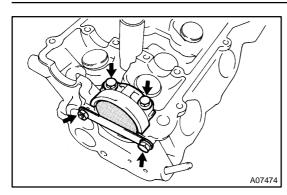
EM01N-10



## DISASSEMBLY

## 1. REMOVE CAMSHAFT HOUSING PLUGS

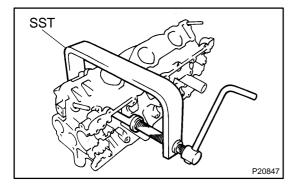
- (a) Remove the bolt, nut and cylinder head rear plate.
- (b) Remove the 2 bolts and camshaft bearing cap and housing plug.

## 2. REMOVE VALVE LIFTERS AND SHIMS

Pull out the valve lifter and shim by hand.

HINT:

Arrange the valve lifters and shims in correct order.

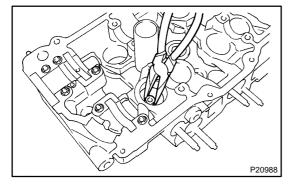


## 3. REMOVE VALVES

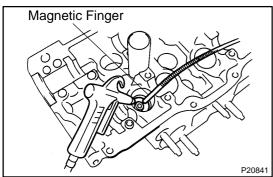
(a) Using SST, compress the valve spring and remove the 2 keepers.

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(b) Remove the spring retainer, valve spring and valve.



(c) Using needle-nose pliers, remove the oil seal.



(d) Using compressed air and a magnetic finger, remove the spring seat by blowing air.

HINT:

Arrange the valves, valve springs, spring seats and spring retainers in the correct order.

2003 TOYOTA TACOMA (RM1002U)

Author: Date: 1213