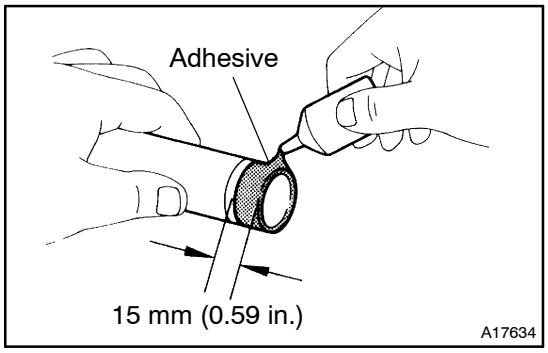
EM1UE–01

REASSEMBLY

HINT:

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



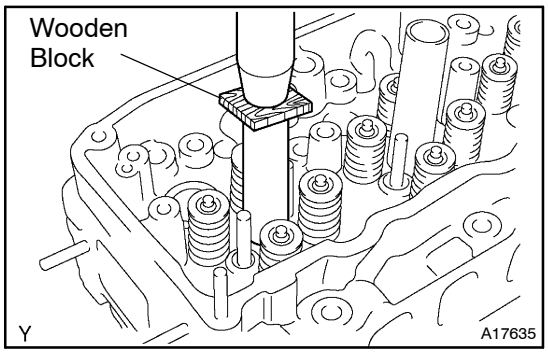
1. INSTALL SPARK PLUG TUBES

HINT:

When using a new cylinder head, spark plug tubes must be installed.

(a) Apply adhesive to the end of the spark plug tube.

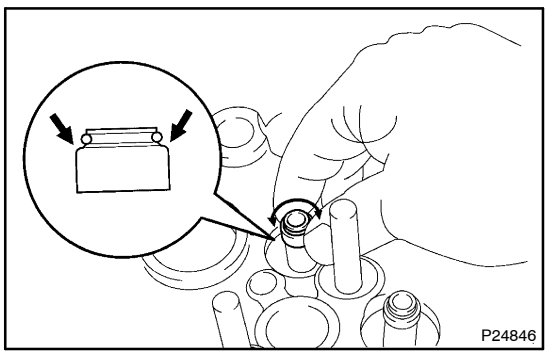
Adhesive:
Part No. 08833–00070, THREE BOND 1324 or equivalent



(b) Using a press and wooden block, press in a spark plug tube.

HINT:

- Press the spark plug tube until it hits the bottom.
- After the installation, check that all the 4 spark plug tubes are in the same height.



2. INSTALL VALVES

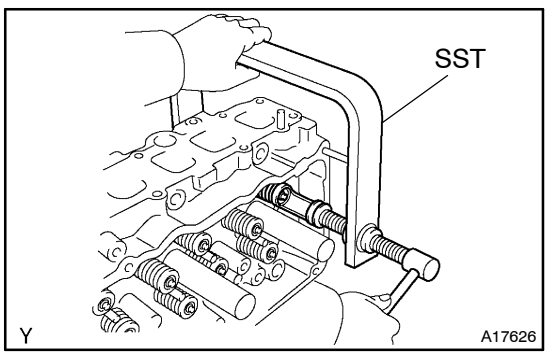
(a) Install new oil seals on the valve guide bushings.

HINT:

Pushing down at the places shown in the illustration.

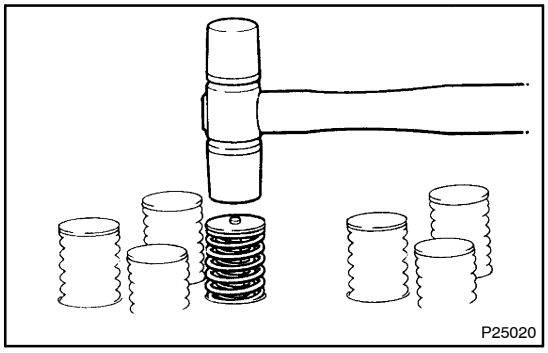
(b) Rotate the oil seal to check that it is firmly installed.

(c) Install the valve, spring seat, valve spring and spring retainer.

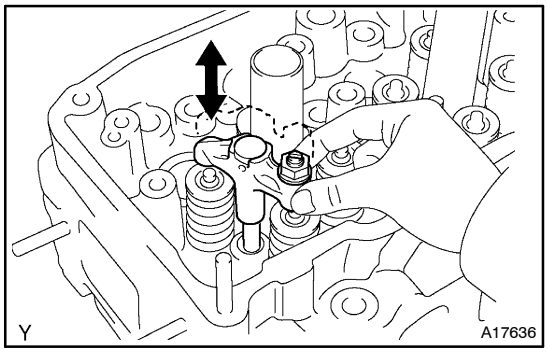


(d) Using SST, compress the valve spring and place the 2 keepers around the valve stem.

SST 09202–70020 (09202–00010)



(e) Using a plastic–faced hammer, lightly tap the valve stem tip to assure a proper fit.



3. INSTALL VALVE BRIDGES AND PAD

(a) Install the valve bridge and pad.

(b) Check that the valve bridge rotates smoothly.