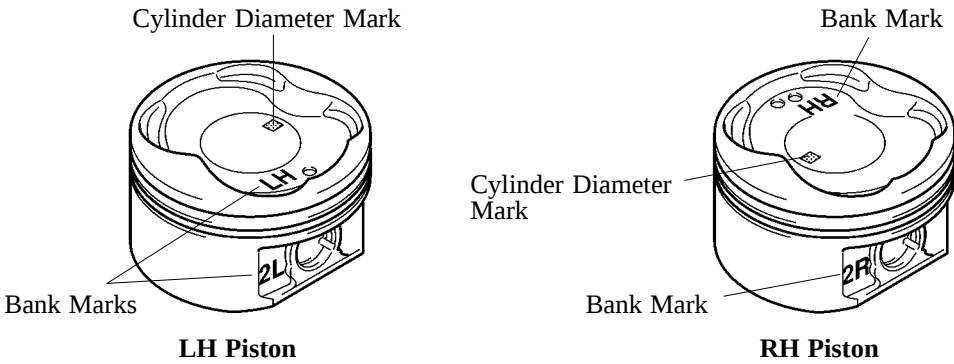
Cylinder diameter mark and bank mark are changed.

► '05 Toyota Tundra ◀



273GX62

► '04 Toyota Tundra ◀



273GX63