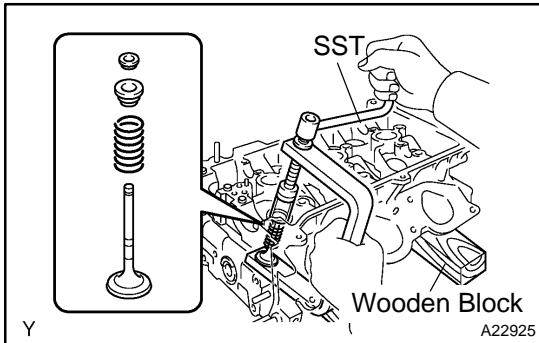


DISASSEMBLY

1. REMOVE VALVE LIFTER

HINT:

Arrange the valve lifter in the correct order.



2. REMOVE VALVE

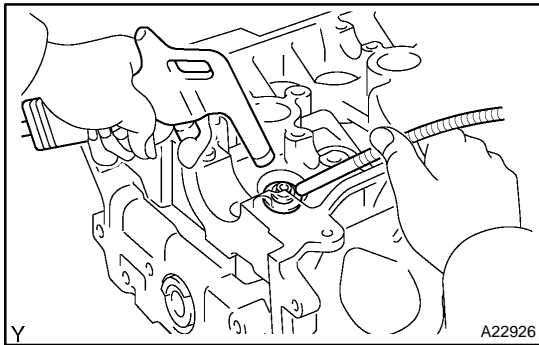
HINT:

Arrange the valves, inner compression springs, valve spring retainers and valve spring retainer locks in the correct order.

- Place the cylinder head on a wooden block.
- Using SST, compress the inner compression spring and remove the 2 valve spring retainer locks.

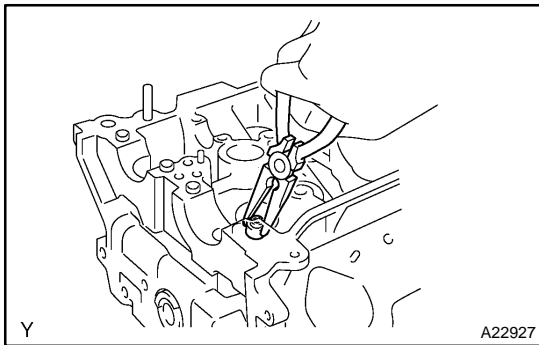
SST 09202-70020 (09202-00010)

- Remove the valve, inner compression spring, valve spring and valve spring retainer.



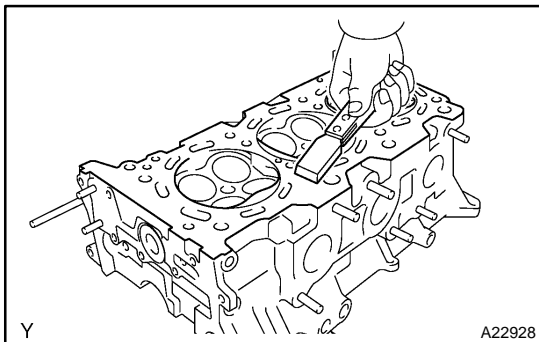
3. REMOVE VALVE SPRING SEAL

Using compressed air and a magnetic finger, remove the valve spring seal by blowing air.



4. REMOVE VALVE STEM OIL SEAL

Using needle-nose pliers, remove the valve stem oil seal.

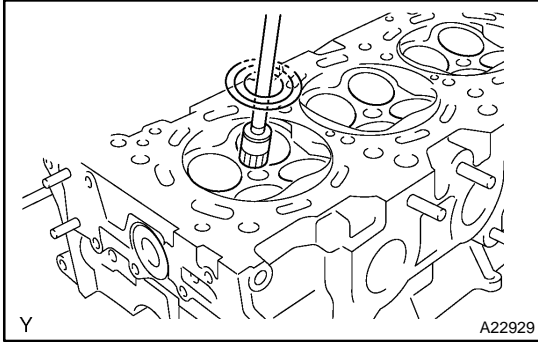


5. CLEAN CYLINDER HEAD

- Using a gasket scraper, remove all the gasket material from the cylinder block contact surface.

NOTICE:

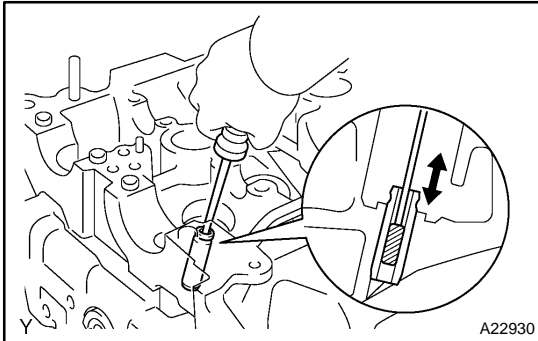
Be careful not to scratch the cylinder block contact surface.



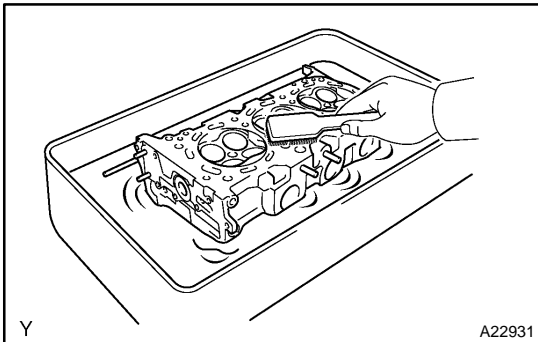
- (b) Using a wire brush, remove all the carbon from the combustion chambers.

NOTICE:

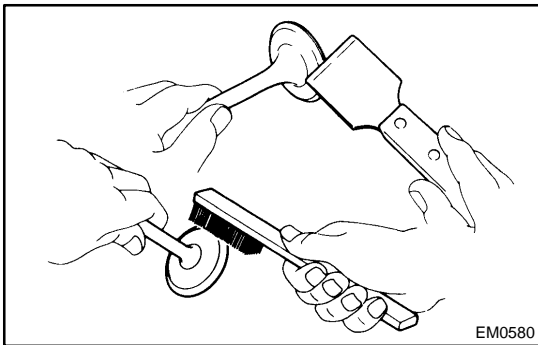
Be careful not to scratch the combustion chambers.



- (c) Using a valve guide bushing brush and solvent, clean all the valve guide bushes.



- (d) Using a soft brush and solvent, thoroughly clean the cylinder head.



6. CLEAN VALVE

- (a) Using a gasket scraper, chip off any carbon from the valve head.
- (b) Using a wire brush, thoroughly clean the valve.