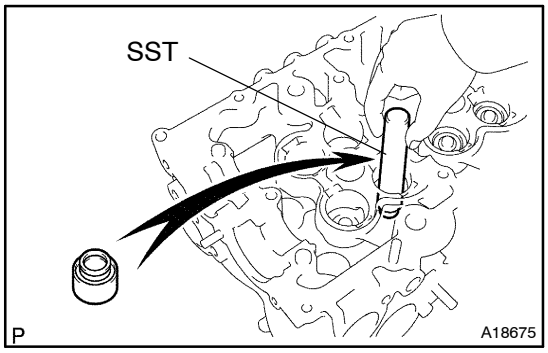
EM1MF–02

REASSEMBLY

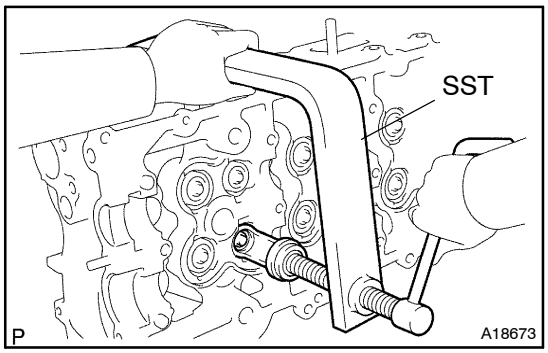
HINT:
Thoroughly clean all parts to be assembled.
Before installing the parts, apply fresh engine oil to all sliding and rotating surfaces.
Replace all gaskets and oil seals with new ones.



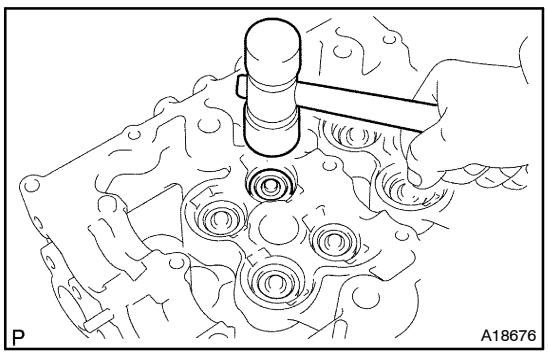
1. INSTALL VALVES

(a) Using SST, push in a new oil seal.
SST 09201–41020

(b) Install the valve, spring seat, compression spring and spring retainer.



(c) Using SST, compress the compression spring and place the 2 keepers around the valve stem.
SST 09202–70020 (09202–00020)



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

NOTICE:

Be careful not do damage the valve stem tip.

2. INSTALL VALVE LIFTERS

(a) Install the valve lifter and shim.

(b) Check that the valve lifter rotates smoothly by hand.

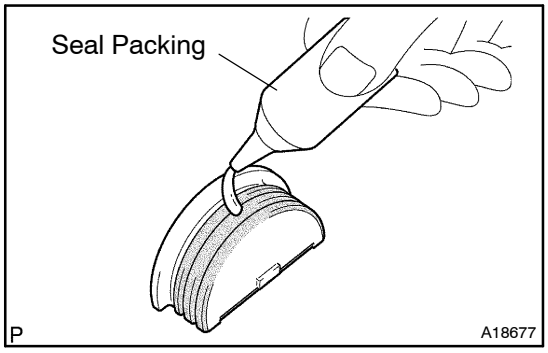
3. INSTALL SEMI–CIRCULAR PLUG

(a) Remove any old packing (FIPG) material and be careful not to drop any oil on the contact surfaces of the semicircular plug and cylinder head.

(1) Using a razor blade and gasket scraper, remove all the oil packing (FIPG) material from the gasket surfaces and sealing grooves.

(2) Thoroughly clean all components to remove all the loose material.

(3) Using a non–residue solvent, clean both sealing surfaces.



(b) Apply seal packing to the oil seal retainer as shown in the illustration.

Seal packing: Part No. 08826–00080 or equivalent

(1) Parts must be assembled within 5 minutes of application. Otherwise the material must be removed and reapplied.

(2) Immediately remove nozzle from the tube and reinstall cap.

(c) Install the semi–circular plug to the cylinder head.

4. INSTALLWATER TEMPERATURE SENDER GAUGE