

## DISASSEMBLY

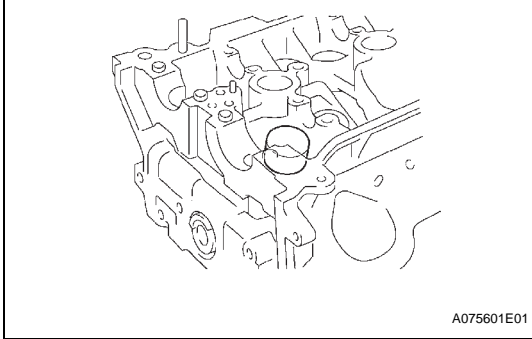
### HINT:

- Thoroughly clean all parts to be assembled.
- Before installing the parts, apply new engine oil to all sliding and rotating surfaces.
- Replace all gaskets, O-rings and oil seals with new parts.

### 1. REMOVE VALVE LIFTER

#### HINT:

Arrange the valve lifter in the correct order.



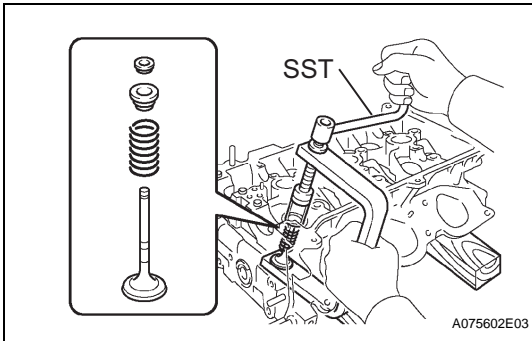
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### 2. REMOVE VALVE

#### HINT:

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

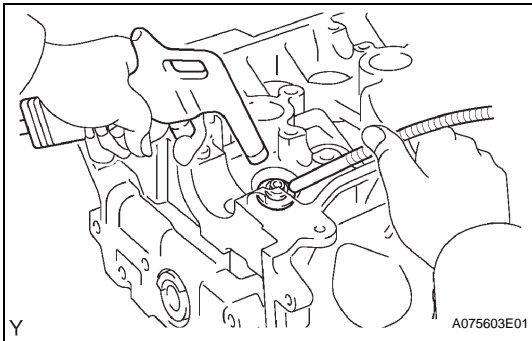
- Place the cylinder head on a wooden block.
- Using SST, compress the inner compression spring and remove the 2 valve spring retainer locks.  
**SST 09202-70020 (09202-00010)**
- Remove the valve, inner compression spring and valve spring retainer.



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### 3. REMOVE VALVE SPRING SEAT

- Using compressed air and a magnetic finger, remove the valve spring seat by applying compressed air.



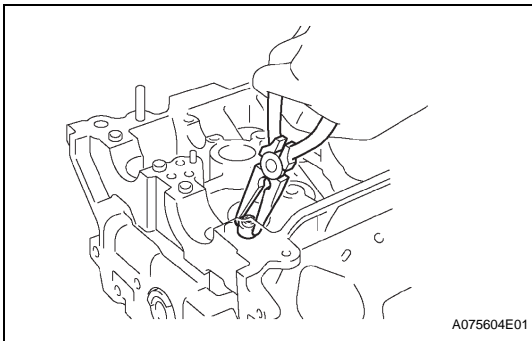
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### 4. REMOVE VALVE STEM OIL O SEAL OR RING

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

### 5. REMOVE STRAIGHT PIN NO.1

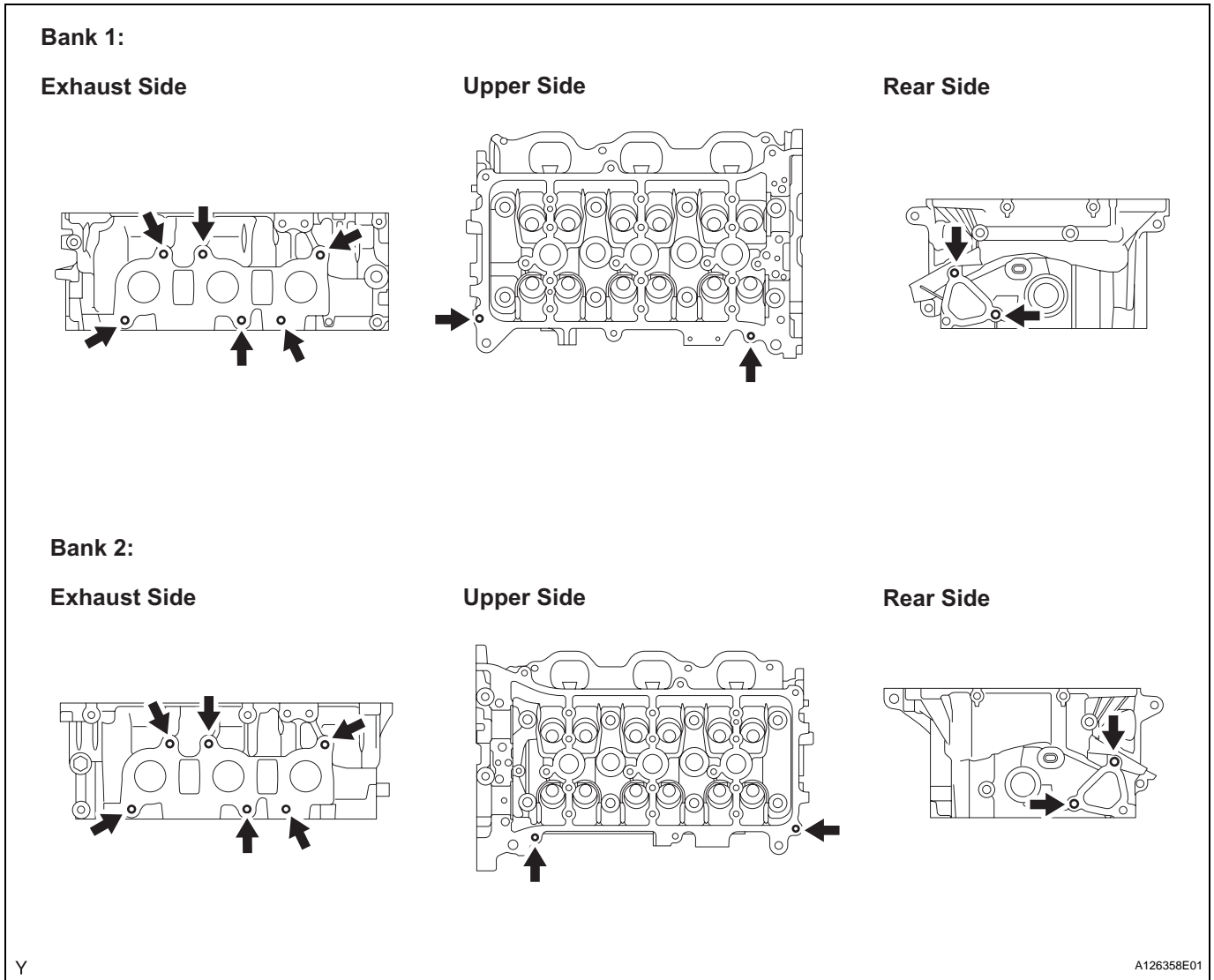
- Remove the 10 knock pins from bank 1 and bank 2 cylinder heads.



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**6. REMOVE EXHAUST MANIFOLD, RH STUD BOLT**

- (a) Remove the 20 stud bolts from bank 1 and bank 2 cylinder heads.



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**7. REMOVE UNION**

- (a) Remove the 2 unions from bank 1 and bank 2 cylinder heads.

